

ภาคผนวก 3ข

รายงานผลการตรวจวัดคุณภาพสิ่งแวดล้อม
จากห้องปฏิบัติการ



รายงานผลการตรวจวัด คุณภาพอากาศในบรรยากาศ



ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 232 EG20 Tower, Witthaisit Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Sampling Source : Ambient Air Quality
Sampling Point : Project Area
GPS Coordinate : UTM (WGS84) 47P 0592598 E, 1532305 N
Sampling Date : May 8-15, 2025
Sampling Time : 08:45
Sampling Method : U.S. EPA 40 CFR Part 50
Sampling By : Mr.Nitad Sirichai
Analysed By : Environment Research & Technology Co., Ltd.

Quotation No. : AR2025-00286
Analysis No. : 2025-AC053
Received Date : May 15, 2025
Analytical Date : May 15-29, 2025
Report No. : 2025-RAAL520
Report Date : May 29, 2025

Parameter	Unit	Method of Analysis	Result							Standard ¹⁾
			May 08-10	May 09-11	May 10-12	May 11-13	May 13-15	May 15-17	May 17-19	
Total Suspended Particulate (TSP) 24 Hours Average	mg/m ³	High-Volume, Gravimetric	0.086	0.093	0.072	0.062	0.064	0.093	0.064	0.130
Particulate Size Less Than 10 Micron (PM10) 24 Hours Average	mg/m ³	PM10 Size Selective, High-Volume, Gravimetric	0.057	0.040	0.032	0.029	0.027	0.028	0.025	0.120

Remark : ¹⁾ Subdivision of National Environmental Board, No.18, B.C.(253) (1995), published in the Royal Government Gazette No.112 Part 420 dated May 29, B.E.2538 (1995) and Notification No.24, B.E.2547 (2004), published in the Royal Government Gazette No.121 Special Part 3463 dated September 22, B.E.2547 (2004), under the Enforcement and Conservation of National Environmental Quality Act B.E.2535 (1992).

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 232 EG20 Tower, Witthaisit Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Sampling Source : Ambient Air Quality
Sampling Point : Ban khrook Tambon Health Promoting Hospital
GPS Coordinate : UTM (WGS84) 47P 0591576 E, 1532174 N
Sampling Date : May 8-15, 2025
Sampling Time : 08:10
Sampling Method : U.S. EPA 40 CFR Part 50
Sampling By : Mr.Nitad Sirichai
Analysed By : Environment Research & Technology Co., Ltd.

Quotation No. : AR2025-00286
Analysis No. : 2025-AC053
Received Date : May 16, 2025
Analytical Date : May 16-29, 2025
Report No. : 2025-RAAL520
Report Date : May 29, 2025

Parameter	Unit	Method of Analysis	Result							Standard ¹⁾
			May 08-10	May 09-11	May 10-12	May 11-13	May 13-15	May 15-17	May 17-19	
Total Suspended Particulate (TSP) 24 Hours Average	mg/m ³	High-Volume, Gravimetric	0.081	0.098	0.083	0.075	0.059	0.038	0.046	0.130
Particulate Size Less Than 10 Micron (PM10) 24 Hours Average	mg/m ³	PM10 Size Selective, High-Volume, Gravimetric	0.042	0.044	0.036	0.021	0.026	0.018	0.026	0.120

Remark : ¹⁾ Subdivision of National Environmental Board, No.18, B.C.(253) (1995), published in the Royal Government Gazette No.112 Part 420 dated May 29, B.E.2538 (1995) and Notification No.24, B.E.2547 (2004), published in the Royal Government Gazette No.121 Special Part 3463 dated September 22, B.E.2547 (2004), under the Enforcement and Conservation of National Environmental Quality Act B.E.2535 (1992).

ANALYSIS REPORT

Customer Name : Bangpoo Utilities Co., Ltd.
 Address : 332 6000 Tower, Witthachul Rangsit Road, Thung Song Hong, Luk Si, Bangkok 10210
 Project Name : Steam and Electricity Generating Unit Project, Bangpoo District, Ratchaburi Province
 Project Location : 19/380 Moo 18, Tha Pha, Ban Pong, Ratchaburi
 Sampling Source : Ambient Air Quality
 Sampling Point : Wat Don Salae
 GPS Coordinate : UTM (WGS84) 47P 0294411 E, 1531117 N
 Sampling Date : May 8-15, 2025
 Sampling Time : 07:30
 Sampling Method : U.S. EPA 40 CFR Part 50
 Sampling By : Mr.Nitad Sinchad
 Analyzed By : Environment Research & Technology Co., Ltd.
 Quotation No. : AR2025-06286
 Analysis No. : 2025-A0053
 Received Date : May 16, 2025
 Analytical Date : May 16-28, 2025
 Report No. : 2025-RAAL522
 Report Date : May 29, 2025

Parameter	Unit	Method of Analysis	Result								Standard ¹⁾
			May 08-15	May 08-15	May 09-10-11	May 11-12-13	May 13-14-15	May 15-16-18	May 18-19-20	May 19-20-21	
Total Suspended Particulate (TSP) 24 hours Average	mg/m ³	High-Volume, Gravimetric	0.083	0.074	0.062	0.054	0.053	0.055	0.064	0.039	0.130
Particulate Size Less Than 10 Micron (PM10) 24 hours Average	mg/m ³	PM10 Size Selective, High-Volume, Gravimetric	0.036	0.030	0.027	0.023	0.021	0.024	0.028	0.120	0.120

Remark : ¹⁾ Institution of National Environmental Board, No.15, B.E.2538 (1995), published in the Royal Government Gazette No.112 Part 102 and Part 103 and Institution No.74, B.E.2547 (2004), published in the Royal Government Gazette No.111 Special Part 1040 dated September 22, B.E.2547 (2004), under the Enforcement and Consumption of National Environmental Quality act B.E.2535 (1992).



ANALYSIS REPORT

Customer Name : Bangpoo Utilities Co., Ltd.
 Address : 332 6000 Tower, Witthachul Rangsit Road, Thung Song Hong, Luk Si, Bangkok 10210
 Project Name : Steam and Electricity Generating Unit Project, Bangpoo District, Ratchaburi Province
 Project Location : 19/380 Moo 18, Tha Pha, Ban Pong, Ratchaburi
 Sampling Source : Ambient Air Quality
 Sampling Point : Wat Lat Rua Khoo School
 GPS Coordinate : UTM (WGS84) 47P 0290491 E, 1531180 N
 Sampling Date : May 8-15, 2025
 Sampling Time : 07:40
 Sampling Method : U.S. EPA 40 CFR Part 50
 Sampling By : Mr.Nitad Sinchad
 Analyzed By : Environment Research & Technology Co., Ltd.
 Quotation No. : AR2025-06286
 Analysis No. : 2025-A0053
 Received Date : May 16, 2025
 Analytical Date : May 16-28, 2025
 Report No. : 2025-RAAL524
 Report Date : May 29, 2025

Parameter	Unit	Method of Analysis	Result								Standard ¹⁾
			May 08-15	May 08-15	May 09-10-11	May 11-12-13	May 13-14-15	May 15-16-18	May 18-19-20	May 19-20-21	
Total Suspended Particulate (TSP) 24 hours Average	mg/m ³	High-Volume, Gravimetric	0.048	0.043	0.044	0.043	0.068	0.053	0.044	0.130	0.130
Particulate Size Less Than 10 Micron (PM10) 24 hours Average	mg/m ³	PM10 Size Selective, High-Volume, Gravimetric	0.023	0.018	0.018	0.020	0.027	0.023	0.018	0.120	0.120

Remark : ¹⁾ Institution of National Environmental Board, No.15, B.E.2538 (1995), published in the Royal Government Gazette No.112 Part 102 and Part 103 and Institution No.74, B.E.2547 (2004), published in the Royal Government Gazette No.111 Special Part 1040 dated September 22, B.E.2547 (2004), under the Enforcement and Consumption of National Environmental Quality act B.E.2535 (1992).



ANALYSIS REPORT

Customer Name : Bangkok Utilities Co., Ltd.
 Address : 1221 6000 Tower, Witthayu Bangkok Road, Thung Song Hong, Lak Si, Bangkok 10210
 Project Name : Steam and Electricity Generating Unit Project, Bangkok (District, Ratchaburi Province)
 Project Location : 19/100 Moo 15, Tho Pho, Ban Pong, Ratchaburi
 Sampling Source : Ambient Air Quality
 Sampling Point : Ban Bang Phung Tambon Health Promoting Hospital
 GPS Coordinate : UTM (WG84) 47P 0592151 E, 1538423 N
 Quotation No. : AR2025-00286
 Sampling Date : May 9-15, 2025
 Analysis No. : 2025-AC093
 Sampling Time : 07:50
 Received Date : May 16, 2025
 Sampling Method : U.S. EPA 40-CFR Part 50
 Analytical Date : May 16-29, 2025
 Sampling by : Pr-Mlad Seichad
 Report No. : 2025-RAA526
 Analyzed By : Environment Research & Technology Co., Ltd.
 Report Date : May 29, 2025

Parameter	Unit	Method of Analysis	Result								Standard (*)
			May 9-15	May 16-21	May 22-28	May 29-31	May 32-34	May 35-37	May 38-40	May 41-43	
Total Suspended Particulate (TSP) 24 Hour Average	mg/m ³	High Volume, Gravimetric	0.051	0.046	0.037	0.045	0.054	0.052	0.036	0.030	0.300
Particulate Size Less Than 10 Micron (PM10) 24 Hour Average	mg/m ³	PM10 Size Selective, High Volume, Gravimetric	0.022	0.019	0.015	0.020	0.023	0.021	0.016	0.010	0.120

Notes : (*) Institution of National Environmental Health, No.19, B.E.2528 (1985), published in the Royal Government Gazette No.113 Part 413 dated May 15, B.E.2536 (1993) and Notification No.24, B.E.2547 (2004), published in the Royal Government Gazette No.111 Special Part 1090 dated September 12, B.E.2547 (2004), under the Decree and Ordinance of National Environmental Quality Act B.E.2535 (1992).



ANALYSIS REPORT

Customer Name : Bangkok Utilities Co., Ltd.
Address : 232 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 19/308 Moo 15, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Air Quality
Measured Point : Project Area
GPS. Coordinate : UTM (AK284) 47P 0530298 E, 1532305 N
Measured Date : May 8-15, 2025
Measured By : Mr.Natad Sridhad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : FOX Chemiluminescence Analyzer HANNA Model APNA-370 Serial Number NGA803F2

Quotation No. : AR0025-00386
Analysis No. : 2025-AQ053-001
Report No. : 2025-HAAL771
Report Date : May 30, 2025

Interval Time	Result NO _x (ppm)						Standard ¹⁾
	May 8-9, 20	May 9-10, 20	May 10-11, 20	May 11-12, 20	May 12-13, 20	May 13-14, 20	
09:00-10:00	0.0073	0.0070	0.0066	0.0079	0.0090	0.0076	0.0098
10:00-11:00	0.0067	0.0074	0.0059	0.0088	0.0070	0.0099	0.0070
11:00-12:00	0.0099	0.0098	0.0057	0.0096	0.0075	0.0116	0.0074
12:00-13:00	0.0061	0.0064	0.0064	0.0126	0.0076	0.0138	0.0075
13:00-14:00	0.0060	0.0064	0.0073	0.0107	0.0083	0.0224	0.0076
14:00-15:00	0.0060	0.0103	0.0077	0.0073	0.0093	0.0136	0.0140
15:00-16:00	0.0070	0.0138	0.0079	0.0066	0.0089	0.0103	0.0086
16:00-17:00	0.0134	0.0139	0.0081	0.0066	0.0069	0.0081	0.0077
17:00-18:00	0.0145	0.0130	0.0060	0.0076	0.0084	0.0079	0.0087
18:00-19:00	0.0063	0.0100	0.0065	0.0139	0.0088	0.0140	0.0097
19:00-20:00	0.0037	0.0160	0.0071	0.0103	0.0090	0.0176	0.0108
20:00-21:00	0.0087	0.0100	0.0075	0.0102	0.0128	0.0120	0.0120
21:00-22:00	0.0103	0.0069	0.0064	0.0079	0.0118	0.0119	0.0100
22:00-23:00	0.0111	0.0081	0.0061	0.0065	0.0125	0.0115	0.0080
23:00-00:00	0.0101	0.0080	0.0110	0.0071	0.0116	0.0025	0.0083
00:00-01:00	0.0090	0.0060	0.0096	0.0075	0.0104	0.0025	0.0090
01:00-02:00	0.0079	0.0089	0.0055	0.0071	0.0108	0.0060	0.0090
02:00-03:00	0.0071	0.0085	0.0097	0.0069	0.0100	0.0076	0.0100
03:00-04:00	0.0020	0.0060	0.0108	0.0069	0.0097	0.0079	0.0115
04:00-05:00	0.0021	0.0066	0.0110	0.0025	0.0097	0.0073	0.0109
05:00-06:00	0.0076	0.0075	0.0119	0.0069	0.0099	0.0025	0.0114
06:00-07:00	0.0078	0.0073	0.0098	0.0075	0.0100	0.0034	0.0099
07:00-08:00	0.0084	0.0071	0.0098	0.0025	0.0100	0.0062	0.0070
08:00-09:00	0.0079	0.0074	0.0086	0.0060	0.0107	0.0057	0.0095
24 Hours Average	0.0090	0.0089	0.0087	0.0082	0.0086	0.0107	0.0094
1 Hour Maximum	0.0163	0.0130	0.0118	0.0138	0.0138	0.0224	0.17

Notes: 1) - Evaluation of National Environmental Standard No.14, 8.4.2018 (2018), published in the Royal Government Gazette No.113 Part 140 dated May 20, 8.4.2018 (2018), and Notification No.26, 8.2.2020 (2020), published in the Royal Government Gazette No.124 Special Part 360 dated May 14, 8.2.2020 (2020) and Notification No.31, 8.2.2020 (2020), published in the Royal Government Gazette No.126 Special Part 1140 dated April 14, 8.2.2020 (2020), under the Enforcement and Consumption of National Environmental Quality Act, 8.6.2018 (1980).

ANALYSIS REPORT

Customer Name : Bangkok Utilities Co., Ltd.
Address : 232 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 19/308 Moo 15, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Air Quality
Measured Point : Project Area
GPS. Coordinate : UTM (AK284) 47P 0530298 E, 1532305 N
Measured Date : May 8-15, 2025
Measured By : Mr.Natad Sridhad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : FOX UV Fluorescence Analyzer Hanna Model 43C Serial Number 73379-379

Quotation No. : AR0025-00386
Analysis No. : 2025-AQ053-001
Report No. : 2025-HAAL771
Report Date : May 30, 2025

Interval Time	Result SO ₂ (ppm)						Standard
	May 8-9, 20	May 9-10, 20	May 10-11, 20	May 11-12, 20	May 12-13, 20	May 13-14, 20	
09:00-10:00	0.0017	0.0019	0.0015	0.0018	0.0010	0.0019	0.0019
10:00-11:00	0.0016	0.0019	0.0018	0.0019	0.0019	0.0019	0.0019
11:00-12:00	0.0018	0.0018	0.0018	0.0019	0.0018	0.0018	0.0018
12:00-13:00	0.0021	0.0018	0.0018	0.0018	0.0017	0.0018	0.0018
13:00-14:00	0.0017	0.0018	0.0018	0.0018	0.0017	0.0017	0.0018
14:00-15:00	0.0017	0.0021	0.0018	0.0019	0.0017	0.0018	0.0018
15:00-16:00	0.0017	0.0019	0.0019	0.0018	0.0018	0.0018	0.0017
16:00-17:00	0.0017	0.0021	0.0019	0.0019	0.0017	0.0017	0.0018
17:00-18:00	0.0018	0.0021	0.0019	0.0019	0.0018	0.0018	0.0018
18:00-19:00	0.0019	0.0021	0.0020	0.0018	0.0017	0.0018	0.0018
19:00-20:00	0.0019	0.0020	0.0019	0.0018	0.0017	0.0018	0.0018
20:00-21:00	0.0020	0.0020	0.0019	0.0017	0.0017	0.0018	0.0018
21:00-22:00	0.0019	0.0020	0.0019	0.0018	0.0019	0.0019	0.0020
22:00-23:00	0.0019	0.0020	0.0020	0.0017	0.0019	0.0020	0.0019
23:00-00:00	0.0020	0.0021	0.0020	0.0017	0.0019	0.0019	0.0019
00:00-01:00	0.0020	0.0020	0.0020	0.0017	0.0019	0.0020	0.0019
01:00-02:00	0.0019	0.0020	0.0019	0.0017	0.0018	0.0019	0.0020
02:00-03:00	0.0019	0.0018	0.0019	0.0018	0.0018	0.0019	0.0020
03:00-04:00	0.0020	0.0018	0.0020	0.0018	0.0019	0.0018	0.0021
04:00-05:00	0.0020	0.0018	0.0019	0.0019	0.0020	0.0018	0.0022
05:00-06:00	0.0020	0.0019	0.0019	0.0020	0.0019	0.0018	0.0021
06:00-07:00	0.0019	0.0018	0.0019	0.0020	0.0019	0.0018	0.0020
07:00-08:00	0.0020	0.0018	0.0019	0.0021	0.0019	0.0018	0.0020
08:00-09:00	0.0019	0.0019	0.0019	0.0020	0.0019	0.0020	0.0020
24 Hours Average	0.0019	0.0019	0.0019	0.0018	0.0018	0.0018	0.0019
1 Hour Maximum	0.0021	0.0022	0.0020	0.0021	0.0020	0.0020	0.0022

Notes: 1) - Evaluation of National Environmental Standard No.14, 8.4.2018 (2018), published in the Royal Government Gazette No.113 Part 140 dated May 20, 8.4.2018 (2018), and Notification No.26, 8.2.2020 (2020), published in the Royal Government Gazette No.124 Special Part 360 dated May 14, 8.2.2020 (2020) and Notification No.31, 8.2.2020 (2020), published in the Royal Government Gazette No.126 Special Part 1140 dated April 14, 8.2.2020 (2020), under the Enforcement and Consumption of National Environmental Quality Act, 8.6.2018 (1980).

2) - Evaluation of National Environmental Standard No.14, 8.4.2018 (2018), published in the Royal Government Gazette No.113 Part 140 dated May 20, 8.4.2018 (2018) and Notification No.26, 8.2.2020 (2020), published in the Royal Government Gazette No.124 Special Part 360 dated May 14, 8.2.2020 (2020) and Notification No.31, 8.2.2020 (2020), published in the Royal Government Gazette No.126 Special Part 1140 dated April 14, 8.2.2020 (2020), under the Enforcement and Consumption of National Environmental Quality Act, 8.6.2018 (1980).

ANALYSIS REPORT

Customer Name	Banpong Utilities Co., Ltd.		
Address	322 GGCO Tower, Witthaya Bangkui Road, Thung Song Hong, Lat Su, Bangkok 10230		
Project Name	Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province		
Project Location	15/388 Moo 13, The Pua, Ban Pong, Ratchaburi		
Measured Source	Ambient Air Quality		
Measured Point	Ban Krok Tambon Health Promoting Hospital		
GPS Coordinate	UTM (WGS84) 47P Q591576 E, 15321074 N		
Measured Date	May 8-15, 2025	Quotation No.	1ARJ2025-00786
Measured By	Mr. NADW Sengthad	Analysis No.	12025-AC053-008
Analysed By	Environment Research & Technology Co., Ltd.	Report No.	12025-RAAL773
Measured Instrument	MXc Chemiluminescence Analyzer Horiba Model APNA-370 Serial Number 1993-6276		
		Report Date	May 30, 2025

Interval Time	Resault Hb _{A1c} (gpm)							Standard ²
	May 8-8, 25	May 9-8, 25	May 10-11, 25	May 11-12, 25	May 12-13, 25	May 13-14, 25	May 14-15, 25	
08:00-09:00	0.0047	0.0064	0.0083	0.0082	0.0070	0.0124	0.0061	
09:00-10:00	0.0042	0.0049	0.0057	0.0044	0.0073	0.0107	0.0064	
10:00-11:00	0.0043	0.0044	0.0044	0.0058	0.0068	0.0104	0.0068	
11:00-12:00	0.0041	0.0039	0.0041	0.0080	0.0074	0.0134	0.0067	
12:00-13:00	0.0038	0.0040	0.0043	0.0054	0.0066	0.0107	0.0125	
13:00-14:00	0.0038	0.0044	0.0058	0.0086	0.0068	0.0099	0.0067	
14:00-15:00	0.0040	0.0049	0.0040	0.0061	0.0069	0.0082	0.0074	
15:00-16:00	0.0049	0.0044	0.0039	0.0073	0.0045	0.0066	0.0064	
16:00-17:00	0.0084	0.0058	0.0045	0.0050	0.0065	0.0134	0.0091	
17:00-18:00	0.0068	0.0077	0.0083	0.0062	0.0083	0.0154	0.0074	
18:00-19:00	0.0095	0.0082	0.0108	0.0085	0.0165	0.0154	0.0091	
19:00-20:00	0.0102	0.0077	0.0076	0.0056	0.0132	0.0180	0.0091	
20:00-21:00	0.0087	0.0080	0.0117	0.0094	0.0199	0.0129	0.0112	
21:00-22:00	0.0103	0.0084	0.0100	0.0057	0.0103	0.0103	0.0123	
22:00-23:00	0.0128	0.0084	0.0074	0.0058	0.0151	0.0098	0.0144	
23:00-00:00	0.0120	0.0079	0.0124	0.0060	0.0152	0.0070	0.0112	
00:00-01:00	0.0105	0.0090	0.0100	0.0077	0.0129	0.0068	0.0087	
01:00-02:00	0.0075	0.0080	0.0082	0.0080	0.0129	0.0083	0.0085	
02:00-03:00	0.0072	0.0079	0.0077	0.0079	0.0109	0.0045	0.0092	
03:00-04:00	0.0067	0.0080	0.0066	0.0082	0.0108	0.0051	0.0105	
04:00-05:00	0.0071	0.0047	0.0055	0.0057	0.0120	0.0077	0.0086	
05:00-06:00	0.0070	0.0066	0.0055	0.0058	0.0120	0.0055	0.0093	
06:00-07:00	0.0080	0.0081	0.0057	0.0088	0.0125	0.0075	0.0111	
07:00-08:00	0.0068	0.0070	0.0072	0.0077	0.0128	0.0051	0.0095	
34 Hour Average	0.0073	0.0083	0.0088	0.0088	0.0111	0.0099	0.0097	
1 Hour Maximum	0.0128	0.0090	0.0124	0.0096	0.0196	0.0154	0.0187	
							0.17	

[illegible]

ANALYSIS REPORT

Customer Name	:Bangkok Utilities Co., Ltd.		
Address	:1112 ESO Tower, Witthai Road, Thung Song Hong, Lat Si, Bangkok 10210		
Project Name	:Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province		
Project Location	:118/908 Moo 19, Tho Pha, Ban Pong, Ratchaburi		
Measured Source	:Ambient Air Quality		
Measured Point	:Ban Khwa Tambon Health Promoting Hospital		
GPS Coordinate	:UTM (WGS84) 49 QSR1576 E, 1531174 N		
Measured Date	:May 8-15, 2025		Quotation No. :AR2025-00296
Measured By	:Ph.Nitai, Saisud		Analysis No. :2025-ADCS-008
Analyzed By	:Environment Research & Technology Co., Ltd.		Report No. :2025-RAAL774
Measured Instrument	:SOLAR Fluorescence Analyzer Thermal Model-431 Serial Number:CH14430003		Report Date :May 30, 2025

Interval Time	Sensit 500 (ppm)								Standard
	May 8-9, 18	May 9-10, 18	May 10-11, 18	May 11-12, 18	May 12-13, 18	May 13-14, 18	May 14-15, 18	May 15-16, 18	
08:00-09:00	0.0019	0.0024	0.0018	0.0018	0.0016	0.0016	0.0013	0.0018	
09:00-10:00	0.0013	0.0027	0.0022	0.0029	0.0025	0.0025	0.0021	0.0017	
10:00-11:00	0.0018	0.0020	0.0025	0.0018	0.0016	0.0016	0.0024	0.0016	
11:00-12:00	0.0017	0.0015	0.0016	0.0017	0.0014	0.0012	0.0022	0.0019	
12:00-13:00	0.0014	0.0016	0.0013	0.0016	0.0014	0.0014	0.0017	0.0019	
13:00-14:00	0.0015	0.0018	0.0015	0.0014	0.0013	0.0013	0.0017	0.0015	
14:00-15:00	0.0017	0.0019	0.0016	0.0015	0.0014	0.0014	0.0016	0.0013	
15:00-16:00	0.0015	0.0020	0.0014	0.0015	0.0012	0.0014	0.0014	0.0019	
16:00-17:00	0.0023	0.0023	0.0017	0.0015	0.0015	0.0013	0.0015	0.0015	
17:00-18:00	0.0016	0.0023	0.0015	0.0015	0.0012	0.0012	0.0015	0.0013	
18:00-19:00	0.0015	0.0018	0.0015	0.0016	0.0012	0.0012	0.0017	0.0013	
19:00-20:00	0.0014	0.0015	0.0015	0.0016	0.0012	0.0017	0.0017	0.0013	
20:00-21:00	0.0022	0.0019	0.0013	0.0015	0.0016	0.0019	0.0019	0.0014	
21:00-22:00	0.0023	0.0013	0.0011	0.0014	0.0016	0.0016	0.0015	0.0018	
22:00-23:00	0.0017	0.0014	0.0014	0.0014	0.0017	0.0017	0.0014	0.0017	
23:00-00:00	0.0020	0.0024	0.0015	0.0016	0.0019	0.0019	0.0014	0.0019	
00:00-01:00	0.0017	0.0020	0.0015	0.0014	0.0019	0.0019	0.0015	0.0019	
01:00-02:00	0.0024	0.0019	0.0013	0.0015	0.0018	0.0018	0.0015	0.0019	
02:00-03:00	0.0021	0.0020	0.0013	0.0015	0.0016	0.0016	0.0017	0.0021	
03:00-04:00	0.0020	0.0019	0.0014	0.0015	0.0019	0.0019	0.0015	0.0021	
04:00-05:00	0.0022	0.0017	0.0014	0.0015	0.0019	0.0019	0.0013	0.0024	
05:00-06:00	0.0023	0.0017	0.0015	0.0014	0.0021	0.0021	0.0014	0.0024	
06:00-07:00	0.0024	0.0016	0.0016	0.0014	0.0021	0.0021	0.0015	0.0024	
07:00-08:00	0.0015	0.0015	0.0017	0.0016	0.0021	0.0021	0.0017	0.0020	
14 Hours Average	0.0013	0.0020	0.0015	0.0016	0.0016	0.0017	0.0019	0.0018	0.0017
1 Hour Maximum	0.0010	0.0027	0.0022	0.0020	0.0023	0.0024	0.0024	0.0024	0.0024

Support ¹¹ Notification of National Environmental Board (NEB), S.R.2016 (1996), published in the Royal Government Gazette No.112 Part 403 (week) May 25, S.R.2508 (1995) and Notification No.24, S.R.2547 (1996), published in the Royal Government Gazette No.121 Special Part 1040 dated November 21, S.R.2547 (1996), under the Environment and Conservation of National Environmental Board (NEB) Act S.R.2016 (1996).

² *Journal of National Government*, Vol. 10, 1, 1972, p. 100. A similar view is expressed in *Journal of National Government*, Vol. 11, 1, 1973, p. 100. See also Vol. 12, 1, 1974, p. 100.



ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 232 EGCO Tower, Witthaval Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, The Phra, Ban Pong, Ratchaburi
Measured Source : Ambient Air Quality
Measured Point : Wat Don Salao
GPS. Coordinate : UTM (WG84) 47P 859441.1 E, 153211.7 N
Measured Date : May 8-15, 2025
Measured By : Mr.Nitai Siriched
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : NOx Chemiluminescence Analyzer Horiba Model APM-170 Serial Number UBL250WU

Quotation No. : IAR025-00396
Analysis No. : 1205-A0053-015
Report No. : 1205-RAAL776
Report Date : May 30, 2025

Interval Time	Result NOx (ppm)							Standard ¹⁾
	May 8-9, 25	May 9-10, 25	May 10-11, 25	May 11-12, 25	May 12-13, 25	May 13-14, 25	May 14-15, 25	
08:00-09:00	0.0039	0.0049	0.0079	0.0094	0.0069	0.0120	0.0063	
09:00-10:00	0.0053	0.0071	0.0070	0.0063	0.0069	0.0094	0.0065	
10:00-11:00	0.0052	0.0059	0.0053	0.0062	0.0059	0.0070	0.0061	
11:00-12:00	0.0062	0.0059	0.0057	0.0068	0.0055	0.0070	0.0064	
12:00-13:00	0.0049	0.0059	0.0068	0.0066	0.0056	0.0064	0.0069	
13:00-14:00	0.0050	0.0050	0.0064	0.0057	0.0053	0.0071	0.0060	
14:00-15:00	0.0046	0.0048	0.0068	0.0057	0.0050	0.0065	0.0058	
15:00-16:00	0.0048	0.0048	0.0053	0.0054	0.0052	0.0066	0.0053	
16:00-17:00	0.0054	0.0059	0.0076	0.0079	0.0051	0.0071	0.0058	
17:00-18:00	0.0069	0.0068	0.0057	0.0057	0.0031	0.0069	0.0057	
18:00-19:00	0.0032	0.0054	0.0056	0.0064	0.0054	0.0110	0.0060	
19:00-20:00	0.0113	0.0061	0.0050	0.0077	0.0032	0.0125	0.0073	
20:00-21:00	0.0083	0.0070	0.0059	0.0065	0.0033	0.0069	0.0070	
21:00-22:00	0.0132	0.0073	0.0058	0.0061	0.0062	0.0110	0.0068	
22:00-23:00	0.0121	0.0068	0.0073	0.0079	0.0101	0.0081	0.0062	
23:00-00:00	0.0133	0.0071	0.0074	0.0075	0.0104	0.0063	0.0060	
00:00-01:00	0.0115	0.0076	0.0071	0.0071	0.0105	0.0069	0.0070	
01:00-02:00	0.0084	0.0069	0.0064	0.0063	0.0102	0.0077	0.0068	
02:00-03:00	0.0084	0.0065	0.0059	0.0065	0.0094	0.0073	0.0113	
03:00-04:00	0.0066	0.0070	0.0059	0.0069	0.0089	0.0071	0.0115	
04:00-05:00	0.0066	0.0067	0.0056	0.0059	0.0081	0.0055	0.0115	
05:00-06:00	0.0069	0.0061	0.0050	0.0056	0.0111	0.0055	0.0127	
06:00-07:00	0.0071	0.0064	0.0055	0.0061	0.0113	0.0090	0.0109	
07:00-08:00	0.0075	0.0063	0.0055	0.0062	0.0107	0.0090	0.0094	
24 Hours Average	0.0078	0.0063	0.0063	0.0066	0.0076	0.0078	0.0078	-
1 Hour Maximum	0.0133	0.0078	0.0079	0.0085	0.0113	0.0125	0.0127	0.17

Remarks : 1) Application of National Environmental Quality Standard (NEQS) (1986), published in the Royal Government Gazette No.112 Part 410 dated May 26, B.E.2530 (1986), Application No.18, B.E.2533 (1991), published in the Royal Government Gazette No.124 Special Part 580 dated May 14, B.E.2535 (1991) and Application No.13, B.E.2538 (1995), published in the Royal Government Gazette No.176 Special Part 1140 dated August 14, B.E.2543 (2000), under the Enforcement and Control of Natural Pollution Quality Act, B.E.2538 (1995).

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 232 EGCO Tower, Witthaval Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, The Phra, Ban Pong, Ratchaburi
Measured Source : Ambient Air Quality
Measured Point : Wat Don Salao
GPS. Coordinate : UTM (WG84) 47P 859441.1 E, 153211.7 N
Measured Date : May 8-15, 2025
Measured By : Mr.Nitai Siriched
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : SOx UV Fluorescence Analyzer Horiba Model APM-170 Serial Number 4X018WNU

Quotation No. : IAR025-00396
Analysis No. : 1205-A0053-015
Report No. : 1205-RAAL776
Report Date : May 30, 2025

Interval Time	Result SOx (ppm)							Standard
	May 8-9, 25	May 9-10, 25	May 10-11, 25	May 11-12, 25	May 12-13, 25	May 13-14, 25	May 14-15, 25	
08:00-09:00	0.0016	0.0004	0.0013	0.0012	0.0004	0.0003	0.0013	
09:00-10:00	0.0017	0.0007	0.0004	0.0013	0.0004	0.0004	0.0013	
10:00-11:00	0.0019	0.0007	0.0011	0.0019	0.0002	0.0013	0.0014	
11:00-12:00	0.0018	0.0022	0.0004	0.0004	0.0004	0.0008	0.0014	
12:00-13:00	0.0010	0.0021	0.0018	0.0023	0.0001	0.0008	0.0014	
13:00-14:00	0.0016	0.0008	0.0009	0.0019	0.0009	0.0007	0.0018	
14:00-15:00	0.0015	0.0023	0.0028	0.0021	0.0008	0.0008	0.0018	
15:00-16:00	0.0017	0.0004	0.0021	0.0023	0.0009	0.0009	0.0018	
16:00-17:00	0.0014	0.0001	0.0008	0.0004	0.0008	0.0008	0.0018	
17:00-18:00	0.0012	0.0007	0.0017	0.0019	0.0015	0.0009	0.0015	
18:00-19:00	0.0013	0.0009	0.0009	0.0010	0.0004	0.0017	0.0013	
19:00-20:00	0.0013	0.0004	0.0009	0.0003	0.0009	0.0017	0.0013	
20:00-21:00	0.0013	0.0012	0.0012	0.0016	0.0014	0.0019	0.0013	
21:00-22:00	0.0012	0.0012	0.0012	0.0023	0.0008	0.0016	0.0013	
22:00-23:00	0.0012	0.0009	0.0013	0.0002	0.0004	0.0016	0.0013	
23:00-00:00	0.0012	0.0008	0.0012	0.0010	0.0015	0.0017	0.0017	
00:00-01:00	0.0013	0.0010	0.0013	0.0019	0.0015	0.0016	0.0017	
01:00-02:00	0.0013	0.0011	0.0013	0.0018	0.0015	0.0016	0.0018	
02:00-03:00	0.0017	0.0011	0.0014	0.0017	0.0019	0.0018	0.0018	
03:00-04:00	0.0010	0.0010	0.0013	0.0015	0.0014	0.0019	0.0019	
04:00-05:00	0.0018	0.0012	0.0012	0.0018	0.0015	0.0015	0.0019	
05:00-06:00	0.0017	0.0010	0.0014	0.0018	0.0015	0.0019	0.0017	
06:00-07:00	0.0018	0.0011	0.0012	0.0019	0.0016	0.0015	0.0017	
07:00-08:00	0.0014	0.0013	0.0013	0.0020	0.0015	0.0017	0.0016	
24 Hours Average	0.0018	0.0016	0.0018	0.0020	0.0018	0.0017	0.0016	0.12 ¹⁾
1 Hour Maximum	0.0020	0.0027	0.0038	0.0036	0.0021	0.0019	0.0021	0.30 ²⁾

Remarks : 1) Application of National Environmental Quality Standard (NEQS) (1986), published in the Royal Government Gazette No.112 Part 410 dated May 26, B.E.2530 (1986), Application No.18, B.E.2533 (1991), published in the Royal Government Gazette No.124 Special Part 580 dated May 14, B.E.2535 (1991) and Application No.13, B.E.2538 (1995), published in the Royal Government Gazette No.176 Special Part 1140 dated August 14, B.E.2543 (2000), under the Enforcement and Control of Natural Pollution Quality Act, B.E.2538 (1995).

2) Application of National Environmental Quality Standard (NEQS) (1986), published in the Royal Government Gazette No.112 Part 410 dated May 26, B.E.2530 (1986), Application No.18, B.E.2533 (1991), published in the Royal Government Gazette No.124 Special Part 580 dated May 14, B.E.2535 (1991) and Application No.13, B.E.2538 (1995), published in the Royal Government Gazette No.176 Special Part 1140 dated August 14, B.E.2543 (2000), under the Enforcement and Control of Natural Pollution Quality Act, B.E.2538 (1995).

ANALYSIS REPORT

Customer Name: : Sarpong Utilities Co., Ltd.
Address: : 222 BOCO Tower, Witthavek Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name: : Steam and Electricity Generating Unit Project, Sarpong District, Ratchaburi Province
Project Location: : 119/306 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source: : Ambient Air Quality
Measured Point: : Wat Lat Bua Khoo School
GPS Coordinate: : UTM (WGS84) 47P 0280401 E, 1531180 N
Measured Date: : May 8-15, 2025
Measured By: : Mr.Nitad Sirichad
Analyzed By: : Environment Research & Technology Co., Ltd.
Measured Instrument: : RDC Chemiluminescence Analyzer Horiba Model APRA-370 Serial Number 588UW50

Quotation No.: : AR2025-00208
Analysis No.: : 2025-AR053-022
Report No.: : 2025-RM4777
Report Date: : May 30, 2025

Interval Time	Result NO _x (ppm)							Standard ¹⁾
	May 8-8, 15	May 9-10, 15	May 10-11, 20	May 11-12, 20	May 12-13, 20	May 13-14, 20	May 14-15, 20	
08:00-09:00	0.0001	0.0000	0.0000	0.0044	0.0000	0.0141	0.0048	
09:00-10:00	0.0000	0.0000	0.0000	0.0040	0.0000	0.0121	0.0000	
10:00-11:00	0.0000	0.0001	0.0000	0.0044	0.0000	0.0111	0.0114	
11:00-12:00	0.0044	0.0000	0.0000	0.0047	0.0000	0.0130	0.0113	
12:00-13:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0114	0.0000	
13:00-14:00	0.0040	0.0040	0.0040	0.0000	0.0000	0.0000	0.0000	
14:00-15:00	0.0040	0.0040	0.0040	0.0000	0.0000	0.0000	0.0000	
15:00-16:00	0.0047	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
16:00-17:00	0.0000	0.0044	0.0000	0.0000	0.0000	0.0140	0.0000	
17:00-18:00	0.0000	0.0040	0.0000	0.0000	0.0000	0.0107	0.0000	
18:00-19:00	0.0044	0.0000	0.0000	0.0000	0.0000	0.0100	0.0000	
19:00-20:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
20:00-21:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
21:00-22:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
22:00-23:00	0.0133	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
23:00-00:00	0.0144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
00:00-01:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
01:00-02:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
02:00-03:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
03:00-04:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
04:00-05:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05:00-06:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
06:00-07:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
07:00-08:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
24 Hours Average	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-
1 Hour Maximum	0.0133	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.17

Remark 1 : ¹⁾ Notification of National Environmental Quality Act 16, B.E.2559 (1995), published in the Royal Government Gazette No.112 Special Part 420 dated May 20, B.E.2559 (1996), Issuance No.28, B.E.2560 (2007), published in the Royal Government Gazette No.124 Special Part 580 dated May 14, B.E.2560 (2007) and Notification No.11, B.E.2560 (2007), published in the Royal Government Gazette No.138 Special Part 1149 dated August 14, B.E.2560 (2007), under the Enforcement and Consolidation of National Environmental Quality Act B.E.2559 (1995).



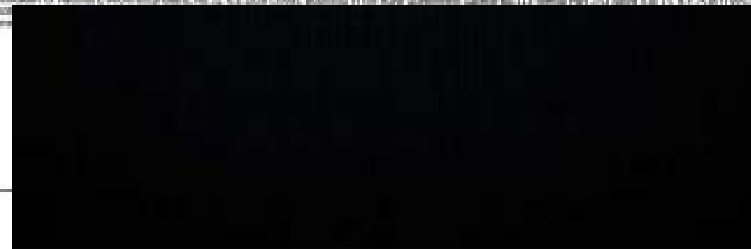
ANALYSIS REPORT

Customer Name: : Sarpong Utilities Co., Ltd.
Address: : 222 BOCO Tower, Witthavek Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name: : Steam and Electricity Generating Unit Project, Sarpong District, Ratchaburi Province
Project Location: : 119/306 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source: : Ambient Air Quality
Measured Point: : Wat Lat Bua Khoo School
GPS Coordinate: : UTM (WGS84) 47P 0280401 E, 1531180 N
Measured Date: : May 8-15, 2025
Measured By: : Mr.Nitad Sirichad
Analyzed By: : Environment Research & Technology Co., Ltd.
Measured Instrument: : SO_x UV-Fluorescence Analyzer Horiba Model APGA-370 Serial Number 65V7050F

Quotation No.: : AR2025-00208
Analysis No.: : 2025-AR053-022
Report No.: : 2025-RM4778
Report Date: : May 30, 2025

Interval Time	Result SO _x (ppm)							Standard ¹⁾
	May 8-8, 15	May 9-10, 15	May 10-11, 20	May 11-12, 20	May 12-13, 20	May 13-14, 20	May 14-15, 20	
08:00-09:00	0.0010	0.0010	0.0010	0.0017	0.0007	0.0000	0.0013	
09:00-10:00	0.0010	0.0000	0.0017	0.0000	0.0017	0.0010	0.0000	
10:00-11:00	0.0000	0.0000	0.0017	0.0017	0.0007	0.0010	0.0000	
11:00-12:00	0.0000	0.0010	0.0010	0.0000	0.0007	0.0000	0.0010	
12:00-13:00	0.0010	0.0010	0.0010	0.0000	0.0017	0.0010	0.0000	
13:00-14:00	0.0000	0.0000	0.0010	0.0010	0.0010	0.0010	0.0010	
14:00-15:00	0.0010	0.0000	0.0000	0.0010	0.0000	0.0000	0.0000	
15:00-16:00	0.0010	0.0000	0.0010	0.0010	0.0000	0.0000	0.0010	
16:00-17:00	0.0010	0.0010	0.0000	0.0010	0.0000	0.0000	0.0010	
17:00-18:00	0.0010	0.0000	0.0010	0.0010	0.0007	0.0010	0.0010	
18:00-19:00	0.0010	0.0000	0.0010	0.0010	0.0007	0.0000	0.0010	
19:00-20:00	0.0010	0.0000	0.0010	0.0010	0.0000	0.0000	0.0010	
20:00-21:00	0.0010	0.0010	0.0010	0.0010	0.0000	0.0010	0.0010	
21:00-22:00	0.0010	0.0010	0.0017	0.0017	0.0000	0.0010	0.0010	
22:00-23:00	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0017	
23:00-00:00	0.0017	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	
00:00-01:00	0.0017	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	
01:00-02:00	0.0017	0.0010	0.0017	0.0010	0.0010	0.0010	0.0010	
02:00-03:00	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	
03:00-04:00	0.0010	0.0010	0.0010	0.0017	0.0010	0.0010	0.0010	
04:00-05:00	0.0010	0.0010	0.0010	0.0017	0.0010	0.0010	0.0010	
05:00-06:00	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	
06:00-07:00	0.0017	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	
07:00-08:00	0.0010	0.0010	0.0010	0.0017	0.0010	0.0010	0.0017	
24 Hours Average	0.0017	0.0017	0.0017	0.0010	0.0010	0.0010	0.0010	0.13 ²⁾
1 Hour Maximum	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.10 ³⁾

Remark 1 : ¹⁾ Notification of National Environmental Quality Act 16, B.E.2559 (1995), published in the Royal Government Gazette No.112 Special Part 420 dated May 20, B.E.2559 (1996), Issuance No.28, B.E.2560 (2007), published in the Royal Government Gazette No.124 Special Part 580 dated May 14, B.E.2560 (2007) and Notification No.11, B.E.2560 (2007), published in the Royal Government Gazette No.138 Special Part 1149 dated August 14, B.E.2560 (2007), under the Enforcement and Consolidation of National Environmental Quality Act B.E.2559 (1995).
²⁾ Notification of National Environmental Quality Act 16, B.E.2559 (1995), published in the Royal Government Gazette No.112 Special Part 420 dated May 20, B.E.2559 (1996), Issuance No.28, B.E.2560 (2007), published in the Royal Government Gazette No.124 Special Part 580 dated May 14, B.E.2560 (2007) and Notification No.11, B.E.2560 (2007), published in the Royal Government Gazette No.138 Special Part 1149 dated August 14, B.E.2560 (2007), under the Enforcement and Consolidation of National Environmental Quality Act B.E.2559 (1995).
³⁾ Notification of National Environmental Quality Act 16, B.E.2559 (1995), published in the Royal Government Gazette No.112 Special Part 420 dated May 20, B.E.2559 (1996), Issuance No.28, B.E.2560 (2007), published in the Royal Government Gazette No.124 Special Part 580 dated May 14, B.E.2560 (2007) and Notification No.11, B.E.2560 (2007), published in the Royal Government Gazette No.138 Special Part 1149 dated August 14, B.E.2560 (2007), under the Enforcement and Consolidation of National Environmental Quality Act B.E.2559 (1995).



ANALYSIS REPORT

Customer Name: Banpong Utilities Co., Ltd.
Address: 222/223 Moo 18, Chinnakorn 1, Ngam Wang Wua Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name: Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location: 118/300 Moo 18, Thung Phra, Ban Pong, Ratchaburi
Measured Source: Ambient Air Quality
Measured Point: Ban Bang Phung Tambon Health Promoting Hospital
GPS. Coordinate: UTM (WGS84) 47P 6592251 E, 1530423 N
Measured Date: May 8-15, 2025
Measured By: Mr.Nitad Sirichad
Analysed By: Environment Research & Technology Co., Ltd.
Measured Instrument: NCK Chemiluminescence Analyzer Horiba Model APNA-370 Serial Number P66WVA03

Quotation No.: 1/AN2025-00286
Analysis No.: 12025-AD053-029
Report No.: 12025-RAAL770
Report Date: May 30, 2025

Interval Time	Result NO _x (ppm)							Standard ¹⁾
	May 8-9, 25	May 9-10, 25	May 10-11, 25	May 11-12, 25	May 12-13, 25	May 13-14, 25	May 14-15, 25	
08:00-09:00	0.0043	0.0068	0.0070	0.0045	0.0045	0.0043	0.0034	
09:00-10:00	0.0037	0.0040	0.0048	0.0058	0.0045	0.0057	0.0040	
10:00-11:00	0.0034	0.0030	0.0048	0.0043	0.0039	0.0045	0.0030	
11:00-12:00	0.0030	0.0035	0.0031	0.0033	0.0033	0.0044	0.0038	
13:00-14:00	0.0035	0.0039	0.0037	0.0032	0.0035	0.0033	0.0037	
14:00-15:00	0.0025	0.0034	0.0031	0.0049	0.0045	0.0035	0.0032	
15:00-16:00	0.0033	0.0030	0.0038	0.0038	0.0037	0.0037	0.0040	
16:00-17:00	0.0038	0.0031	0.0032	0.0034	0.0035	0.0037	0.0030	
17:00-18:00	0.0031	0.0030	0.0036	0.0030	0.0047	0.0036	0.0035	
18:00-19:00	0.0035	0.0034	0.0038	0.0043	0.0045	0.0035	0.0032	
19:00-20:00	0.0048	0.0030	0.0032	0.0033	0.0031	0.0037	0.0037	
20:00-21:00	0.0062	0.0032	0.0030	0.0040	0.0035	0.0037	0.0035	
21:00-22:00	0.0071	0.0032	0.0032	0.0039	0.0033	0.0036	0.0034	
22:00-23:00	0.0037	0.0032	0.0042	0.0040	0.0035	0.0038	0.0034	
23:00-00:00	0.0044	0.0036	0.0034	0.0033	0.0037	0.0032	0.0035	
00:00-01:00	0.0032	0.0047	0.0038	0.0032	0.0031	0.0040	0.0034	
01:00-02:00	0.0037	0.0032	0.0036	0.0048	0.0036	0.0036	0.0036	
02:00-03:00	0.0039	0.0039	0.0032	0.0047	0.0034	0.0039	0.0031	
03:00-04:00	0.0038	0.0037	0.0039	0.0039	0.0034	0.0043	0.0036	
04:00-05:00	0.0038	0.0036	0.0031	0.0033	0.0034	0.0035	0.0035	
05:00-06:00	0.0033	0.0038	0.0031	0.0043	0.0034	0.0037	0.0038	
06:00-07:00	0.0048	0.0044	0.0042	0.0040	0.0039	0.0039	0.0040	
07:00-08:00	0.0032	0.0037	0.0034	0.0037	0.0033	0.0039	0.0031	
24 Hours Average	0.0045	0.0042	0.0039	0.0042	0.0041	0.0040	0.0039	-
1 Hour Maximum	0.0087	0.0069	0.0045	0.0068	0.0047	0.0048	0.0042	0.17

Remark: ¹⁾ Notification of National Environmental Policy, No.15, B.E.2519 (1975), published in the Royal Government Gazette No.112 Part 420 dated May 21, B.E.2519 (1976), Notification No.19, B.E.2547 (1994), published in the Royal Government Gazette No.124 Special Part 340 dated May 14, B.E.2550 (2007) and Notification No.13, B.E.2552 (2009), published in the Royal Government Gazette No.136 Special Part 3349 dated August 14, B.E.2553 (2010), under the Enforcement and Conservation of National Environmental Quality Act B.E.2518 (1975).

ANALYSIS REPORT

Customer Name: Banpong Utilities Co., Ltd.
Address: 222/223 Moo 18, Chinnakorn 1, Ngam Wang Wua Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name: Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location: 118/300 Moo 18, Thung Phra, Ban Pong, Ratchaburi
Measured Source: Ambient Air Quality
Measured Point: Ban Bang Phung Tambon Health Promoting Hospital
GPS. Coordinate: UTM (WGS84) 47P 6592251 E, 1530423 N
Measured Date: May 8-15, 2025
Measured By: Mr.Nitad Sirichad
Analysed By: Environment Research & Technology Co., Ltd.
Measured Instrument: NCK UV Fluorescence Analyzer Thermo Model 43i Serial Number CH4430005

Quotation No.: 1/AN2025-00286
Analysis No.: 12025-AD053-029
Report No.: 12025-RAAL770
Report Date: May 30, 2025

Interval Time	Result SO _x (ppm)							Standard ¹⁾
	May 8-9, 25	May 9-10, 25	May 10-11, 25	May 11-12, 25	May 12-13, 25	May 13-14, 25	May 14-15, 25	
08:00-09:00	0.0034	0.0034	0.0037	0.0015	0.0015	0.0017	0.0018	
09:00-10:00	0.0034	0.0037	0.0038	0.0017	0.0017	0.0019	0.0015	
10:00-11:00	0.0030	0.0034	0.0034	0.0017	0.0017	0.0017	0.0015	
11:00-12:00	0.0035	0.0035	0.0038	0.0018	0.0017	0.0017	0.0014	
12:00-13:00	0.0047	0.0034	0.0013	0.0013	0.0017	0.0017	0.0016	
13:00-14:00	0.0038	0.0033	0.0035	0.0017	0.0017	0.0018	0.0018	
14:00-15:00	0.0017	0.0034	0.0034	0.0018	0.0018	0.0020	0.0018	
15:00-16:00	0.0017	0.0033	0.0034	0.0017	0.0017	0.0018	0.0017	
16:00-17:00	0.0015	0.0034	0.0014	0.0018	0.0018	0.0018	0.0018	
17:00-18:00	0.0026	0.0035	0.0013	0.0019	0.0017	0.0019	0.0018	
18:00-19:00	0.0016	0.0034	0.0013	0.0019	0.0018	0.0018	0.0017	
19:00-20:00	0.0034	0.0011	0.0013	0.0018	0.0017	0.0019	0.0019	
20:00-21:00	0.0014	0.0016	0.0014	0.0018	0.0017	0.0018	0.0018	
21:00-22:00	0.0014	0.0016	0.0017	0.0020	0.0018	0.0018	0.0018	
22:00-23:00	0.0013	0.0017	0.0014	0.0017	0.0018	0.0018	0.0018	
23:00-00:00	0.0016	0.0016	0.0013	0.0018	0.0018	0.0018	0.0018	
00:00-01:00	0.0016	0.0016	0.0013	0.0018	0.0018	0.0018	0.0018	
01:00-02:00	0.0014	0.0018	0.0015	0.0018	0.0018	0.0017	0.0016	
02:00-03:00	0.0015	0.0016	0.0015	0.0017	0.0018	0.0017	0.0017	
03:00-04:00	0.0012	0.0016	0.0014	0.0019	0.0018	0.0016	0.0015	
04:00-05:00	0.0012	0.0016	0.0018	0.0017	0.0018	0.0015	0.0014	
05:00-06:00	0.0015	0.0016	0.0015	0.0018	0.0018	0.0016	0.0015	
06:00-07:00	0.0014	0.0016	0.0017	0.0014	0.0018	0.0014	0.0015	
07:00-08:00	0.0015	0.0018	0.0015	0.0015	0.0018	0.0015	0.0016	
24 Hours Average	0.0015	0.0015	0.0013	0.0017	0.0018	0.0018	0.0018	0.12 ¹⁾
1 Hour Maximum	0.0038	0.0018	0.0018	0.0020	0.0020	0.0022	0.0019	0.30 ²⁾

Remark: ¹⁾ Notification of National Environmental Policy, No.15, B.E.2519 (1975), published in the Royal Government Gazette No.112 Part 420 dated May 21, B.E.2519 (1976) and Notification No.19, B.E.2547 (1994), published in the Royal Government Gazette No.124 Special Part 340 dated August 14, B.E.2550 (2007), under the Enforcement and Conservation of National Environmental Quality Act B.E.2518 (1975).
²⁾ Notification of National Environmental Policy, No.12, B.E.2539 (1996), published in the Royal Government Gazette No.121 Special Part 338 dated May 11, B.E.2539 (1996) and

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/309 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Point : Project Area
GPS Coordinate : UTM (WGS84) 47P 092598 E, 1532305 N
Measured Date : May 8-15, 2025
Measured By : Mr.Nitad Sakhath
Analysed By : Environment Research & Technology Co., Ltd.

Quotation No. : AR2025-00286
Analysis No. : 2025-AR053-001
Report No. : 2025-RAM781
Report Date : May 30, 2025

Date/Time	May 8-9, 25			May 9-10, 25			May 10-11, 25			May 11-12, 25		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
09:00-10:00	31.7	2.2	SW	31.3	2.2	SW	29.8	2.2	W	29.7	1.8	S
10:00-11:00	31.6	2.2	WSW	32.7	2.7	WSW	31.1	2.7	WSW	30.7	2.2	SE
11:00-12:00	34.8	2.2	W	34.1	3.1	WSW	31.9	2.7	W	31.3	1.8	ESE
12:00-13:00	33.9	2.7	W	34.7	2.7	W	33.8	2.7	WSW	32.3	1.8	NW
13:00-14:00	33.9	3.6	W	35.4	2.2	SW	35.0	3.3	WSW	33.5	2.2	NNW
14:00-15:00	34.3	3.1	W	36.0	2.2	S	36.2	3.3	WSW	33.2	2.2	N
15:00-16:00	36.1	1.8	WNW	37.8	2.2	SSE	37.2	2.2	WSW	34.3	2.2	NNE
16:00-17:00	31.9	1.1	S	38.7	1.8	SSE	33.5	4.0	WSW	34.9	2.2	N
17:00-18:00	29.3	1.1	SSE	38.4	2.2	SSE	36.3	2.9	NE	32.4	3.2	ENE
18:00-19:00	29.4	1.1	SE	35.0	3.1	ESE	27.3	2.7	NE	28.1	4.0	SE
19:00-20:00	28.5	3.7	SE	32.0	3.6	ESE	24.4	3.1	ENE	26.6	2.7	SSE
20:00-21:00	29.3	3.7	ESE	31.0	2.6	ESE	23.7	3.1	ENE	26.0	2.2	ESE
21:00-22:00	28.2	2.7	ESE	31.0	1.8	SE	24.1	1.3	SSE	26.0	1.3	NE
22:00-23:00	26.1	2.2	NE	30.2	1.3	NE	24.1	2.7	ESE	25.6	1.3	N
23:00-00:00	27.9	2.7	SE	29.4	1.2	WNW	24.2	2.2	ENE	25.7	0.9	NE
00:00-01:00	28.1	2.2	SE	28.9	1.8	NW	24.4	1.8	E	25.7	1.3	NE
01:00-02:00	28.1	2.7	SSE	28.5	1.8	NW	24.6	1.8	ESE	25.4	0.9	NE
02:00-03:00	28.1	2.2	SE	28.3	2.2	W	24.6	1.8	SE	25.4	0.9	NNW
03:00-04:00	27.8	2.7	SSE	27.7	1.8	WNW	24.7	2.2	SE	25.5	1.3	WNW
04:00-05:00	27.6	2.2	SSE	27.2	1.3	NW	24.2	1.3	NW	25.7	2.2	W
05:00-06:00	27.0	1.8	SE	27.3	1.8	WNW	24.2	1.3	NW	25.3	1.8	WNW
06:00-07:00	26.4	1.3	SSE	27.0	1.8	WNW	24.1	0.9	NE	25.6	1.3	NNW
07:00-08:00	25.9	1.8	SSE	27.1	0.9	ENE	24.7	1.8	E	25.9	1.3	NW
08:00-09:00	26.8	2.2	SSE	26.3	1.3	W	27.0	2.2	ESE	26.3	1.8	NNW

Remark : WS = Wind Speed (m/s)
WD = Wind Direction
Temp. = Temperature (°C)
Height of wind sensor and anemometer above ground 30 meters.

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/309 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Point : Project Area
GPS Coordinate : UTM (WGS84) 47P 092598 E, 1532305 N
Measured Date : May 9-15, 2025
Measured By : Mr.Nitad Sakhath
Analysed By : Environment Research & Technology Co., Ltd.

Quotation No. : AR2025-00286
Analysis No. : 2025-AR053-001
Report No. : 2025-RAM781
Report Date : May 30, 2025

Date/Time	May 13-13, 25			May 13-14, 25			May 14-15, 25		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
09:00-10:00	27.8	1.8	NNW	26.4	1.8	NE	25.2	2.2	NE
10:00-11:00	27.6	2.2	NW	28.4	2.2	ENE	25.9	1.8	ENE
11:00-12:00	27.4	2.7	NNW	28.4	2.2	ENE	27.9	2.2	E
12:00-13:00	28.4	2.7	WNW	30.3	1.8	NE	29.3	2.7	ESE
13:00-14:00	28.3	2.2	NW	30.3	1.8	NE	29.0	3.6	ESE
14:00-15:00	27.1	2.2	NNE	31.3	1.8	NE	30.6	3.6	SE
15:00-16:00	27.9	1.8	NNE	29.4	1.3	NE	30.0	4.0	SE
16:00-17:00	27.8	2.2	NE	29.1	0.9	N	30.0	3.6	SE
17:00-18:00	27.2	1.8	N	29.3	1.8	E	30.1	3.6	SE
18:00-19:00	27.6	1.3	ENE	28.8	2.2	SSE	29.3	3.1	SE
19:00-20:00	26.4	1.8	ENE	27.3	2.2	SSE	29.6	2.2	SSE
20:00-21:00	25.7	1.8	ENE	26.8	2.2	SE	29.0	2.2	ESE
21:00-22:00	25.4	1.3	ENE	26.6	1.8	SE	27.2	1.8	ESE
22:00-23:00	25.4	0.9	ENE	26.7	1.8	SSE	26.8	1.3	ENE
23:00-00:00	25.2	0.9	NE	26.4	1.3	W	26.8	1.3	E
00:00-01:00	25.1	0.9	NNE	25.9	2.7	SE	26.6	1.3	E
01:00-02:00	24.9	0.9	NNE	25.7	3.1	SE	26.5	1.3	NNE
02:00-03:00	24.6	1.3	NNW	25.1	2.2	SE	26.4	1.3	ENE
03:00-04:00	24.6	0.9	ENE	25.3	1.3	ESE	26.1	0.9	NNE
04:00-05:00	24.6	0.9	NNE	25.3	1.3	NNW	26.0	1.3	NNE
05:00-06:00	24.9	0.9	NE	25.1	0.9	N	26.1	1.3	NNW
06:00-07:00	25.0	0.9	NNE	25.1	0.9	NNW	25.8	2.2	ESE
07:00-08:00	25.3	1.3	NE	25.2	0.9	N	25.2	2.2	SE
08:00-09:00	25.6	1.3	NE	25.5	1.3	N	24.9	2.7	SE

Remark : WS = Wind Speed (m/s)
WD = Wind Direction
Temp. = Temperature (°C)
Height of wind sensor and anemometer above ground 30 meters.



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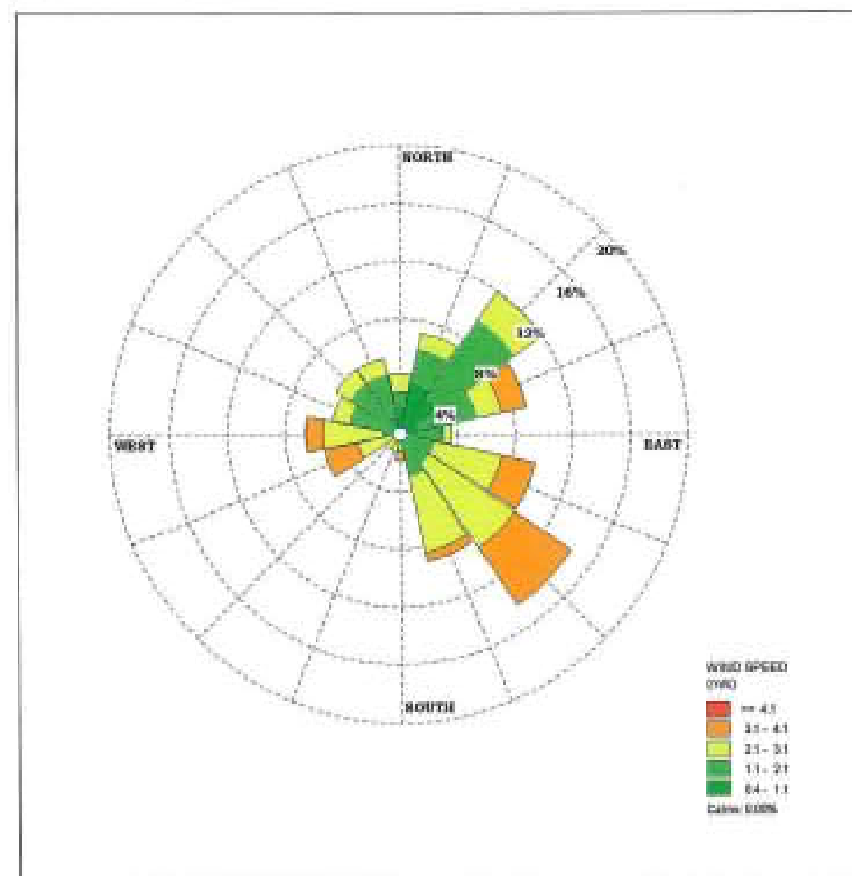
ANALYSIS REPORT

Customer Name	Bangkok Utilities Co., Ltd.		
Address	232 EKKO Tower, Witthayu Road, Lumpini, Bangkok 10210		
Project Name	Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province		
Project Location	10/300 Moo 9B, Tha Pha, Ban Pong, Ratchaburi		
Measured Point	Project Area		
GPS Coordinate	UTM (WGS84) 47P-659,259 E, 153,236 N		
Measured Date	May 15, 2025		
Measured By	H. Nilsat (Signed)		
Analysed By	Environmental Research & Technology Co., Ltd.		
Quotation No.	AK2025-00286		
Analysis No.	2025-AC053-001		
Report No.	2025-RAA1781		
Report Date	May 20, 2025		

Wind Direction	Percentage frequency of wind in each speed and direction					Total
	0-4-1-1	1.1-2-3	3.1-3-1	3.1-4-1	2-4-1	
N	1.78571	1.19048	1.19048	0.00000	0.00000	4.16627
NNE	3.57143	2.38095	1.19048	0.00000	0.00000	7.14286
NE	2.38095	6.34762	1.19048	0.00000	0.00000	11.90476
NNE	1.19048	4.16667	1.78571	1.78571	0.00000	8.92857
E	0.00000	2.38095	6.34762	0.00000	0.00000	3.57143
ESE	0.00000	2.38095	4.16667	2.38095	0.00000	9.92857
SE	0.00000	2.38095	7.14286	4.16667	0.00000	14.28571
SSE	0.00000	2.38095	3.57143	6.34762	0.00000	8.92857
S	0.00000	0.00000	6.34762	6.34762	4.16667	1.78571
SSW	0.00000	0.00000	1.19048	6.34762	0.00000	1.19048
SW	0.00000	0.00000	1.19048	6.34762	0.00000	1.19048
WSW	0.00000	0.00000	2.38095	1.19048	0.00000	3.57143
W	0.00000	1.19048	4.16667	1.19048	0.00000	6.34762
WNW	0.00000	3.57143	1.19048	6.34762	0.00000	4.76190
WW	0.00000	4.16667	1.19048	0.00000	0.00000	5.35715
WNW	1.19048	2.38095	1.19048	6.34762	0.00000	5.35715
Calm				0.00000		

ANALYSIS REPORT

Customer Name	:	Sinpong Utilities Co., Ltd.
Project Name	:	Steam and Electricity Generating Unit Project, Sinpong District, Ratchaburi Province
Measured Point	:	Project Area
Measured Date	:	May 8-15, 2025
Report No.	:	2025-SUAL701



ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 BOCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, The Pua, Ban Pong, Ratchaburi
Measured Point : Ban Khrok Tambon Health Promoting Hospital
GPS. Coordinate : UTM (WGS84) 47P 0501379 E, 1532174 N
Measured Date : May 9-15, 2025
Measured By : Mr.Nitad Sirichad
Analysed By : Environment Research & Technology Co., Ltd.

Quotation No. : AR2025-00286
Analysis No. : 2025-AR003-008
Report No. : 2025-RMAL782
Report Date : May 30, 2025

Date/Time	May 9-10, 25			May 9-10, 25			May 10-11, 25			May 11-12, 25		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
08:00-09:00	31.3	1.3	NE	29.9	1.8	ENE	28.9	1.3	ENE	28.4	1.8	N
09:00-10:00	32.6	1.8	ENE	32.6	1.8	ENE	30.8	2.2	E	31.4	1.8	NE
10:00-11:00	35.3	2.2	ENE	34.3	2.2	ENE	32.0	2.2	E	32.3	1.8	ENE
11:00-12:00	35.9	2.2	E	35.7	2.2	E	32.7	2.7	E	32.9	1.3	NE
12:00-13:00	35.8	2.2	WSW	36.1	2.2	E	35.4	2.7	E	33.9	1.8	ESE
13:00-14:00	34.6	2.7	E	32.3	1.8	ENE	36.1	2.7	E	34.3	1.8	S
14:00-15:00	36.3	1.8	ESE	38.5	1.8	NE	37.4	3.1	E	35.4	1.8	SSW
15:00-16:00	37.3	2.2	E	39.3	1.8	NNE	37.9	2.2	E	35.7	1.8	SSW
16:00-17:00	30.7	2.7	NE	39.8	1.8	NE	38.4	2.6	E	35.6	1.3	WSW
17:00-18:00	29.4	2.2	NE	30.3	1.8	N	28.6	1.3	NNW	32.0	2.2	WNW
18:00-19:00	29.3	1.8	NE	35.8	1.8	NNW	27.1	1.8	SW	27.7	2.7	NNE
19:00-20:00	28.7	1.8	NNE	32.9	2.7	N	24.8	2.7	W	26.9	1.3	NNE
20:00-21:00	28.4	2.2	N	31.9	1.8	NNE	24.4	1.8	NNW	26.8	1.3	N
21:00-22:00	28.3	1.8	N	31.6	0.9	NNE	24.4	0.9	NE	26.3	0.9	ESE
22:00-23:00	28.1	1.3	NNE	30.6	0.9	SSW	24.4	1.3	NW	26.2	0.9	S
23:00-00:00	27.7	0.9	NE	29.9	0.9	SE	24.6	1.3	NNE	26.4	0.9	ESE
00:00-01:00	27.7	0.9	NE	29.3	0.9	SE	24.7	1.3	NE	26.3	0.9	ESE
01:00-02:00	27.4	0.9	NE	29.0	0.9	SSE	24.7	0.9	N	25.9	0.9	ESE
02:00-03:00	27.2	0.9	NE	28.3	1.3	E	24.6	1.3	NE	25.8	0.9	E
03:00-04:00	27.1	0.9	NE	27.8	0.9	E	24.6	0.9	E	25.5	0.9	E
04:00-05:00	26.4	0.9	NE	27.6	0.9	ESE	24.5	0.9	SSE	25.7	1.3	E
05:00-06:00	26.3	0.9	NE	27.6	0.9	ENE	24.6	0.9	SE	25.3	0.9	ESE
06:00-07:00	26.1	1.3	ENE	27.5	0.9	SE	24.7	0.9	NE	25.4	0.9	SE
07:00-08:00	27.2	1.3	NE	28.1	0.9	ENE	25.5	1.3	NNW	26.3	1.3	SE

Remark : WS = Wind Speed (m/s)
 WD = Wind Direction
 Temp. = Temperature (°C)
 Height of wind vane and anemometer above ground 10 meters.



ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 BOCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, The Pua, Ban Pong, Ratchaburi
Measured Point : Ban Khrok Tambon Health Promoting Hospital
GPS. Coordinate : UTM (WGS84) 47P 0501379 E, 1532174 N
Measured Date : May 9-15, 2025
Measured By : Mr.Nitad Sirichad
Analysed By : Environment Research & Technology Co., Ltd.

Quotation No. : AR2025-00286
Analysis No. : 2025-AR003-008
Report No. : 2025-RMAL782
Report Date : May 30, 2025

Date/Time	May 13-14, 25			May 13-14, 25			May 14-15, 25		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
08:00-09:00	27.2	1.3	S	26.3	1.3	S	25.8	0.9	S
09:00-10:00	27.9	1.8	SSE	27.7	1.3	SW	25.6	1.3	WSW
10:00-11:00	28.3	1.2	SSE	29.9	1.8	WNW	26.9	1.3	SSW
11:00-12:00	27.9	1.8	SSE	30.3	1.3	WSW	26.6	1.3	W
12:00-13:00	29.8	2.2	SE	30.8	1.3	SSE	30.8	1.8	W
13:00-14:00	28.9	1.8	SSW	31.0	1.3	SSW	31.3	2.2	W
14:00-15:00	28.5	1.3	SSW	32.1	1.3	SW	32.3	2.2	NW
15:00-16:00	29.3	1.3	SW	29.1	0.9	SSW	31.8	2.2	WSW
16:00-17:00	28.3	1.3	SW	29.8	0.9	SSE	30.9	2.2	NW
17:00-18:00	28.0	1.3	SW	29.7	1.3	N	30.7	1.8	NW
18:00-19:00	27.7	0.9	SSW	29.3	0.9	NE	29.4	1.8	NNW
19:00-20:00	26.9	1.8	WSW	27.3	0.9	NNE	28.9	1.3	NW
20:00-21:00	26.4	1.3	WSW	26.8	0.9	NNE	28.2	0.9	NNW
21:00-22:00	26.2	1.3	SW	26.8	0.9	NNE	28.1	1.3	NW
22:00-23:00	26.0	0.9	SE	26.5	0.9	NE	27.4	0.9	ESE
23:00-00:00	25.7	0.9	SSE	26.4	0.9	NNE	27.5	0.9	SE
00:00-01:00	25.8	0.9	SSW	25.8	1.3	NNE	27.1	0.9	SE
01:00-02:00	25.6	0.9	SSE	25.5	1.8	N	27.1	0.9	SSE
02:00-03:00	25.1	0.9	S	25.3	0.9	NNE	26.8	0.9	SSE
03:00-04:00	25.2	0.9	S	25.3	0.9	NE	26.4	0.9	ESE
04:00-05:00	25.3	0.9	SE	25.3	0.9	ESE	26.3	0.9	SE
05:00-06:00	25.6	0.9	SE	25.4	0.9	SE	26.5	1.3	SW
06:00-07:00	25.6	0.9	SSE	25.3	0.9	SSE	26.3	1.8	WSW
07:00-08:00	25.9	0.9	S	25.4	0.9	ESE	26.0	1.8	NW

Remark : WS = Wind Speed (m/s)
 WD = Wind Direction
 Temp. = Temperature (°C)
 Height of wind vane and anemometer above ground 10 meters.



ANALYSIS REPORT

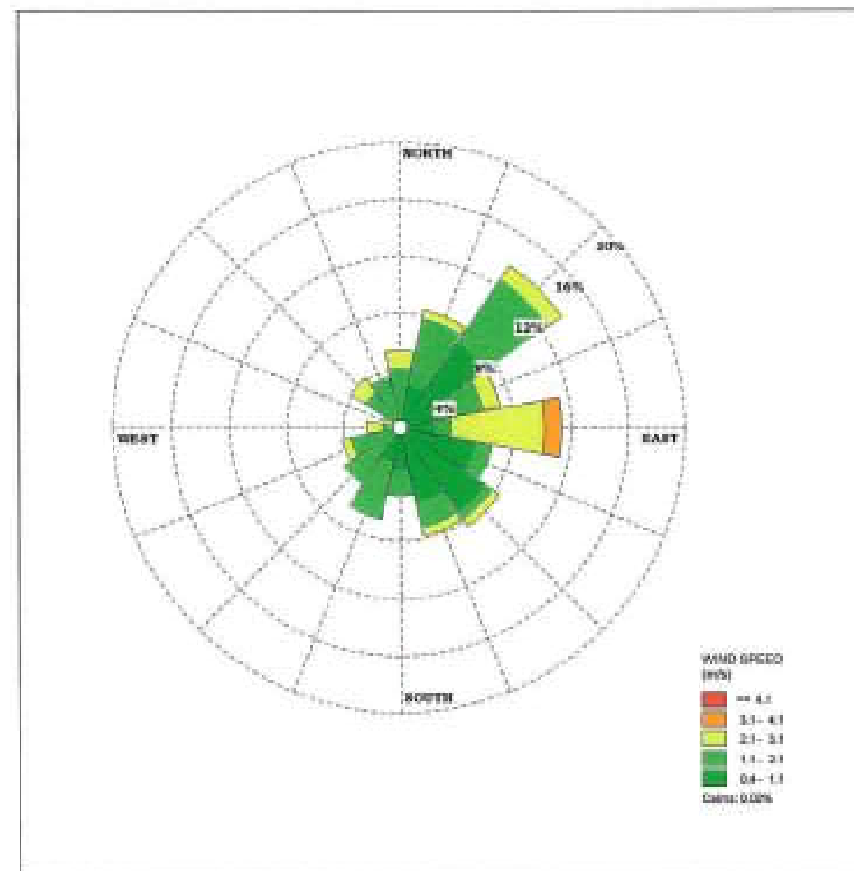
Customer Name : Banpong Uthairat Co., Ltd.
 Address : 221 EOOO Tower, Wishevat Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
 Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
 Project Location : 113/309-760 19, Tho Pha, Ban Hong, Ratchaburi
 Measured Point : Ban Khrok Tambon Health Promoting Hospital
 GPS Coordinate : UTM (WGS84) 47P-6591576 E, 1532174 N
 Measured Date : May 8-15, 2025
 Measured By : Mr. Nitai Seidvat
 Analyzed By : Environment Research & Technology Co., Ltd.

Quotation No. : AR1025-00286
 Analysis No. : 2025-AD053-008
 Report No. : 2025-RAAL783
 Report Date : May 30, 2025

Wind Direction	Percentage frequency of wind in each speed and direction					Total
	0.4-1.1	1.1-2.1	2.1-3.1	3.1-4.1	≥4.1	
N	0.58521	3.57143	1.19048	0.00000	0.00000	5.25715
NNE	2.97619	4.76190	0.59524	0.00000	0.00000	8.33333
NE	7.14286	5.35714	1.19048	0.00000	0.00000	13.69048
ENE	1.36095	3.57143	1.19048	0.00000	0.00000	7.14286
E	2.38095	1.19048	6.54762	1.19048	0.00000	11.28953
ESE	5.35714	1.19048	0.00000	0.00000	0.00000	6.54762
SE	7.14286	0.59524	0.59524	0.00000	0.00000	8.33334
SSE	5.35714	1.78571	0.59524	0.00000	0.00000	7.73809
S	2.97619	4.76190	0.00000	0.00000	0.00000	7.73809
SSW	2.38095	4.16667	0.00000	0.00000	0.00000	6.54762
SW	0.00000	4.76190	0.00000	0.00000	0.00000	4.76190
WSW	0.00000	3.57143	0.59524	0.00000	0.00000	4.16667
W	0.00000	1.19048	1.19048	0.00000	0.00000	2.38096
WNW	0.00000	0.00000	1.19048	0.00000	0.00000	1.19048
NW	0.00000	2.97619	1.19048	0.00000	0.00000	4.16667
NNW	0.59524	2.97619	0.00000	0.00000	0.00000	3.57143
Calm	0.00000					

ANALYSIS REPORT

Customer Name : Banpong Uthairat Co., Ltd.
 Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
 Measured Point : Ban Khrok Tambon Health Promoting Hospital
 Measured Date : May 8-15, 2025
 Report No. : 2025-RAAL783



ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 BCCD Tower, Vibhadda Rangit Road, Thung Song Hong, Lat 5, Bangkok 10214
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/200 Moo 18, Tha Phay, Ban Pong, Ratchaburi
Measured Point : Wat Don Salao
GPS Coordinate : UTM (WG84) 47P 0594411 E, 1532117 N
Measured Date : May 8-15, 2025
Measured By : Mr.Nitai Srikrad
Analyzed By : Environment Research & Technology Co., Ltd.

Quotation No. : AR2025-00285
Analysis No. : 2025-AC050-015
Report No. : 2025-RAAL783
Report Date : May 30, 2025

Date/Time	May 8-9, 25			May 9-10, 25			May 10-11, 25			May 11-12, 25		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
06:00-06:05	31.6	<0.4	Calm	30.9	0.4	NE	30.1	<0.4	Calm	27.6	0.4	SE
06:05-06:10	31.6	<0.4	Calm	31.5	0.4	NNE	31.5	0.4	NE	31.3	0.4	WSW
06:10-06:15	35.1	0.4	NNE	35.2	0.4	NNE	32.8	0.4	N	31.5	0.4	SSW
11:00-12:00	35.6	0.4	NNE	36.1	0.4	NNE	31.3	0.4	NNE	32.1	0.4	SE
12:00-13:00	35.7	0.4	NE	37.8	0.9	N	36.2	0.4	N	34.1	0.4	E
13:00-14:00	35.0	0.9	N	38.2	0.9	NNE	36.7	0.9	NNE	34.2	0.9	WNW
14:00-15:00	36.3	0.9	N	38.5	0.9	NNE	38.5	0.9	NNE	35.2	0.9	WNW
15:00-16:00	36.5	0.9	NNE	37.9	0.9	NNE	37.9	0.9	NNE	34.9	0.9	WNW
16:00-17:00	31.8	0.4	NNE	38.4	0.9	NNE	39.7	0.4	NNE	34.7	0.9	WNW
17:00-18:00	30.1	0.4	NNE	36.3	0.4	NNE	27.8	0.9	NNE	29.3	1.3	ESE
18:00-19:00	29.9	0.4	NE	34.1	0.4	NNE	26.8	0.9	NNE	27.8	0.9	SE
19:00-20:00	29.2	<0.4	Calm	32.7	<0.4	Calm	24.9	1.3	E	27.3	0.4	SE
20:00-21:00	28.9	<0.4	Calm	31.6	<0.4	Calm	24.6	0.9	E	27.1	0.4	ESE
21:00-22:00	28.8	<0.4	Calm	31.3	<0.4	Calm	24.8	<0.4	Calm	26.8	<0.4	Calm
22:00-23:00	28.6	<0.4	Calm	30.8	0.4	NNE	25.0	0.9	E	26.3	<0.4	Calm
23:00-00:00	28.6	<0.4	Calm	30.5	0.4	N	25.2	0.4	E	26.7	<0.4	Calm
00:00-01:00	28.4	<0.4	Calm	30.1	0.4	ENE	26.3	0.4	SE	26.4	<0.4	Calm
01:00-02:00	28.1	<0.4	Calm	29.8	<0.4	Calm	25.1	0.4	ESE	26.5	<0.4	Calm
02:00-03:00	27.7	<0.4	Calm	29.3	<0.4	Calm	26.2	0.4	SSE	26.4	<0.4	Calm
03:00-04:00	27.6	<0.4	Calm	28.8	<0.4	Calm	26.3	0.4	WSW	26.8	<0.4	Calm
04:00-05:00	27.2	<0.4	Calm	28.4	<0.4	Calm	26.2	0.4	NW	26.6	0.4	WSW
05:00-06:00	27.0	0.4	NE	28.4	<0.4	Calm	25.2	0.4	NW	26.3	<0.4	Calm
06:00-07:00	26.6	0.9	NNE	28.9	<0.4	Calm	25.1	0.4	E	26.2	<0.4	Calm
07:00-08:00	27.9	0.9	NNE	28.4	<0.4	Calm	25.9	0.4	SE	27.2	<0.4	Calm

Remark : WS = Wind Speed (m/s)
WD = Wind Direction
Temp = Temperature (°C)
Height of wind vane and anemometer above ground 33 meters

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 BCCD Tower, Vibhadda Rangit Road, Thung Song Hong, Lat 5, Bangkok 10214
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/200 Moo 18, Tha Phay, Ban Pong, Ratchaburi
Measured Point : Wat Don Salao
GPS Coordinate : UTM (WG84) 47P 0594411 E, 1532117 N
Measured Date : May 8-15, 2025
Measured By : Mr.Nitai Srikrad
Analyzed By : Environment Research & Technology Co., Ltd.

Quotation No. : AR2025-00288
Analysis No. : 2025-AC050-015
Report No. : 2025-RAAL783
Report Date : May 30, 2025

Date/Time	May 12-13, 25			May 13-14, 25			May 14-15, 25		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
08:00-09:00	27.7	0.4	WNW	26.4	0.9	ENE	26.3	0.4	ENE
09:00-10:00	38.2	1.3	NNW	27.2	0.9	ESE	25.4	0.9	ENE
10:00-11:00	36.3	1.8	NNW	28.3	1.3	E	27.2	0.9	NE
11:00-12:00	38.3	1.8	NNW	30.1	1.8	E	28.8	1.3	ESE
12:00-13:00	29.8	2.2	NNW	30.7	0.9	ESE	29.5	2.2	SE
13:00-14:00	36.7	1.8	NNE	30.7	0.9	N	30.0	9.1	SE
14:00-15:00	27.3	0.9	NNE	31.0	0.9	ESE	30.7	3.1	SE
15:00-16:00	28.2	0.9	NE	29.6	0.4	N	30.3	4.8	SE
16:00-17:00	28.0	1.3	E	30.0	0.4	E	30.1	2.7	SE
17:00-18:00	27.5	0.9	E	29.9	0.9	SE	29.8	2.2	SE
18:00-19:00	27.4	0.9	ESE	29.1	0.4	SW	29.4	1.8	SSE
19:00-20:00	26.8	0.9	ESE	27.9	0.9	S	28.8	0.9	SSE
20:00-21:00	26.6	0.9	ESE	27.6	0.9	S	28.1	0.4	ESE
21:00-22:00	26.4	0.4	ESE	27.4	0.4	S	27.8	0.4	ENE
22:00-23:00	26.2	0.4	ESE	27.3	0.4	S	27.6	<0.4	Calm
23:00-00:00	26.2	<0.4	Calm	27.1	0.4	WSW	27.7	0.4	ENE
00:00-01:00	26.1	<0.4	Calm	26.5	0.9	S	27.4	<0.4	Calm
01:00-02:00	25.9	0.4	N	26.1	1.3	SSE	27.6	0.4	N
02:00-03:00	25.6	<0.4	Calm	25.9	0.4	S	27.3	0.4	NE
03:00-04:00	25.5	<0.4	Calm	26.1	<0.4	Calm	27.1	0.4	N
04:00-05:00	25.8	<0.4	Calm	26.0	0.4	WSW	27.8	<0.4	Calm
05:00-06:00	26.0	0.4	N	26.2	0.4	NNW	26.7	0.9	E
06:00-07:00	26.1	0.4	ENE	26.1	0.4	NNW	26.9	1.3	ENE
07:00-08:00	26.3	0.4	E	26.2	0.4	NW	26.8	1.3	SE

Remark : WS = Wind Speed (m/s)
WD = Wind Direction
Temp = Temperature (°C)
Height of wind vane and anemometer above ground 33 meters

ANALYSIS REPORT

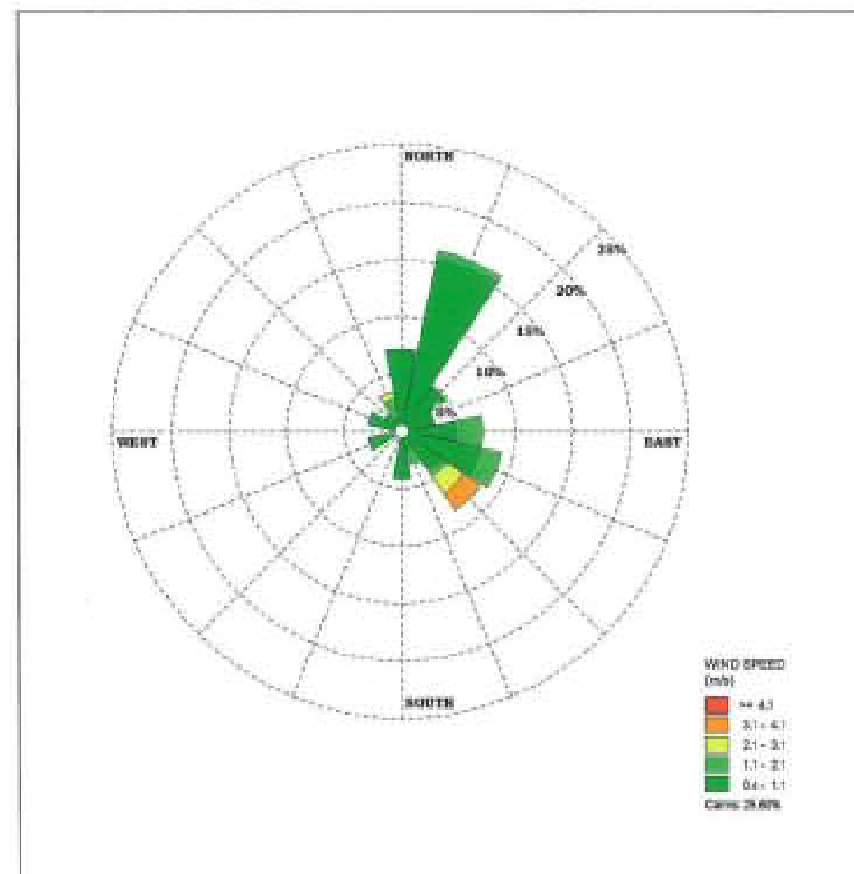
Customer Name : Sarpong Utilities Co., Ltd.
Address : 322 EGCO Tower, Vibhorad Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Sarpong District, Ratchaburi Province
Project Location : 18/205 Moo 10, Tha Pha, Ban Pong, Ratchaburi
Measured Point : Wat Don Salao
GPS. Coordinate : 13°05'48"N 99°45'54"E, 1532117 N
Measured Date : May 8-15, 2025
Measured By : Mr. Nitad Saitad
Analysed By : Environment Research & Technology Co., Ltd.

Quotation No. : AR0025-00286
Analysis No. : 2025-AC003-016
Report No. : 2025-RAL0793
Report Date : May 30, 2025

Wind Direction	Percentage frequency of wind in each speed and direction					Total
	0.4-1.1	1.1-2.1	2.1-3.1	3.1-4.1	≥4.1	
N	7.14286	0.00000	0.00000	0.00000	0.00000	7.14286
NNE	15.47619	0.59524	0.00000	0.00000	0.00000	16.07144
NE	4.76190	0.00000	0.00000	0.00000	0.00000	4.76190
ENE	2.97619	0.00000	0.00000	0.00000	0.00000	2.97619
E	4.76190	2.38095	0.00000	0.00000	0.00000	7.14286
ESE	7.14286	1.78571	0.00000	0.00000	0.00000	8.92857
SE	4.16667	0.59524	1.78571	1.78571	0.00000	8.33333
SSE	1.78571	1.19048	0.00000	0.00000	0.00000	2.97619
S	4.16667	0.00000	0.00000	0.00000	0.00000	4.16667
SSW	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
SW	0.59524	0.00000	0.00000	0.00000	0.00000	0.59524
WSW	2.97619	0.00000	0.00000	0.00000	0.00000	2.97619
W	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
WNW	2.97619	0.00000	0.00000	0.00000	0.00000	2.97619
NW	1.78571	0.00000	0.00000	0.00000	0.00000	1.78571
NNW	1.19048	1.78571	0.59524	0.00000	0.00000	3.57143
Calm	25.99520					

ANALYSIS REPORT

Customer Name : Sarpong Utilities Co., Ltd.
Project Name : Steam and Electricity Generating Unit Project, Sarpong District, Ratchaburi Province
Measured Point : Wat Don Salao
Measured Date : May 8-15, 2025
Report No. : 2025-RAL0793



ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGO Tower, Witthawat Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/009 Moo 19, The Phra, Ban Pong, Ratchaburi
Measured Point : Wat Lat Bua Khoo School
GPS Coordinate : UTM (WGS84) 47P 0590507 E, 1531216 N
Measured Date : May 8-15, 2025
Measured By : Mr.Nitad Sirichad
Analyzed By : Environment Research & Technology Co., Ltd.

Quotation No. : AR2025-00286
Analysis No. : 2025-AC053-022
Report No. : 2025-RAAL785
Report Date : May 30, 2025

Date/Time	May 8-9, 25			May 9-10, 25			May 10-11, 25			May 11-12, 25		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
08:00-09:00	30.2	0.4	NE	28.7	1.3	ENE	27.9	0.9	ENE	27.5	1.3	N
09:00-10:00	33.2	0.9	ENE	31.6	1.3	ENE	30.0	0.9	E	30.3	1.3	NE
10:00-11:00	35.0	0.9	ENE	33.3	1.3	ENE	31.1	1.3	E	30.7	1.3	NNE
11:00-12:00	35.0	1.3	E	35.4	0.9	E	32.0	1.3	E	31.1	0.9	NE
12:00-13:00	33.7	1.3	ESE	35.8	0.9	E	35.4	1.3	E	31.3	0.9	S
13:00-14:00	34.0	1.3	E	36.7	0.9	ENE	36.7	0.9	E	31.9	1.3	ESE
14:00-15:00	34.6	1.3	ESE	37.0	1.3	NE	36.7	0.9	E	34.1	1.3	S
15:00-16:00	35.6	0.9	E	36.8	1.3	NNE	36.4	0.9	E	33.7	1.3	SSE
16:00-17:00	29.4	0.9	NE	37.4	0.9	NE	28.3	0.4	E	33.9	0.9	SSW
17:00-18:00	28.1	0.4	NE	36.1	0.9	N	27.5	0.4	NNW	28.8	1.8	NNW
18:00-19:00	28.1	0.4	NE	33.3	0.9	NNW	26.3	0.4	SW	25.5	2.7	N
19:00-20:00	27.9	<0.4	Calm	33.9	1.3	N	24.0	0.4	W	25.9	1.3	NNE
20:00-21:00	27.4	<0.4	Calm	31.0	0.9	NNE	23.3	<0.4	Calm	25.7	0.9	NNE
21:00-22:00	27.2	<0.4	Calm	30.3	0.9	ENE	23.5	<0.4	Calm	25.9	0.4	NE
22:00-23:00	27.1	<0.4	Calm	29.7	0.4	SSW	23.5	<0.4	Calm	25.6	0.4	SSE
23:00-00:00	26.8	<0.4	Calm	28.8	<0.4	Calm	23.7	<0.4	Calm	25.8	<0.4	Calm
00:00-01:00	24.7	<0.4	Calm	28.8	<0.4	Calm	23.8	<0.4	Calm	25.3	<0.4	Calm
01:00-02:00	26.3	<0.4	Calm	28.1	<0.4	Calm	23.8	<0.4	Calm	25.1	<0.4	Calm
02:00-03:00	26.3	<0.4	Calm	27.2	<0.4	Calm	23.7	<0.4	Calm	25.1	<0.4	Calm
03:00-04:00	25.0	<0.4	Calm	36.9	<0.4	Calm	23.7	0.4	E	25.1	<0.4	Calm
04:00-05:00	25.1	0.4	NE	24.7	<0.4	Calm	23.7	0.4	SSE	24.9	0.4	E
05:00-06:00	25.3	0.9	NE	36.7	0.4	ENE	23.7	0.9	SE	24.6	0.4	SE
06:00-07:00	25.3	0.9	ENE	36.7	0.4	SE	23.7	0.9	NE	24.6	0.4	NE
07:00-08:00	25.7	0.9	NE	27.2	0.4	ENE	24.4	0.9	NNW	25.3	0.4	SE

Remark : WS = Wind Speed (m/s)
 WD = Wind Direction
 Temp. = Temperature (°C)
 Height of wind sensor and thermometer above ground: 30 meters



ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGO Tower, Witthawat Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/009 Moo 19, The Phra, Ban Pong, Ratchaburi
Measured Point : Wat Lat Bua Khoo School
GPS Coordinate : UTM (WGS84) 47P 0590507 E, 1531216 N
Measured Date : May 8-15, 2025
Measured By : Mr.Nitad Sirichad
Analyzed By : Environment Research & Technology Co., Ltd.

Quotation No. : AR2025-00286
Analysis No. : 2025-AC053-022
Report No. : 2025-RAAL785
Report Date : May 30, 2025

Date/Time	May 12-13, 25			May 13-14, 25			May 14-15, 25		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
08:00-09:00	25.9	0.0	SE	25.3	0.4	SE	24.9	0.4	ESE
09:00-10:00	26.7	1.3	ESE	26.0	0.4	WNW	24.7	0.4	W
10:00-11:00	27.0	2.2	ESE	28.0	0.4	W	23.6	0.4	SSE
11:00-12:00	26.6	1.3	ESE	28.1	0.9	WNW	27.9	0.4	NW
12:00-13:00	27.7	2.2	ESE	29.5	0.9	NW	29.1	0.9	NW
13:00-14:00	27.6	1.8	ESE	29.3	0.9	ESE	30.7	1.3	WNW
14:00-15:00	27.8	0.9	SE	30.3	0.4	W	29.9	2.2	WNW
15:00-16:00	27.8	0.4	E	27.8	0.4	NW	29.8	2.7	WNW
16:00-17:00	27.8	0.9	W	29.1	<0.4	Calm	29.3	2.2	WNW
17:00-18:00	27.3	0.4	WNW	28.6	0.4	NW	28.8	1.8	WNW
18:00-19:00	27.2	0.4	WNW	27.3	0.4	NE	28.3	0.9	NW
19:00-20:00	26.3	0.4	WNW	26.3	0.4	NE	27.6	0.4	NNW
20:00-21:00	25.8	<0.4	Calm	26.0	0.4	NNE	27.3	0.4	NNW
21:00-22:00	25.5	<0.4	Calm	25.8	<0.4	Calm	26.7	<0.4	Calm
22:00-23:00	25.3	<0.4	Calm	26.7	0.4	NNE	26.3	<0.4	Calm
23:00-00:00	25.2	<0.4	Calm	25.6	0.4	NNE	26.1	<0.4	Calm
00:00-01:00	24.9	<0.4	Calm	24.9	0.9	N	26.1	<0.4	Calm
01:00-02:00	24.8	<0.4	Calm	24.7	0.4	NNW	26.2	<0.4	Calm
02:00-03:00	24.6	<0.4	Calm	24.5	0.4	N	26.2	<0.4	Calm
03:00-04:00	24.4	<0.4	Calm	24.6	<0.4	Calm	25.7	<0.4	Calm
04:00-05:00	24.6	<0.4	Calm	24.5	<0.4	Calm	25.6	<0.4	Calm
05:00-06:00	24.8	<0.4	Calm	24.7	<0.4	Calm	25.7	<0.4	Calm
06:00-07:00	24.7	<0.4	Calm	24.8	<0.4	Calm	25.4	0.4	WNW
07:00-08:00	25.0	0.4	SE	24.5	<0.4	Calm	24.8	1.3	WNW

Remark : WS = Wind Speed (m/s)
 WD = Wind Direction
 Temp. = Temperature (°C)
 Height of wind sensor and thermometer above ground: 30 meters



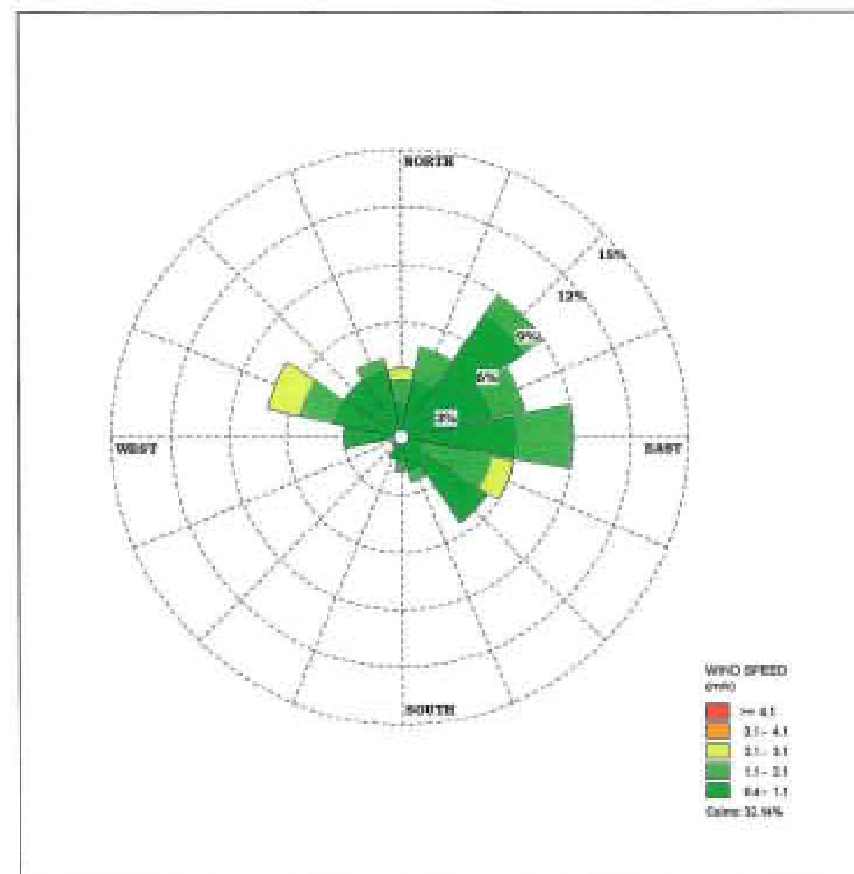
ANALYSIS REPORT

Customer Name	Bangpoo (BKKBS Co., Ltd.)		
Address	221 ESOC Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lat 3, Bangkok 10210		
Project Name	Steam and Electricity Generating Unit Project, Bangpoo District, Ratchaburi Province		
Project Location	18/309 Moo 10, The Pua, Ban Pong, Ratchaburi		
Measured Point	Wat Lat Bua Khoo School		
GPS. Coordinate	UTM (WGS84) 47P 0390807 E, 1301214 N		
Measured Date	May 8-15, 2015		
Measured By	Mr.Nitid Sanchai		
Analized By	Environment Research & Technology Co., Ltd.		
Quotation No.			
Analysis No.			
Report No.			
Report Date			

Wind Direction	Percentage frequency of wind in each speed and direction					
	0.4-2.3	2.3-3.1	3.1-3.9	3.9-4.7	4.7-5	Total
N	1.78571	1.19048	2.38095	0.00000	0.00000	3.57143
NNE	2.96199	1.78571	0.00000	0.00000	0.00000	4.74770
NE	2.79619	1.19048	0.00000	0.00000	0.00000	3.98667
ENE	4.76190	1.78571	0.00000	0.00000	0.00000	6.54761
E	5.95238	2.96199	0.00000	0.00000	0.00000	8.91437
ESE	1.19048	3.57143	1.19048	0.00000	0.00000	5.95238
SE	3.57143	0.00000	0.00000	0.00000	0.00000	3.57143
SSE	1.78571	0.59524	0.00000	0.00000	0.00000	2.38095
S	1.19048	0.59524	0.00000	0.00000	0.00000	1.78571
SSW	1.19048	0.00000	0.00000	0.00000	0.00000	1.19048
SW	0.59524	0.00000	0.00000	0.00000	0.00000	0.59524
WSW	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
W	2.96199	0.00000	0.00000	0.00000	0.00000	2.96199
WNW	3.57143	1.78571	1.78571	0.00000	0.00000	7.14285
W	3.57143	0.00000	0.00000	0.00000	0.00000	3.57143
WNW	3.57143	0.59524	0.00000	0.00000	0.00000	4.16667
Total	12.14285					

ANALYSIS REPORT

Customer Name	1 Sarpong Utilities Co., Ltd.
Project Name	2 Steam and Electricity Generating Unit Project, Sarpong District, Satchkruasi Province
Measured Point	3 Wat Lat Nuea Chao School
Measured Date	4 May 8-15, 2025
Report No.	5 2025-SAMA-789



ANALYSIS REPORT

Customer Name: Ban Bang Utilities Co., Ltd.
Address: 222 EGO Tower, Witthani Rangsri Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name: Steam and Electricity Generating Unit Project, Ban Bang District, Ratchaburi Province
Project Location: 19/300 Moo 19, The Pua, Ban Pong, Ratchaburi
Measured Point: Ban Bang Phang Tambon Health Promoting Hospital
GPS Coordinate: UTM (WGS84) 47P 0942271 E, 1530457 N
Measured Date: May 8-15, 2025
Measured By: Mr. Nitad Sirichad
Analyzed By: Environment Research & Technology Co., Ltd.

Quotation No.: ARQ2025-00286
Analysis No.: 2025-AC053-629
Report No.: 2025-BMAL786
Report Date: May 30, 2025

Date/Time	May 9-10, 25			May 9-10, 25			May 13-14, 25			May 13-14, 25		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
08:00-09:00	29.7	1.3	ENE	28.5	1.8	ENE	27.8	0.9	NE	25.7	1.3	N
09:00-10:00	31.8	1.8	ENE	31.8	1.8	ENE	29.5	1.3	ENE	29.2	1.3	NNE
10:00-11:00	32.5	1.3	ENE	33.3	2.2	ENE	31.6	1.8	ENE	31.3	1.8	N
11:00-12:00	33.3	1.3	E	33.7	2.2	E	32.8	1.8	ENE	32.1	1.3	NNE
12:00-13:00	35.7	1.3	ENE	35.4	1.8	ENE	33.7	1.8	ENE	33.4	1.3	NE
13:00-14:00	34.6	1.8	E	36.7	1.8	NE	36.2	2.2	ENE	35.7	1.3	N
14:00-15:00	35.8	1.8	ENE	37.3	1.8	NNE	37.1	2.2	ENE	35.9	1.8	SSW
15:00-16:00	36.7	1.8	ENE	38.8	1.8	NNE	38.1	1.8	NE	34.8	1.8	SSW
16:00-17:00	30.8	2.2	NE	39.3	1.8	N	36.1	2.2	NE	35.3	1.8	SSW
17:00-18:00	29.8	2.2	NE	38.8	1.8	NNE	36.1	1.8	N	33.3	2.2	WSW
18:00-19:00	29.2	1.8	NE	36.4	2.7	NNW	26.8	1.8	W	28.6	3.1	N
19:00-20:00	28.8	1.8	NNE	33.3	2.7	NNW	25.3	2.2	WSW	27.8	1.8	NE
20:00-21:00	28.2	2.2	N	31.9	2.2	NNW	24.8	2.2	W	26.8	1.3	ENE
21:00-22:00	28.1	1.8	N	30.8	1.3	NNE	24.3	0.9	NNE	27.2	<0.4	Calm
22:00-23:00	27.8	1.3	NNE	30.1	0.4	SW	24.1	1.3	N	26.5	1.3	ENE
23:00-00:00	27.7	0.8	NE	29.8	0.8	NE	24.3	1.3	W	26.6	0.9	ENE
00:00-01:00	27.6	0.8	NE	29.6	0.9	ENE	24.3	0.9	NNE	26.5	0.9	ENE
01:00-02:00	27.4	0.8	NE	29.1	0.8	ENE	24.4	0.8	NNE	26.5	0.8	ENE
02:00-03:00	27.1	0.8	NE	28.3	0.8	ENE	24.2	0.8	NNE	26.1	0.8	ENE
03:00-04:00	27.1	0.8	NE	27.3	0.8	NE	24.2	0.8	NNE	26.0	1.3	ENE
04:00-05:00	26.5	0.8	NE	27.8	<0.4	Calm	24.3	<0.4	Calm	26.3	2.7	ENE
05:00-06:00	26.3	0.8	NE	26.9	0.4	NE	24.3	<0.4	Calm	25.8	1.8	ENE
06:00-07:00	26.0	1.3	ENE	27.1	0.4	E	24.2	<0.4	Calm	25.7	1.3	ENE
07:00-08:00	27.1	1.3	NE	27.2	0.4	NNE	24.3	0.4	N	26.3	1.3	ENE

Remark: WS = Wind Speed (m/s)
 WD = Wind Direction
 Temp. = Temperature (°C)
 Height of wind vane and anemometer above ground: 30 meters.

ANALYSIS REPORT

Customer Name: Ban Bang Utilities Co., Ltd.
Address: 222 EGO Tower, Witthani Rangsri Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name: Steam and Electricity Generating Unit Project, Ban Bang District, Ratchaburi Province
Project Location: 19/300 Moo 19, The Pua, Ban Pong, Ratchaburi
Measured Point: Ban Bang Phang Tambon Health Promoting Hospital
GPS Coordinate: UTM (WGS84) 47P 0942271 E, 1530457 N
Measured Date: May 8-15, 2025
Measured By: Mr. Nitad Sirichad
Analyzed By: Environment Research & Technology Co., Ltd.

Quotation No.: ARQ2025-00286
Analysis No.: 2025-AC053-629
Report No.: 2025-BMAL786
Report Date: May 30, 2025

Date/Time	May 12-13, 25			May 13-14, 25			May 14-15, 25		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
08:00-09:00	27.8	1.8	ENE	26.5	0.8	S	25.0	0.4	S
09:00-10:00	27.7	2.2	ENE	27.9	1.3	SW	25.8	1.3	WSW
10:00-11:00	28.9	2.2	ENE	30.1	1.8	WSW	27.1	0.9	SW
11:00-12:00	27.9	1.8	ENE	30.4	1.3	WSW	29.0	1.3	SW
12:00-13:00	29.8	2.2	SE	31.0	1.3	SE	31.0	1.8	SW
13:00-14:00	29.4	1.8	WSW	31.2	0.8	SW	31.4	2.2	W
14:00-15:00	27.7	1.8	WSW	32.3	1.3	SW	32.5	1.8	NW
15:00-16:00	28.3	2.2	WSW	29.3	0.8	SW	32.0	2.2	NNW
16:00-17:00	28.5	1.8	W	30.1	0.8	SW	31.1	1.8	NW
17:00-18:00	28.0	1.3	W	29.9	0.8	NW	30.4	1.8	NW
18:00-19:00	27.6	1.3	W	28.5	0.8	NNE	29.8	1.8	NNW
19:00-20:00	26.8	0.8	W	27.4	0.8	NNE	29.0	1.3	NW
20:00-21:00	26.1	1.3	NNW	27.0	0.8	NE	28.4	0.8	NNW
21:00-22:00	25.8	0.8	W	26.8	0.8	NE	28.3	0.8	NW
22:00-23:00	26.7	0.8	W	26.3	0.8	NNW	27.6	0.4	ENE
23:00-00:00	25.7	0.4	NNE	26.6	0.8	NE	27.7	0.4	ENE
00:00-01:00	25.4	0.4	WSW	26.0	1.3	NE	27.3	0.8	SE
01:00-02:00	25.3	0.8	WSW	25.7	1.3	NE	27.3	0.8	SE
02:00-03:00	25.2	0.8	SW	25.4	0.8	NNE	27.8	0.8	SE
03:00-04:00	25.3	0.8	SE	25.5	0.8	NE	26.8	0.4	ENE
04:00-05:00	25.4	0.8	SE	25.5	0.4	ENE	26.5	0.8	SE
05:00-06:00	25.7	0.8	SE	25.6	0.4	SE	26.7	0.8	SW
06:00-07:00	25.8	0.8	ENE	25.5	0.4	ENE	26.5	1.8	WSW
07:00-08:00	26.0	0.8	S	25.8	0.4	ENE	26.2	1.3	NW

Remark: WS = Wind Speed (m/s)
 WD = Wind Direction
 Temp. = Temperature (°C)
 Height of wind vane and anemometer above ground: 30 meters.

ANALYSIS REPORT

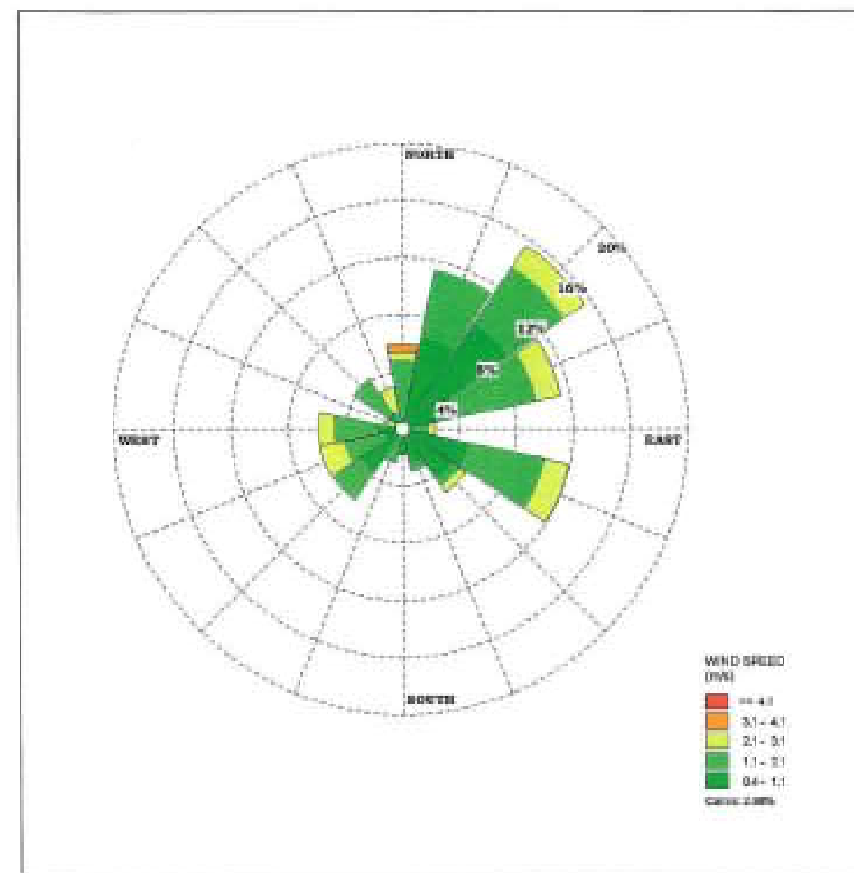
Customer Name: Bangkok Utilities Co., Ltd.
 Address: 223 SGC Tower, Witthawadi Rangsit Road, Thung Song Hong, Luk Si, Bangkok 10210
 Project Name: Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
 Project Location: 129/300 Moo 15, Thua Phai, Bai Pong, Ratchaburi
 Measured Point: Ban Bang Phang Tambon Health Promoting Hospital
 GPS. Coordinate: UTM (WG84) 47P 0502371 E, 1530467 N
 Measured Date: May 8-15, 2025
 Measured By: Mr. Nitad Sirichad
 Analyzed By: Environment Research & Technology Co., Ltd.

Quotation No.: AR2025-05285
 Analysis No.: 2025-AC053-029
 Report No.: 2025-BAAL706
 Report Date: May 30, 2025

Wind Direction	Percentage frequency of wind in each speed and direction					Total
	0.4-1.1	1.1-2.1	2.1-3.1	3.1-4.1	>4.1	
N	0.59534	4.16607	0.59524	0.59524	0.00000	5.85239
NNE	6.54762	6.76196	0.00000	0.00000	0.00000	11.30952
NE	0.02857	4.76196	1.78571	0.00000	0.00000	15.47618
NNE	2.38095	7.14285	1.78571	0.00000	0.00000	11.30953
E	0.59534	1.19048	0.59524	0.00000	0.00000	2.38095
ESE	4.76196	5.95238	1.78571	0.00000	0.00000	11.90479
SE	4.16607	0.59524	0.59524	0.00000	0.00000	5.35715
SSE	2.38095	0.59524	0.00000	0.00000	0.00000	2.97619
S	1.78571	0.00000	0.00000	0.00000	0.00000	1.78571
SSW	0.00000	2.38095	0.00000	0.00000	0.00000	2.38095
SW	3.57143	2.38095	0.00000	0.00000	0.00000	5.95238
WSW	1.19048	2.97619	1.78571	0.00000	0.00000	5.95238
W	1.78571	2.97619	1.19048	0.00000	0.00000	5.95238
WNW	0.00000	0.59524	0.59524	0.00000	0.00000	1.19048
NW	1.19048	2.97619	0.00000	0.00000	0.00000	4.16607
NNW	0.59524	0.59524	1.78571	0.00000	0.00000	2.97619
Calm						2.97619

ANALYSIS REPORT

Customer Name: Bangkok Utilities Co., Ltd.
 Project Name: Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
 Measured Point: Ban Bang Phang Tambon Health Promoting Hospital
 Measured Date: May 8-15, 2025
 Report No.: 2025-BAAL706



รายงานผลการตรวจวัด คุณภาพอากาศจากปล่องระบายมลสาร



ANALYSIS REPORT

Customer Name	Bangkok Utilities Co., Ltd.		
Address	122 ESDC Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210		
Project Name	Steam and Electricity Generating Unit Project, Bangpakong District, Ratchaburi Province		
Project Location	15/100 Moo 15, The Pha, Ban Pom, Ratchaburi		
Sampling Source	Stack Air Quality		
Sampling Point	HRSG 11		
GPS Coordinate	(UTM (WGS84)) 479 0592448 E, 1523348 N		
Sampling Date	May 13, 2025		
Sampling Time	09:40-11:30		
Sampling Method	US EPA Method 1-4, 5, 6, 7E		
Sampling By	Mr. Niranjan S. Gadhani, Registration No. 1-002-N-0004		
Analysed By	Environmental Research & Technology Co., Ltd. Laboratory Registration No. 1-000		
	Quotation No.	Q/25-0001	
	Analysis No.	120	
	Received Date	May 13, 2025	
	Analytical Date	May 13, 2025	
	Report No.	120	
	Report Date	May 13, 2025	

Quotation No. : AR2025-09386
Analysis No. : 2025-AC096-001
Received Date : May 13, 2025
Analytical Date : May 18-20, 2025
Report No. : 2025-NAAC288
Report Date : May 23, 2025

Item	Description	Method of Analysis	Unit	Result		Standard ²
				Actual Condition	Correct to Percent Oxygen 7%	
1.	Fuel Type	-	-	Natural Gas		-
2.	Combustion System	-	-	Clean		-
3.	Stack Height	Measuring Tape	m	35.00		-
4.	Stack Diameter	Measuring Tape	m	2.90		-
5.	Flue Gas Temperature	Thermocouple	°C	206.17	-	-
6.	Pressure in Stack	Inline Manometer	mmHg	754.46	-	-
7.	Oxygen Rate	Electrochemical Sensor	%	13.46	-	-
8.	Moisture	Condensation Method	%	10.33	-	-
9.	Air Velocity	Type S PMW Tube	m/s	18.40	-	-
10.	Volumetric Flow Rate ¹	Calculate	m³/s	07	-	-
11.	Massetric Flow Rate	Calculate	kg/s	125	-	-
12.	Total Suspended Particulate ¹	Isokinetic, Gravimetric	mg/m³	1.5	3.0	60
13.	Sulfur Dioxide (SO₂) ¹	Instrumental Analyzer Method	ppm	<1.0	<1.0	30
14.	Sulfur Dioxide (SO₂) ¹	Instrumental Analyzer Method	mg/m³	<2.6	<2.6	22
15.	Oxide of Nitrogen (NOx) ¹	Instrumental Analyzer Method	ppm	6.5	1.3	130
16.	Oxide of Nitrogen (NOx) ¹	Instrumental Analyzer Method	mg/m³	23	24	230

Remarks: ¹ Reference jurisdiction is 23 degree Celsius at 1 atmosphere and dry bulb.
² Satisfaction of the Ministry of Industry & Trade (2004), issued under Factory Act & E.O.1508, (1995), published in the Royal Government Gazette No. 187 Special Part 637 dated September 11, 1997, JPN-00000004, issued under trade.

ANALYSIS REPORT

Customer Name	Bangpong Utilities Co., Ltd.		
Address	222 MOGO Tower, Witthakul Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210		
Project Name	Steam and Electricity Generating Unit Project, Bangpong District, Ratchaburi Province		
Project Location	13/200 Moo 13, The Pha, Ban Pong, Ratchaburi		
Sampling Source	Stack Air Quality		
Sampling Point	PHASE 11		
GPS Coordinate	UTM (WGS84) 47P 0550448 E, 1032348 N		
Sampling Date	May 15, 2025		
Sampling Time	09:40 - 11:30		
Sampling Method	ISO 5054, Method 1-4, 10		
Sampling By	(M) Wachana Seethamart, Registration No. 5-098-a-0004		
Analysed By	Environment Research & Technology Co., Ltd. Laboratory Registration No. 3-099		
Quotation No.	QA-001		
Analysis No.	13052501		
Received Date	May 15, 2025		
Analytical Date	May 15, 2025		
Report No.	RPT-001		
Report Date	May 15, 2025		

Quotation No.	LAJ0025-00286
Analysis No.	±0025-AC086-001
Received Date	1 May 15, 2025
Analytical Date	1 May 15-19, 2025
Report No.	±0025-RAAK289
Report Date	1 May 23, 2025

Item	Description	Method of Analysis	Unit	Reset		Standard
				Actual Condition	Convert to Excess Oxygen 2%	
1	Fuel Type	-	-	Natural Gas		-
2	Combustion System	-	-	Close		-
3	Stack Height	Measuring Tape	m	11.00		-
4	Stack Diameter	Measuring Tape	m	2.55		-
5	Flue Gas Temperature	Thermocouple	°C	309.17	-	-
6	Pressure in Stack	Incline Manometer	mmHg	254.10	-	-
7	Oxygen Rate	Electrochemical Sensor	%	13.46	-	-
8	Moisture	Condensation Method	%	10.13	-	-
9	Air Velocity	Type S Pitot Tube	m/s	18.82	-	-
10	Volumetric Flow Rate ¹	Calculator	km ³ /s	87	-	-
11	Volumetric Flow Rate	Calculator	m ³ /s	12	-	-
12	Carbon Monoxide (CO) ¹	Instrumental Analysis Method	ppm	<1.0	<1.0	-
13	Carbon Monoxide (CO) ¹	Instrumental Analysis Method	mg/m ³	<1.1	<1.1	-

Remarks: ^a Reference conditions is 20 degree Celsius and 1 atmosphere and Dry Basis.
^b Specification of the Ministry of Industry (S.E.257/1984), issued under Ministry Order (S.E.2739/1986), published in the Royal Government Gazette No.152 Special Part (S.O.) dated February 14, 1988 (S.O.20339, 1988) (S.E.257/1984).

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 E600 Tower, Vibhavadi Rangsit Road, Thung Song Hong, Luk Si, Bangkok 10310
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/000 Moo 18, The Pha, Bin Pang, Ratchaburi
Sampling Source : Stack Air Quality
Sampling Point : HRSG 12
GPS Coordinate : UTM (WG84) 47P 0592495 E, 1532324 N
Sampling Date : May 13, 2025
Sampling Time : 14:05-15:35
Sampling Method : USEPA Method 1-4, 5, 6, 7E
Sampling By : Mr. Wanchana Sathumart, Registration No. 1-099-4-0004
Analysed By : Environment Research & Technology Co., Ltd. Laboratory Registration No.1-099

Quotation No. : IAR2025-00286
Analysis No. : 2025-AC096-002
Received Date : May 15, 2025
Analytical Date : May 15-19, 2025
Report No. : (2025-RAA029)
Report Date : May 23, 2025

Item	Description	Method of Analysis	Unit	Result		Standard ¹⁾
				Actual Condition	Convert to Excess Oxygen 7%	
1	Fuel Type	-	-	Natural Gas		-
2	Combustion System	-	-	Close		-
3	Stack Height	Measuring Tape	m	35.00		-
4	Stack Diameter	Measuring Tape	m	2.00		-
5	Flue Gas Temperature	Thermocouple	°C	104.58	-	-
6	Pressure in Stack	Inchmer Manometer	mmHg	753.18	-	-
7	Oxygen Rate	Electrochemical Sensor	%	13.00	-	-
8	Moisture	Condensation Method	%	8.35	-	-
9	Air Velocity	Type S Pitot Tube	m/s	18.00	-	-
10	Volumetric Flow Rate ¹⁾	Calculate	m³/s	80	-	-
11	Volumetric Flow Rate	Calculate	m³/s	125	-	-
12	Total Suspended Particulate ¹⁾	Isokinetic, Gravimetric	mg/m³	2.3	4.6	60
13	Sulfur Dioxide (SO ₂) ¹⁾	Instrumental Analyzer Method	ppm	1.0	2.0	30
14	Sulfur Dioxide (SO ₂) ¹⁾	Instrumental Analyzer Method	mg/m³	2.6	5.2	52
15	Oxide of Nitrogen (NOx) ¹⁾	Instrumental Analyzer Method	ppm	7.6	15	110
16	Oxide of Nitrogen (NOx) ¹⁾	Instrumental Analyzer Method	mg/m³	14	28	216

Remark : ¹⁾ Reference condition is 25 degree Celsius at 3 Atmosphere and Dry Basis.
²⁾ Notification of the Ministry of Industry B.E.2567 (2024), issued under Packed, for B.E.2568 (2025), published in the Royal Government Gazette No.42 Special Part 612 dated February 11, B.E.2568 (2025) (2025-02-01) (2025-02-01)

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 E600 Tower, Vibhavadi Rangsit Road, Thung Song Hong, Luk Si, Bangkok 10310
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/000 Moo 18, The Pha, Bin Pang, Ratchaburi
Sampling Source : Stack Air Quality
Sampling Point : HRSG 12
GPS Coordinate : UTM (WG84) 47P 0592495 E, 1532324 N
Sampling Date : May 13, 2025
Sampling Time : 14:05-15:35
Sampling Method : USEPA Method 1-4, 5
Sampling By : Mr. Wanchana Sathumart, Registration No. 1-099-4-0004
Analysed By : Environment Research & Technology Co., Ltd. Laboratory Registration No.1-099

Quotation No. : IAR2025-00286
Analysis No. : 2025-AC096-002
Received Date : May 15, 2025
Analytical Date : May 15-19, 2025
Report No. : (2025-RAA029)
Report Date : May 23, 2025

Item	Description	Method of Analysis	Unit	Result		Standard ¹⁾
				Actual Condition	Convert to Excess Oxygen 7%	
1	Fuel Type	-	-	Natural Gas		-
2	Combustion System	-	-	Close		-
3	Stack Height	Measuring Tape	m	35.00		-
4	Stack Diameter	Measuring Tape	m	2.00		-
5	Flue Gas Temperature	Thermocouple	°C	104.58	-	-
6	Pressure in Stack	Inchmer Manometer	mmHg	753.18	-	-
7	Oxygen Rate	Electrochemical Sensor	%	13.00	-	-
8	Moisture	Condensation Method	%	8.35	-	-
9	Air Velocity	Type S Pitot Tube	m/s	18.00	-	-
10	Volumetric Flow Rate ¹⁾	Calculate	m³/s	80	-	-
11	Volumetric Flow Rate	Calculate	m³/s	125	-	-
12	Total Suspended Particulate (TSP) ¹⁾	Instrumental Analyzer Method	ppm	1.0	2.0	30
13	Total Suspended Particulate (TSP) ¹⁾	Instrumental Analyzer Method	mg/m³	2.6	5.2	52

Remark : ¹⁾ Reference condition is 25 degree Celsius at 3 Atmosphere and Dry Basis.
²⁾ Notification of the Ministry of Industry B.E.2567 (2024), issued under Packed, for B.E.2568 (2025), published in the Royal Government Gazette No.42 Special Part 612 dated February 11, B.E.2568 (2025) (2025-02-01) (2025-02-01)

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 EGCO Tower, Witthawal Rangsit Road, Thung Song Hong, Lue 16, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, The Pha, Ban Pong, Ratchaburi
Sampling Source : Stack Air Quality
Sampling Point : HRSG 21
GPS Coordinates : UTM (WG84) 47P-0502485 E, 1532244 N
Sampling Date : May 14, 2025
Sampling Time : 09:30-10:45
Sampling Method : US EPA Method 1-4, 5, 6, 7E
Sampling By : Mr. Wandana Seethamart, Registration No. 3-099-4-0004
Analyzed By : Environment Research & Technology Co., Ltd. Laboratory Registration No. 3-099

Quotation No. : AR2025-00296
Analysis No. : 2025-AC096-001
Received Date : May 15, 2025
Analytical Date : May 15-20, 2025
Report No. : 2025-RAAK295
Report Date : May 21, 2025

Item	Description	Method of Analysis	Unit	Result		Standard ¹⁾
				Actual Condition	Convert to Excess Oxygen 7%	
1	Fuel Type	-	-	Natural Gas		-
2	Combustion System	-	-	Case		-
3	Stack Height	Measuring Tape	m	35.00		-
4	Stack Diameter	Measuring Tape	m	2.00		-
5	Flue Gas Temperature	Thermocouple	°C	105.08	-	-
6	Pressure in Stack	Zincite Manometer	mmHg	733.16	-	-
7	Oxygen Rate	Electrochemical Sensor	%	14.06	-	-
8	Moisture	Condensation Method	%	8.94	-	-
9	Air Velocity	Type S Pitot Tube	m/s	19.74	-	-
10	Volumetric Flow Rate ²⁾	Calculate	m ³ /s	93	-	-
11	Volumetric Flow Rate	Calculate	m ³ /s	131	-	-
12	Total Suspended Particulate ³⁾	Isokinetic, Gravimetric	mg/m ³	1.3	2.6	66
13	Sulfur Dioxide (SO ₂) ³⁾	Instrumental Analyzer Method	ppm	<1.8	<1.8	79
14	Sulfur Dioxide (SO ₂) ³⁾	Instrumental Analyzer Method	mg/m ³	<2.4	<2.4	52
15	Oxide of Nitrogen (NOx) ³⁾	Instrumental Analyzer Method	ppm	6.4	13	132
16	Oxide of Nitrogen (NOx) ³⁾	Instrumental Analyzer Method	mg/m ³	9.7	24	232

Remark : ¹⁾ Reference condition is 3% oxygen content at 1 atmosphere and 70°F.
²⁾ Substitution of the Ministry of Industry, B.E.2567 (2024), issued under Factory Act B.E.2551 (198), published in the Royal Government Gazette No. 142 Special Part 612 dated February 12, B.E.2568 (2025), (204 Power Plant)

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 EGCO Tower, Witthawal Rangsit Road, Thung Song Hong, Lue 16, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, The Pha, Ban Pong, Ratchaburi
Sampling Source : Stack Air Quality
Sampling Point : HRSG 21
GPS Coordinates : UTM (WG84) 47P-0502485 E, 1532244 N
Sampling Date : May 14, 2025
Sampling Time : 09:30-10:45
Sampling Method : US EPA Method 1-4, 10
Sampling By : Mr. Wandana Seethamart, Registration No. 3-099-4-0004
Analyzed By : Environment Research & Technology Co., Ltd. Laboratory Registration No. 3-099

Quotation No. : AR2025-00296
Analysis No. : 2025-AC096-001
Received Date : May 15, 2025
Analytical Date : May 15-19, 2025
Report No. : 2025-RAAK295
Report Date : May 21, 2025

Item	Description	Method of Analysis	Unit	Result		Standard ¹⁾
				Actual Condition	Convert to Excess Oxygen 7%	
1	Fuel Type	-	-	Natural Gas		-
2	Combustion System	-	-	Case		-
3	Stack Height	Measuring Tape	m	35.00		-
4	Stack Diameter	Measuring Tape	m	2.00		-
5	Flue Gas Temperature	Thermocouple	°C	105.08	-	-
6	Pressure in Stack	Zincite Manometer	mmHg	733.16	-	-
7	Oxygen Rate	Electrochemical Sensor	%	14.06	-	-
8	Moisture	Condensation Method	%	8.94	-	-
9	Air Velocity	Type S Pitot Tube	m/s	19.74	-	-
10	Volumetric Flow Rate ²⁾	Calculate	m ³ /s	93	-	-
11	Volumetric Flow Rate	Calculate	m ³ /s	131	-	-
12	Carbon Monoxide (CO) ³⁾	Instrumental Analyzer Method	ppm	<1.0	<1.0	-
13	Carbon Monoxide (CO) ³⁾	Instrumental Analyzer Method	mg/m ³	<1.1	<1.1	-

Remark : ¹⁾ Reference condition is 3% oxygen content at 1 atmosphere and 70°F.
²⁾ Substitution of the Ministry of Industry, B.E.2567 (2024), issued under Factory Act B.E.2551 (198), published in the Royal Government Gazette No. 142 Special Part 612 dated February 12, B.E.2568 (2025), (204 Power Plant)

ANALYSIS REPORT

Customer Name	Bangkok Utilities Co., Ltd.		
Address	223 ESDO Tower, Watfahad Bangsat Road, Thung Song Hong, Lat Si, Bangkok 10210		
Project Name	Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province		
Project Location	(15/00) Moo 15, The Pha, Ban Pong, Ratchaburi		
Sampling Source	Stack Air Quality		
Sampling Point	HRSG 22		
GPS. Coordinate	UTM (WGS84) 47P8533486 E, 1533217 N		
Sampling Date	May 14, 2025		
Sampling Time	11:00-13:00		
Sampling Method	US EPA Method 1-A, 5, & 7E		
Sampling By	Mr. Wachana Sathakorn, Registration No. 1-089-0-0004		
Analyzed By	Environmental Research & Technology Co., Ltd. Laboratory Registration No. 1-089		
Quotation No.	1A		
Analysis No.	12		
Received Date	14		
Analytical Date	14		
Report No.	12		
Report Date	14		

Quotation No.	1AR2025-00286
Analysis No.	12025-ACI96-004
Received Date	1May 15, 2025
Analytical Date	1May 15-20, 2025
Report No.	12025-RAR296
Report Date	1May 23, 2025

Item	Description	Method of Analysis	Unit	Result		Standard ¹
				Actual Condition	Correct to Excess Oxygen 7%	
1	Fuel Type	—	—	Natural Gas		—
2	Combustion System	—	—	Open		—
3	Stack Height	Measuring Tape	m	15.00		—
4	Stack Diameter	Measuring Tape	m	2.00		—
5	Flue Gas Temperature	Thermocouple	°C	104.75	—	—
6	Pressure in Stack	Barlow Manometer	mmHg	154.06	—	—
7	Oxygen Rate	Electrochemical Sensor	%	14.00	—	—
8	Moisture	Codemation Method	%	8.35	—	—
9	Air Velocity	Type S Pitot Tube	m/s	20.27	—	—
10	Volumetric Flow Rate ^{1,2}	Calculation	Nm³/s	90	—	—
11	Volumetric Flow Rate	Calculation	m³/s	104	—	—
12	Total Suspended Particulate ^{1,2}	Isokinetic, Gravimetric	mg/m³	1.2	2.4	60
13	Sulfur Dioxide (SO₂) ^{1,2}	Inductential Analyzer Method	ppm	1.0	3.0	30
14	Sulfur Dioxide (SO₂) ^{1,2}	Inductential Analyzer Method	mg/m³	1.8	5.3	55
15	Oxide of Nitrogen (NOx) ^{1,2}	Inductential Analyzer Method	ppm	6.9	20	130
16	Oxide of Nitrogen (NOx) ^{1,2}	Inductential Analyzer Method	mg/m³	18	39	225

² *Archives and Office in 25-degree Celsius in Atmosphere and Dry Room.*

ANALYSIS REPORT

Customer Name	Bangpong Utilities Co., Ltd.		
Address	1222 NG20-Teean, Witthawat Bangor Road, Thang Song Hong, Lak Si, Bangkok 10210		
Project Name	Steam and Electricity Generating Unit Project, Bangpong District, Ratchaburi Province		
Project Location	129360 Hoo 15, The Pha, Ban Pong, Ratchaburi		
Sampling Source	Stack Air Quality		
Sampling Point	HRSG 22		
GPS Coordinates	UTM (WGS84) 47P 0522486 E, 1332217 N		
Sampling date	1 May 14, 2013		
Sampling Time	14:00-15:20		
Sampling Method	EUS EPA, Method 1-4, 10		
Sampling By	Ph. Wachana Sothamart, Registration No. 1-059-e-0004		
Analyzed By	Environment Research & Technology Co., Ltd. Laboratory Registration No. 1-895		
	Quotation No.	QA	
	Analysis No.	10	
	Received Date	14	
	Analytical Date	14	
	Report No.	10	
	Report Date	14	

Quotation No.	AR2025-00286
Analysis No.	2025-AC096-004
Received Date	May 15, 2025
Analytical Date	May 15-19, 2025
Report No.	2025-KAA6297
Report Date	May 21, 2025

Item	Description	Method of Analysis	Unit	Result		Standard
				Actual Condition	Converted to Gross Oxygen 2%	
1	Fuel Type	-	-	Natural Gas		-
2	Combustion System	-	-	Clean		-
3	Stack Height	Measuring Tape	m	35.00	-	-
4	Stack Diameter	Measuring Tape	m	2.85	-	-
5	Flue Gas Temperature	Thermocouple	°C	184.25	-	-
6	Pressure in Stack	In-line Manometer	mmHg	754.05	-	-
7	Oxygen Ratio	Electrochemical Sensor	%	14.05	-	-
8	Fluxrate	Condensative Method	%	8.98	-	-
9	Air Velocity	Type S Pitot Tube	m/s	20.27	-	-
10	Volumetric Flow Rate ¹⁾	Calculated	m ³ /s	90	-	-
11	Volumetric Flow Rate	Calculated	m ³ /s	134	-	-
12	Carbon Monoxide (CO) ¹⁾	Instrumental Analyzer Method	ppm	<1.0	<1.0	-
13	Carbon Monoxide (CO) ¹⁾	Instrumental Analyzer Method	ppm ²⁾	<1.1	<1.1	-

^a Reference condition is 25 degrees Celsius at 1 atmosphere and dry basis.

รายงานผลการตรวจวัด ระดับเสียงทั่วไป



ANALYSIS REPORT

Customer Name : Serpong Utilities Co., Ltd.
Address : 333 8009 Tower, Witthawat Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangpoo District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : Project Area
GPS. Coordinate : UTM (WGS84) 47P 659208 E, 1532273 N
Measured Date : May 9-9, 2025
Measured By : Mr. Niald Sirichai
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 620449

Quotation No. : ERT2025-00286
Analysis No. : 2025-AC053-036
Report No. : 2025-RAAL703
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	62.9	83.6	64.1	65.3	62.3	61.9
09:00-10:00	62.1	83.2	64.3	65.9	62.8	62.1
10:00-11:00	62.9	84.1	64.8	66.7	62.4	61.6
11:00-12:00	62.8	79.5	64.3	65.4	62.4	61.7
12:00-13:00	63.4	80.4	63.8	64.1	62.3	61.7
13:00-14:00	63.4	83.3	64.9	64.3	62.9	62.2
14:00-15:00	63.1	84.2	64.7	64.3	62.8	61.8
15:00-16:00	63.7	85.6	66.7	67.3	64.0	63.0
16:00-17:00	64.3	83.6	67.2	66.3	63.5	62.8
17:00-18:00	63.7	78.8	63.0	64.4	63.4	62.8
18:00-19:00	65.0	77.0	66.2	65.8	64.8	64.1
19:00-20:00	62.7	86.4	63.6	63.3	62.6	61.9
20:00-21:00	62.3	87.3	63.3	63.8	62.3	61.4
21:00-22:00	62.7	86.4	63.8	63.5	62.6	62.0
22:00-23:00	63.0	87.2	64.0	63.7	62.9	62.3
23:00-00:00	63.2	76.1	64.7	63.9	63.0	62.4
00:00-01:00	62.9	71.0	63.7	63.3	62.8	62.4
01:00-02:00	62.4	88.6	63.0	62.8	62.3	61.9
02:00-03:00	62.7	89.0	63.3	63.1	62.4	62.2
03:00-04:00	62.9	88.0	63.7	63.3	62.7	62.4
04:00-05:00	64.6	72.1	65.3	65.2	64.3	63.7
05:00-06:00	64.8	81.5	64.6	65.9	64.4	63.0
06:00-07:00	63.4	75.6	64.3	64.1	63.1	62.5
07:00-08:00	63.4	74.4	64.2	64.0	63.2	62.7
24 Hours Measurement	62.5	85.6	64.1	64.3	63.1	62.4
Standard ¹⁾	70	83.5	-	-	-	-
Lim	69.3	-	-	-	-	-

Remarks : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), Sound Level Factory Act B.E.2551 (2008), published in the Royal Government Gazette No.127 Special Part 110 dated January 20, B.E.2555 (2012).

ANALYSIS REPORT

Customer Name : Serpong Utilities Co., Ltd.
Address : 333 8009 Tower, Witthawat Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangpoo District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : Project Area
GPS. Coordinate : UTM (WGS84) 47P 659208 E, 1532273 N
Measured Date : May 9-10, 2025
Measured By : Mr. Niald Sirichai
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 620449

Quotation No. : ERT2025-00286
Analysis No. : 2025-AC053-036
Report No. : 2025-RAAL703
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	63.8	86.3	65.4	64.8	63.3	62.8
09:00-10:00	63.4	79.8	65.2	64.4	63.0	62.2
10:00-11:00	63.8	81.8	64.3	63.8	62.9	61.6
11:00-12:00	62.3	78.3	63.4	62.9	61.9	61.3
12:00-13:00	62.0	77.1	63.7	62.5	61.8	61.2
13:00-14:00	62.9	74.1	64.3	63.4	62.6	61.9
14:00-15:00	62.9	75.6	64.4	63.9	62.1	61.7
15:00-16:00	62.6	76.4	64.6	63.4	62.3	61.3
16:00-17:00	62.7	74.6	64.2	63.7	62.3	61.7
17:00-18:00	61.8	77.6	63.4	62.8	61.5	60.6
18:00-19:00	64.9	84.7	67.3	66.9	64.1	63.3
19:00-20:00	63.2	74.9	64.3	64.8	63.8	62.3
20:00-21:00	63.1	84.3	64.2	63.8	62.9	62.3
21:00-22:00	62.5	87.2	63.4	63.1	62.3	61.8
22:00-23:00	62.4	87.2	63.3	63.0	62.3	61.8
23:00-00:00	62.4	75.1	63.9	62.9	62.2	61.7
00:00-01:00	62.3	85.1	63.9	62.8	62.1	61.7
01:00-02:00	62.2	88.2	62.7	62.3	62.1	61.7
02:00-03:00	62.0	73.9	62.8	62.4	61.8	61.6
03:00-04:00	62.1	86.4	62.7	62.4	62.0	61.6
04:00-05:00	63.9	73.8	65.1	64.6	63.6	63.1
05:00-06:00	64.4	79.3	66.3	65.7	64.4	63.0
06:00-07:00	62.5	76.1	62.6	63.1	62.3	61.9
07:00-08:00	62.8	77.3	64.3	63.5	62.5	62.0
24 Hours Measurement	62.9	86.5	64.3	63.7	62.6	62.0
Standard ¹⁾	70	83.5	-	-	-	-
Lim	69.3	-	-	-	-	-

Remarks : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), Sound Level Factory Act B.E.2551 (2008), published in the Royal Government Gazette No.127 Special Part 110 dated January 20, B.E.2555 (2012).

ANALYSIS REPORT

Customer Name	Bangpong Utilities Co., Ltd.		
Address	232 BGCO Tower, Witthaiwit Bangkol Road, Thung Song Hong, Lak Si, Bangkok 10210		
Project Name	150kV and Electricity Generating Unit Project, Bangpong District, Ratchaburi Province		
Project Location	19/100 Moo 10, The Pha, Ban Pong, Ratchaburi		
Measured Source	Worksite Noise		
Measured Point	Project Area		
GPS Coordinate	UTM (WGS84) 47P 0993618 E, 1532273 N		
Measured Date	May 10-11, 2025		
Measured By	PN-Mad Sirincha		
Analysed By	Environment Research & Technology Co., Ltd.		
Measured Instrument	integrating Sound Level Meter Scapeco Tech Model ST-210 Serial Number 820449		
	Quotation No.	AP20	
	Analysis No.	2025	
	Report No.	2025	
	Report Date	May	

Quotation No. : AR2025-00088
Analysis No. : 2025-AR053-036
Report No. : 2025-RA01703
Report Date : May 30, 2025
Special No. version : K790210

Interval Time	Noise Level, dB(A)					
	Leg	Emax	L5	L10	L50	L90
08:00-09:00	85.1	90.5	84.4	83.9	82.8	82.2
09:00-10:00	85.5	90.1	85.0	84.4	83.1	82.5
10:00-11:00	86.4	89.7	84.9	84.3	82.9	82.2
11:00-12:00	82.8	82.3	84.7	83.7	82.4	81.7
12:00-13:00	85.1	83.8	86.0	85.9	82.1	81.5
13:00-14:00	86.7	87.6	86.8	85.2	83.3	82.4
14:00-15:00	85.1	90.2	86.1	84.5	82.6	81.7
15:00-16:00	85.7	84.1	89.9	87.5	83.8	82.8
16:00-17:00	85.5	88.2	88.2	84.8	82.8	82.6
17:00-18:00	84.9	88.3	87.8	85.7	83.1	81.9
18:00-19:00	86.5	100.9	79.4	87.7	85.1	83.9
19:00-20:00	88.2	97.2	79.3	70.6	66.1	64.4
20:00-21:00	83.8	92.7	84.6	84.3	83.5	82.9
21:00-22:00	85.3	93.9	84.6	84.5	83.0	82.3
22:00-23:00	82.9	87.5	84.1	81.6	82.4	81.8
23:00-00:00	88.1	89.8	88.7	84.2	82.5	81.9
00:00-01:00	82.7	84.1	84.1	83.2	82.3	81.6
01:00-02:00	82.9	76.9	82.7	82.4	81.5	81.6
02:00-03:00	86.6	85.8	83.3	83.8	82.4	82.0
03:00-04:00	82.1	74.9	82.6	82.4	81.8	81.6
04:00-05:00	84.9	87.0	87.4	86.3	84.3	83.3
05:00-06:00	87.7	87.4	71.3	89.8	86.3	84.2
06:00-07:00	81.6	72.9	82.9	82.3	81.3	80.9
07:00-08:00	82.5	76.5	84.3	83.2	82.0	81.5
24 Hours Measurement	84.3	100.9	67.0	85.4	83.3	82.4
Standard 17	70	115	-	-	-	-
Ldn	70.9	-	-	-	-	-

Report : 1. *Indicators of the Quality of Life in 1998 (1999)*, issued under Order of 14.03.1999, published in the Royal Government Gazette No. 123 (Special Part: 123) dated January 29, 07.1999 (2000).



ANALYSIS REPORT

Customer Name	Bangkok Utilities Co., Ltd.		
Address	123 4567 Tower, Wireless Bangpai Road, Thung Song Hong, Lak Si, Bangkok 10710		
Project Name	Steam and Electricity Generating Unit Project, Bangkok District, Rajchaburi Province		
Project Location	13/500 Moo 19, Tho Phu, Ban Pong, Ratchaburi		
Measured Source	Ambient Noise		
Measured Point	Project Area		
GPS Coordinates	UTM (WGS84) 47P 093618 E, 1532273 N		
Measured Date	May 11-12, 2025		
Measured By	Mr. Nisid Sirinath		
Analysed By	Environment Research & Technology Co., Ltd.		
Measured Instrument	Silencing Sound Level Meter Series Tech Model ST-2LD Serial Number: 020449		
	Quotation No.	: A52	
	Analysis No.	: 2025	
	Report No.	: 2025	
	Report Date	: May	

Quotation No. : AR2025-00286
Analysis No. : 2025-AC030-006
Report No. : 2025-RAAL703
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	L _{eq}	L _{max}	L ₅	L ₁₀	L ₅₀	L ₉₀
00:00-04:00	63.1	70.9	63.8	62.5	61.9	61.5
04:00-08:00	64.6	74.7	64.8	62.5	61.8	60.8
08:00-11:00	65.9	73.3	64.4	63.4	61.3	60.7
11:00-13:00	66.4	81.6	68.2	62.4	61.0	60.5
13:00-17:00	66.1	76.3	66.8	61.7	60.7	60.2
17:00-19:00	66.3	71.0	66.4	61.9	61.1	60.6
19:00-21:00	66.1	81.6	66.6	62.0	60.6	60.7
21:00-24:00	66.9	79.4	66.1	61.6	60.9	60.6
24:00-07:00	66.8	80.8	66.6	62.5	61.8	60.3
07:00-08:00	64.1	83.2	66.9	66.3	63.8	62.1
08:00-09:00	65.9	82.3	67.4	66.8	65.6	64.8
09:00-10:00	64.2	82.4	66.4	66.9	64.1	63.4
10:00-11:00	63.5	76.6	64.7	64.3	63.3	62.6
11:00-12:00	62.9	66.6	64.0	63.7	62.7	61.9
12:00-13:00	62.5	66.4	63.5	63.2	62.4	61.8
13:00-15:00	61.9	79.3	63.3	63.4	61.5	61.1
15:00-16:00	61.6	63.8	62.0	61.8	61.4	61.2
16:00-17:00	61.8	64.2	62.3	62.2	61.7	61.4
17:00-18:00	62.3	66.3	62.6	62.6	62.1	61.9
18:00-19:00	63.1	75.2	64.1	63.8	63.1	62.7
19:00-20:00	65.6	84.9	68.0	67.1	64.8	63.7
20:00-22:00	65.3	81.8	67.8	67.0	64.5	63.2
22:00-00:00	62.6	81.3	64.2	63.3	62.5	61.9
00:00-06:00	62.4	77.6	64.5	62.8	61.9	61.5
24 Hours Measurement	62.9	84.9	64.6	63.8	62.5	61.8
Standard ¹⁾	70	115	-	-	-	-
L _{dn}	69.6	-	-	-	-	-

Remarks: ¹ Notification of the Ministry of Industry, B.E.2546 (1903), issued under Factory-act B.E.2521 (1908), published in the Royal Government Gazette No.129 Special Part 110 (see Appendix 26, 84, 100, 1000).



ANALYSIS REPORT

Customer Name : Bangkok Utilities Co., Ltd.
Address : 222 SGC0 Tower, Vibhavadi Rangsit Road, Thung Song Hong, Luk Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangpang District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : Project Area
GPS. Coordinate : UTM (WGS84) 47P 0392618 E, 1532273 N
Measured Date : May 13-14, 2025
Measured By : Mr.Mitad Sirichad
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scartek Tech Model ST-21D Serial Number 820449

Quotation No. : LAR2025-00286
Analysis No. : 12025-AC053-030
Report No. : 12025-RAAL783
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	62.0	66.4	65.0	62.5	64.8	61.4
09:00-10:00	61.8	76.8	62.7	62.3	61.0	61.1
10:00-11:00	61.3	68.8	60.6	60.1	64.3	60.7
11:00-12:00	61.8	76.8	61.3	62.5	61.4	60.9
12:00-13:00	61.5	73.9	62.4	62.0	61.3	60.8
13:00-14:00	61.8	69.4	62.9	64.3	61.3	60.8
14:00-15:00	61.5	72.5	62.3	61.0	61.3	60.9
15:00-16:00	61.0	71.9	62.1	61.8	60.8	60.2
16:00-17:00	61.2	77.1	62.4	61.8	61.6	60.8
17:00-18:00	63.5	87.8	67.1	62.1	61.8	61.1
18:00-19:00	64.2	76.8	65.6	65.1	63.8	63.1
19:00-20:00	63.1	70.3	64.8	64.1	63.9	63.0
20:00-21:00	62.6	67.7	64.1	63.6	62.3	61.4
21:00-22:00	62.4	66.4	63.8	63.2	62.1	61.5
22:00-23:00	62.5	67.6	63.3	63.2	62.3	61.7
23:00-00:00	61.7	65.3	62.8	61.9	61.5	61.3
00:00-01:00	61.7	63.6	62.2	62.0	61.6	61.4
01:00-02:00	61.7	70.7	62.1	62.0	61.8	61.3
02:00-03:00	61.6	77.4	62.8	61.8	61.5	61.3
03:00-04:00	62.3	70.3	61.9	62.6	61.1	61.8
04:00-05:00	64.4	76.3	66.7	65.8	63.9	63.0
05:00-06:00	63.9	78.9	66.3	66.4	63.3	62.3
06:00-07:00	62.1	73.2	63.3	62.7	61.7	61.5
07:00-08:00	61.7	74.9	62.8	62.3	61.5	61.1
24 Hours Measurement	62.3	88.4	63.7	63.1	62.9	61.4
Standard ¹⁾	70	115	-	-	-	-
Lim	65.9	-	-	-	-	-

Remark : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2541 (1998), published in the Royal Government Gazette No.107 Special Part 112 dated January 25, B.E.2548 (2005).

ANALYSIS REPORT

Customer Name : Bangkok Utilities Co., Ltd.
Address : 222 SGC0 Tower, Vibhavadi Rangsit Road, Thung Song Hong, Luk Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangpang District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : Project Area
GPS. Coordinate : UTM (WGS84) 47P 0392618 E, 1532273 N
Measured Date : May 13-14, 2025
Measured By : Mr.Mitad Sirichad
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scartek Tech Model ST-21D Serial Number 820449

Quotation No. : LAR2025-00286
Analysis No. : 12025-AC053-030
Report No. : 12025-RAAL783
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	63.5	75.5	62.3	65.4	62.9	61.4
09:00-10:00	61.8	75.2	62.4	62.9	61.5	60.6
10:00-11:00	63.9	79.2	62.6	64.0	62.1	61.0
11:00-12:00	61.7	75.9	62.8	62.3	61.3	60.8
12:00-13:00	60.5	80.4	61.8	61.1	60.8	59.4
13:00-14:00	61.2	76.9	62.9	62.3	60.8	60.1
14:00-15:00	62.4	82.6	66.1	63.8	61.7	60.9
15:00-16:00	61.7	83.3	65.7	62.6	61.2	60.7
16:00-17:00	61.9	79.8	63.3	62.7	61.4	60.7
17:00-18:00	63.1	79.4	64.3	63.9	62.8	62.2
18:00-19:00	65.6	86.2	67.9	66.7	64.8	64.2
19:00-20:00	64.2	79.0	65.1	65.0	64.1	63.3
20:00-21:00	64.3	67.3	64.3	64.0	63.2	62.4
21:00-22:00	61.3	68.3	64.3	64.0	63.2	62.7
22:00-23:00	63.7	70.1	64.8	64.4	63.5	62.9
23:00-00:00	64.3	86.5	65.7	64.7	62.8	62.8
00:00-01:00	61.7	71.7	63.7	63.8	62.6	62.0
01:00-02:00	62.7	70.7	63.2	63.0	62.5	62.2
02:00-03:00	60.3	89.2	62.8	62.6	62.1	61.4
03:00-04:00	62.4	66.6	62.9	62.8	62.2	61.9
04:00-05:00	64.3	77.3	66.1	65.4	63.8	63.0
05:00-06:00	66.3	94.6	68.3	68.4	65.6	64.0
06:00-07:00	62.9	76.0	64.3	63.7	62.5	62.0
07:00-08:00	62.9	76.6	62.8	62.4	61.9	61.3
24 Hours Measurement	63.2	88.5	64.9	64.2	62.8	62.0
Standard ¹⁾	70	115	-	-	-	-
Lim	70.0	-	-	-	-	-

Remark : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2541 (1998), published in the Royal Government Gazette No.107 Special Part 112 dated January 25, B.E.2548 (2005).

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 332 5009 Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10260
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 15/308 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : Project Area
GPS Coordinate : UTM (WGS84) 47P 0592618 E, 1532073 N
Measured Date : May 14-15, 2025
Measured By : Mr.Nitad Sirichad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820449

Quotation No. : AR2025-00286
Analysis No. : 2025-AR057-036
Report No. : 2025-RAL703
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
00:00-01:00	65.1	79.8	66.5	67.6	64.2	61.9
01:00-02:00	66.1	85.0	66.7	68.8	65.1	62.7
02:00-03:00	63.7	76.4	64.7	66.0	62.4	61.1
03:00-04:00	61.8	74.1	63.1	62.7	61.3	60.4
04:00-05:00	60.8	82.5	61.4	61.4	60.4	59.6
05:00-06:00	62.7	74.4	64.6	63.9	62.3	61.2
06:00-07:00	62.1	76.9	63.4	62.9	61.7	61.0
07:00-08:00	61.9	86.7	63.7	62.6	61.4	60.6
08:00-09:00	61.8	79.1	62.9	62.4	61.4	60.8
09:00-10:00	62.1	80.2	63.3	62.9	61.9	61.3
10:00-11:00	64.6	82.8	65.8	65.1	64.2	63.5
11:00-12:00	63.8	74.6	64.2	63.6	62.8	62.1
12:00-13:00	62.4	68.3	63.4	63.4	62.3	61.3
13:00-14:00	62.7	76.7	64.0	63.6	62.6	61.8
14:00-15:00	62.1	80.2	63.3	62.9	61.9	61.3
15:00-16:00	61.9	86.7	63.7	62.6	61.4	60.6
16:00-17:00	61.8	79.1	62.9	62.4	61.4	60.8
17:00-18:00	62.1	80.2	63.3	62.9	61.9	61.3
18:00-19:00	64.6	82.8	65.8	65.1	64.2	63.5
19:00-20:00	63.8	74.6	64.2	63.6	62.8	62.1
20:00-21:00	62.4	68.3	63.4	63.4	62.3	61.3
21:00-22:00	62.7	76.7	64.0	63.6	62.6	61.8
22:00-23:00	62.1	80.2	63.3	62.9	61.9	61.3
23:00-00:00	62.6	68.6	64.4	63.6	62.4	61.6
00:00-01:00	62.2	68.7	63.1	62.9	62.1	61.6
01:00-02:00	61.3	74.7	61.7	61.6	61.1	60.9
02:00-03:00	61.8	68.3	62.3	62.1	61.7	61.4
03:00-04:00	61.4	83.0	62.3	62.6	62.3	62.0
04:00-05:00	64.8	76.4	67.2	66.9	64.2	63.0
05:00-06:00	65.3	77.7	66.5	67.1	64.7	62.7
06:00-07:00	65.3	78.0	66.7	66.4	62.3	61.2
07:00-08:00	63.0	80.8	65.9	64.7	61.9	61.2
24 Hours Measurement	68.4	88.7	65.2	64.5	62.6	61.6
Standard**	70	115	-	-	-	-
Ldn	69.5	-	-	-	-	-

Remarks : ** Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2538 (1995), published in the Royal Government Gazette No. 120 Special Part 110 dated January 26, B.E.2549 (2006).



ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 332 5009 Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10260
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 15/308 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Kasikorn Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WGS84) 47P 0591677 E, 1532911 N
Measured Date : May 8-9, 2025
Measured By : Mr.Nitad Sirichad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820449

Quotation No. : AR2025-00286
Analysis No. : 2025-AR057-037
Report No. : 2025-RAL703
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
00:00-01:00	58.7	75.9	61.6	59.1	53.8	51.3
01:00-02:00	58.8	77.5	60.6	60.0	58.1	56.1
02:00-03:00	56.4	80.9	61.5	61.3	54.9	52.3
03:00-04:00	54.0	85.1	60.8	57.7	53.9	48.2
04:00-05:00	52.0	79.0	57.3	54.3	50.1	47.8
05:00-06:00	54.9	86.8	62.5	59.4	55.3	52.0
06:00-07:00	53.8	79.0	58.1	54.0	52.3	49.8
07:00-08:00	53.7	78.0	60.1	55.8	50.3	48.4
08:00-09:00	55.0	81.3	60.8	59.4	51.7	50.2
09:00-10:00	53.7	72.8	57.4	54.4	51.8	49.7
10:00-11:00	53.7	79.8	58.4	53.2	51.3	50.0
11:00-12:00	58.3	77.0	53.3	51.0	48.9	48.0
12:00-13:00	49.6	66.0	54.3	50.4	49.1	46.3
13:00-14:00	49.0	71.4	50.6	49.6	48.7	48.1
14:00-15:00	49.5	65.8	50.4	50.1	49.3	48.5
15:00-16:00	48.8	72.9	53.8	50.5	47.4	47.0
16:00-17:00	48.4	76.8	50.1	48.4	47.3	46.7
17:00-18:00	47.3	58.7	48.1	47.8	47.1	46.5
18:00-19:00	47.2	61.4	49.4	47.2	46.9	46.3
19:00-20:00	47.4	72.3	50.3	48.3	46.7	46.1
20:00-21:00	47.1	73.3	54.8	49.1	45.7	45.1
21:00-22:00	53.2	77.8	57.3	54.7	52.6	50.9
22:00-23:00	52.8	64.5	61.4	58.6	50.3	47.5
23:00-00:00	55.5	89.6	60.2	57.8	51.5	48.7
24 Hours Measurement	53.5	88.8	58.8	56.0	51.7	49.8
Standard**	70	115	-	-	-	-
Ldn	57.3	-	-	-	-	-

Remarks : ** Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2538 (1995), published in the Royal Government Gazette No. 120 Special Part 110 dated January 26, B.E.2549 (2006).



ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 323/ 5009 Tower, Witthawadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Kasinara Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 0901677 E, 1532441 N
Measured Date : May 9-10, 2025
Measured By : P.M. Noid, Srirach
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820453

Quotation No. : AR2025-00286
Analysis No. : 2025-AC253-037
Report No. : 2025-RAL705
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L50	L50	L90
08:00-09:00	57.0	70.6	61.4	60.8	56.2	53.7
09:00-10:00	56.2	69.9	61.8	58.3	54.6	53.1
10:00-11:00	57.1	67.3	61.4	62.4	54.6	50.5
11:00-12:00	55.7	70.5	63.3	66.1	61.9	49.4
12:00-13:00	55.5	70.0	60.1	57.3	53.2	51.0
13:00-14:00	51.6	71.0	57.1	54.9	51.8	50.1
14:00-15:00	52.3	66.4	61.4	58.4	51.2	49.8
15:00-16:00	53.9	70.7	57.7	55.4	51.4	48.4
16:00-17:00	51.5	77.6	57.4	53.0	48.5	46.8
17:00-18:00	53.2	70.7	56.3	59.2	51.9	50.1
18:00-19:00	55.5	80.5	62.9	59.6	53.7	52.1
19:00-20:00	50.7	70.6	53.8	51.5	49.9	49.0
20:00-21:00	47.8	62.8	51.7	49.7	46.4	45.5
21:00-22:00	48.4	61.6	49.8	47.3	45.7	44.8
22:00-23:00	45.4	71.1	48.1	46.2	44.8	44.0
23:00-00:00	46.0	68.8	46.7	45.3	43.2	42.6
00:00-01:00	43.3	66.4	45.4	44.1	42.7	42.1
01:00-02:00	43.7	67.7	45.1	44.3	42.4	42.7
02:00-03:00	43.9	65.3	44.8	44.5	43.7	43.0
03:00-04:00	43.8	64.5	46.3	46.0	43.3	42.8
04:00-05:00	45.5	73.8	46.3	46.5	44.3	43.7
05:00-06:00	55.2	75.8	55.7	56.3	54.8	53.5
06:00-07:00	53.8	84.8	60.4	58.1	51.1	47.8
07:00-08:00	53.1	85.3	57.3	54.5	49.3	47.3
24 Hours Measurement	53.8	87.3	58.3	55.7	51.1	48.1
Standard ¹⁾	70	115	-	-	-	-
Lim	55.0	-	-	-	-	-

Remark 1 : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2523 (1980), published in the Royal Government Gazette No.103 Special Part 110 dated January 25, B.E.2549 (2006).



ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 323/ 5009 Tower, Witthawadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Kasinara Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 0901677 E, 1532441 N
Measured Date : May 10-11, 2025
Measured By : P.M. Noid, Srirach
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820453

Quotation No. : AR2025-00286
Analysis No. : 2025-AC253-037
Report No. : 2025-RAL705
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L50	L50	L90
08:00-09:00	58.3	67.9	64.3	61.5	55.8	52.9
09:00-10:00	57.3	60.7	60.6	58.5	55.8	53.9
10:00-11:00	58.2	75.3	61.4	66.3	58.5	57.2
11:00-12:00	55.1	77.3	63.0	57.3	53.3	51.3
12:00-13:00	53.6	70.8	58.8	55.7	51.5	48.8
13:00-14:00	54.5	80.1	58.5	56.3	52.3	50.0
14:00-15:00	55.1	75.3	58.3	56.8	53.7	52.1
15:00-16:00	56.3	88.8	62.4	60.7	56.9	52.6
16:00-17:00	52.5	80.3	55.3	55.8	49.9	48.1
17:00-18:00	62.9	79.5	65.3	65.3	62.1	61.1
18:00-19:00	64.2	79.1	67.8	67.8	63.0	60.8
19:00-20:00	67.3	81.6	69.8	68.8	66.5	63.3
20:00-21:00	55.8	69.2	58.8	57.6	54.4	53.3
21:00-22:00	55.5	71.8	57.4	56.5	54.9	54.2
22:00-23:00	53.0	72.0	51.8	51.0	48.8	48.7
23:00-00:00	48.4	65.5	52.8	50.7	47.3	46.4
00:00-01:00	48.3	77.1	50.1	48.9	47.7	47.6
01:00-02:00	47.8	66.3	49.1	48.8	47.3	46.4
02:00-03:00	45.8	58.0	46.6	46.2	45.5	45.8
03:00-04:00	44.2	65.4	45.8	44.8	43.7	43.2
04:00-05:00	45.2	72.2	48.1	46.4	44.3	43.5
05:00-06:00	52.6	72.4	56.5	54.8	50.5	48.6
06:00-07:00	52.1	79.1	56.8	54.5	49.7	48.1
07:00-08:00	53.2	75.8	61.1	58.9	53.1	49.7
24 Hours Measurement	58.3	81.6	61.6	60.3	57.1	55.5
Standard ¹⁾	70	115	-	-	-	-
Lim	58.7	-	-	-	-	-

Remark 1 : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2523 (1980), published in the Royal Government Gazette No.103 Special Part 110 dated January 25, B.E.2549 (2006).



ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 5009 Tower, Witthaisit Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 15/308 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Kasineral Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WGS84) 47P 0591677 E, 1532441 N
Measured Date : May 11-12, 2025
Measured By : Mr. Niall Sirichai
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 829453

Quotation No. : AR2025-00266
Analysis No. : 2025-AC050-037
Report No. : 2025-RAL705
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	65.1	75.1	64.3	61.5	58.7	57.3
09:00-10:00	57.8	65.3	60.5	58.9	56.3	54.8
10:00-11:00	57.2	75.9	60.8	58.5	55.2	53.7
11:00-12:00	58.3	73.8	60.5	58.1	55.9	53.5
12:00-13:00	58.9	61.9	62.6	59.5	54.3	51.1
13:00-14:00	54.4	66.9	59.2	55.7	51.8	50.0
14:00-15:00	54.4	78.8	60.9	57.0	51.6	48.3
15:00-16:00	54.3	85.0	58.4	56.7	51.5	48.1
16:00-17:00	55.2	81.5	60.5	57.1	50.8	50.8
17:00-18:00	54.8	75.4	59.7	57.9	53.8	51.7
18:00-19:00	53.9	75.1	59.6	56.5	51.1	49.4
19:00-20:00	49.7	78.9	54.6	51.5	47.8	46.8
20:00-21:00	45.9	86.3	49.3	47.1	45.0	44.3
21:00-22:00	44.4	75.9	49.3	45.4	43.8	43.0
22:00-23:00	44.8	83.2	45.3	45.3	44.5	43.9
23:00-00:00	47.1	77.3	50.1	48.5	46.3	45.6
00:00-01:00	48.6	70.8	47.0	48.0	46.5	44.6
01:00-02:00	45.1	65.3	47.9	46.5	44.3	43.8
02:00-03:00	45.0	67.5	49.5	45.2	44.1	43.5
03:00-04:00	44.3	64.4	45.5	44.3	44.1	43.7
04:00-05:00	44.8	72.8	48.4	46.6	43.7	43.0
05:00-06:00	55.2	67.3	58.4	57.3	54.6	51.9
06:00-07:00	53.3	81.8	58.8	55.7	50.1	45.7
07:00-08:00	54.4	76.9	59.4	56.9	51.0	47.0
24 Hours Measurement	54.0	95.0	58.4	56.0	52.0	50.3
Standard ¹⁾	70	115	-	-	-	-
1db	57.4	-	-	-	-	-

Remark : 1) Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2508 (1965), published in the Royal Government Gazette No.123 Special Part (110) dated January 20, B.E.2549 (2006).

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 5009 Tower, Witthaisit Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 15/308 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Kasineral Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WGS84) 47P 0591677 E, 1532441 N
Measured Date : May 12-13, 2025
Measured By : Mr. Niall Sirichai
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820453

Quotation No. : AR2025-00266
Analysis No. : 2025-AC050-037
Report No. : 2025-RAL705
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	53.0	76.8	53.8	55.4	49.4	45.3
09:00-10:00	57.7	82.0	61.6	60.7	54.1	52.8
10:00-11:00	51.3	90.8	60.5	57.8	52.4	49.2
11:00-12:00	63.0	79.8	66.3	63.3	61.2	59.9
12:00-13:00	51.3	85.0	59.8	56.8	52.7	50.5
13:00-14:00	53.4	74.0	54.9	54.9	51.4	49.9
14:00-15:00	54.8	89.7	58.9	57.8	53.6	54.3
15:00-16:00	54.8	73.7	59.9	57.6	51.8	49.9
16:00-17:00	53.3	79.0	61.9	58.5	49.8	47.3
17:00-18:00	53.4	81.2	59.1	55.8	48.9	46.8
18:00-19:00	53.6	73.9	57.6	55.8	51.8	48.2
19:00-20:00	48.5	74.0	51.1	49.7	45.9	46.1
20:00-21:00	49.3	67.2	50.8	50.0	49.1	48.7
21:00-22:00	49.1	68.0	50.8	48.7	48.7	48.3
22:00-23:00	49.0	69.8	50.4	49.4	48.3	47.9
23:00-00:00	48.5	73.7	52.3	48.1	48.0	47.5
00:00-01:00	48.1	63.6	50.5	48.7	47.6	47.2
01:00-02:00	45.7	65.2	47.3	46.9	45.3	44.9
02:00-03:00	48.1	73.5	50.4	46.5	43.7	43.2
03:00-04:00	45.8	73.9	49.4	46.5	43.3	42.7
04:00-05:00	48.5	72.7	50.8	47.8	49.3	42.5
05:00-06:00	53.0	81.1	58.4	57.4	53.7	51.0
06:00-07:00	55.1	73.4	60.8	58.0	50.6	47.0
07:00-08:00	54.1	90.3	60.3	57.8	51.1	47.3
24 Hours Measurement	54.3	90.8	58.5	58.4	52.3	50.6
Standard ¹⁾	70	115	-	-	-	-
1db	58.4	-	-	-	-	-

Remark : 1) Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2508 (1965), published in the Royal Government Gazette No.123 Special Part (110) dated January 20, B.E.2549 (2006).

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 1331 5500 Tower, Witthayu Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity-Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Kasilarnai Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 051677 E, 1532441 N
Measured Date : May 13-14, 2025
Measured By : Mr. Mlad Sirichad
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scaled Tech Model ST-210 Serial Number 130453

Quotation No. : AR2025-00096
Analysis No. : 2025-AC053-037
Report No. : 2025-RAL705
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	L _{eq}	L _{max}	L ₅	L ₁₀	L ₅₀	L ₉₀
06:00-07:00	54.4	77.9	61.7	59.7	50.6	46.8
07:00-08:00	59.4	77.1	61.4	60.3	58.7	57.6
08:00-09:00	56.3	74.0	60.8	57.9	54.7	53.3
09:00-10:00	59.3	85.6	65.8	63.4	51.4	50.0
10:00-11:00	55.9	75.0	58.5	56.7	54.4	53.0
11:00-12:00	57.3	82.3	63.9	59.0	54.7	53.0
12:00-13:00	58.7	82.5	63.1	60.3	57.3	55.2
13:00-14:00	51.0	71.9	58.2	55.9	51.3	48.7
14:00-15:00	52.8	80.3	57.6	53.8	49.1	47.8
15:00-16:00	52.1	76.9	56.2	51.1	46.7	47.5
16:00-17:00	54.2	71.0	58.2	55.7	53.1	52.0
17:00-18:00	52.0	82.3	54.0	53.1	51.4	50.6
18:00-19:00	51.7	72.9	53.9	52.8	50.1	50.0
19:00-20:00	49.3	85.9	52.0	50.3	48.3	47.5
20:00-21:00	47.1	76.2	46.9	47.0	46.6	45.9
21:00-22:00	58.6	77.7	59.4	58.7	55.3	52.4
22:00-23:00	59.9	72.9	52.4	51.5	50.3	48.3
23:00-00:00	51.0	66.7	50.5	51.8	50.9	49.7
00:00-01:00	47.6	62.3	49.1	48.3	47.2	46.6
01:00-02:00	43.7	58.3	46.1	47.3	45.3	44.6
02:00-03:00	51.7	66.2	56.6	56.0	50.1	48.4
03:00-04:00	52.2	77.1	56.8	55.4	51.1	49.7
04:00-05:00	52.1	74.6	57.7	54.5	48.6	45.5
05:00-06:00	53.4	76.4	57.4	54.8	49.3	45.3
24 Hours Measurement	54.4	85.6	59.0	56.7	52.7	51.1
Standard ¹⁾	70	115	-	-	-	-
Limit	58.9	-	-	-	-	-

Remark 1 : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2538 (1995), published in the Royal Government Gazette No. 422 Special Part 133 dated January 21, B.E.2548 (2005).

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 1331 5500 Tower, Witthayu Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity-Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Kasilarnai Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 051677 E, 1532441 N
Measured Date : May 14-15, 2025
Measured By : Mr. Mlad Sirichad
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scaled Tech Model ST-210 Serial Number 620453

Quotation No. : AR2025-00286
Analysis No. : 2025-AC053-407
Report No. : 2025-RAL795
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	L _{eq}	L _{max}	L ₅	L ₁₀	L ₅₀	L ₉₀
06:00-07:00	54.1	71.4	59.4	57.8	51.0	47.3
07:00-08:00	53.9	81.4	57.3	55.9	52.2	50.4
08:00-09:00	59.8	80.0	61.9	61.0	59.1	57.4
09:00-10:00	55.7	76.9	61.0	61.3	51.0	51.7
10:00-11:00	56.2	80.0	58.0	57.3	51.6	52.4
11:00-12:00	51.0	76.0	56.1	56.8	53.4	52.1
12:00-13:00	54.6	79.1	58.2	58.0	52.6	50.8
13:00-14:00	55.7	81.4	58.1	56.8	53.0	51.5
14:00-15:00	51.4	86.7	59.3	56.5	51.9	50.1
15:00-16:00	51.4	81.0	56.7	55.8	50.5	48.0
16:00-17:00	54.8	76.0	57.8	55.8	53.3	51.9
17:00-18:00	51.0	75.2	53.9	51.8	48.1	47.2
18:00-19:00	48.6	71.9	51.8	49.3	47.4	46.5
19:00-20:00	48.4	68.0	49.6	48.0	48.1	47.4
20:00-21:00	49.0	65.6	50.1	49.7	48.7	48.0
21:00-22:00	48.4	72.3	51.4	49.0	47.7	47.1
22:00-23:00	45.4	70.3	48.1	45.9	43.4	42.9
23:00-00:00	43.5	58.9	44.3	44.1	43.3	42.7
00:00-01:00	43.7	62.7	45.9	44.6	42.9	42.4
01:00-02:00	42.9	55.3	43.9	43.5	42.7	42.1
02:00-03:00	43.8	70.3	49.6	46.7	43.5	42.7
03:00-04:00	59.2	78.9	61.1	60.5	58.1	56.9
04:00-05:00	55.4	80.0	60.1	59.9	55.3	50.7
05:00-06:00	53.7	75.2	55.6	54.8	51.8	50.1
24 Hours Measurement	54.0	86.7	57.8	56.1	52.4	50.8
Standard ¹⁾	70	115	-	-	-	-
Limit	59.0	-	-	-	-	-

Remark 1 : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2538 (1995), published in the Royal Government Gazette No. 422 Special Part 133 dated January 21, B.E.2548 (2005).

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 8500 Tower, Witthaved Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 15/306 Moo 19, The Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khui Village, in the north of the Project, No.36 Moo 2, Ban Rai Khui, Tambon The Pha, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WG84) 47P 0592642 E, 1532384 N
Measured Date : May 8-9, 2025
Measured By : Mr. Niall Dinked
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-210 Serial Number 820451

Quotation No. : AR2025-00286
Analysis No. : 2025-AD053-038
Report No. : 2025-RAAL707
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
06:00-09:00	53.3	74.5	55.2	54.1	52.4	51.1
09:00-10:00	53.1	72.3	55.1	54.3	51.8	51.1
10:00-11:00	52.6	69.8	54.9	54.9	50.0	49.7
11:00-13:00	52.5	72.5	55.1	53.8	52.0	49.7
13:00-13:00	54.0	66.5	56.0	55.3	53.0	51.6
13:00-14:00	54.0	70.1	56.4	55.6	53.7	51.3
14:00-15:00	53.3	67.5	55.9	53.3	50.9	48.7
15:00-16:00	51.5	68.6	54.4	53.8	50.2	49.6
16:00-17:00	51.7	69.7	54.1	53.7	50.5	49.4
17:00-18:00	51.3	72.8	54.0	54.8	51.3	51.0
18:00-19:00	55.8	75.5	58.7	57.3	54.1	52.9
19:00-20:00	54.2	69.6	54.8	55.0	53.6	52.7
20:00-21:00	51.9	64.4	53.2	53.6	51.6	51.4
21:00-22:00	51.1	61.4	52.1	51.7	50.9	50.4
22:00-23:00	50.5	63.1	51.4	51.0	50.2	49.7
23:00-00:00	51.0	66.4	52.4	51.8	50.5	49.8
00:00-01:00	50.6	69.4	51.4	51.1	50.2	49.8
01:00-02:00	50.8	62.4	51.9	51.5	50.7	50.3
02:00-03:00	50.8	56.3	51.7	51.3	50.6	50.1
03:00-04:00	50.6	57.6	51.6	51.2	50.4	49.9
04:00-05:00	51.5	65.4	53.8	52.9	51.1	50.6
05:00-06:00	55.3	75.6	58.3	57.2	52.8	51.3
06:00-07:00	58.5	77.5	57.8	56.4	51.1	50.3
07:00-08:00	55.2	71.8	53.6	54.0	51.1	50.2
24 Hours Measurement	53.8	77.9	55.9	54.0	51.8	50.6
Standard ¹⁾	70	115	-	-	-	-
Limit	58.0	-	-	-	-	-

Remarks : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2538 (1995), published in the Royal Government Gazette No.422 Special Part, 119 dated January 25, B.E.2549 (2006).

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 8500 Tower, Witthaved Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 15/306 Moo 19, The Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khui Village, in the north of the Project, No.36 Moo 2, Ban Rai Khui, Tambon The Pha, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WG84) 47P 0592642 E, 1532384 N
Measured Date : May 9-10, 2025
Measured By : Mr. Niall Dinked
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-210 Serial Number 820451

Quotation No. : AR2025-00296
Analysis No. : 2025-AD053-038
Report No. : 2025-RAAL707
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
06:00-09:00	54.0	72.5	56.3	54.8	52.1	51.0
09:00-10:00	53.9	69.3	56.3	55.3	51.1	51.6
10:00-11:00	52.2	68.3	54.3	53.9	51.1	49.7
11:00-13:00	51.4	76.3	55.5	53.6	49.1	47.8
13:00-13:00	53.4	76.4	57.0	54.7	51.2	49.8
13:00-14:00	50.6	70.4	52.6	51.3	49.8	48.6
14:00-15:00	50.3	70.4	51.9	51.8	49.7	48.7
15:00-16:00	51.3	70.7	53.8	54.5	52.7	50.0
16:00-17:00	52.9	71.4	55.7	54.5	51.7	50.2
17:00-18:00	51.9	76.7	56.9	54.4	51.3	50.1
18:00-19:00	58.7	81.7	65.6	63.7	53.6	52.5
19:00-20:00	52.6	74.4	54.7	53.7	51.8	50.8
20:00-21:00	51.4	79.6	53.3	53.3	50.9	50.1
21:00-22:00	50.3	71.8	52.3	51.2	49.7	49.0
22:00-23:00	50.8	70.1	50.7	50.5	49.9	49.4
23:00-00:00	49.4	69.1	50.3	49.7	49.1	48.6
00:00-01:00	49.6	68.8	50.4	50.2	49.5	49.0
01:00-02:00	51.1	64.3	51.8	51.6	50.9	50.4
02:00-03:00	50.9	61.7	51.5	51.4	50.8	50.4
03:00-04:00	50.5	68.0	51.1	51.0	50.4	50.0
04:00-05:00	52.0	67.3	52.9	52.5	51.8	51.4
05:00-06:00	54.3	69.8	57.3	55.8	53.5	52.4
06:00-07:00	53.4	70.3	54.7	55.0	52.0	51.4
07:00-08:00	54.0	76.5	56.3	57.2	52.5	51.2
24 Hours Measurement	52.9	81.7	56.4	54.8	51.4	50.3
Standard ¹⁾	70	115	-	-	-	-
Limit	58.3	-	-	-	-	-

Remarks : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2538 (1995), published in the Royal Government Gazette No.422 Special Part, 119 dated January 25, B.E.2549 (2006).

ANALYSIS REPORT

Customer Name : Bangkok Utilities Co., Ltd.
Address : 222 EGCO Tower, Witthavadi Bangkok Road, Thung Song Hong, Sub. Dist. Bangkok 10110
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 19/308 Moo 19, The Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khui Village, in the north of the Project, No.38 Moo 2, Ban Rai Khui, Tambon The Pha, Bangkok District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 052642 E, 1532384 N
Measured Date : May 10-11, 2015
Measured By : Mr. Niall Srisakul
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-21D Serial Number 820451

Quotation No. : IAR2025-00286
Analysis No. : 2025-AC053-038
Report No. : 2025-RAM1707
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	55.8	77.1	66.2	58.0	53.6	52.2
09:00-10:00	56.6	76.6	67.8	61.2	54.9	54.8
10:00-11:00	58.4	78.2	68.2	58.4	54.3	52.4
11:00-12:00	55.0	73.6	59.6	57.2	52.6	50.4
12:00-13:00	52.4	74.2	55.4	53.5	50.7	48.7
13:00-14:00	52.2	70.1	53.9	53.4	52.1	50.3
14:00-15:00	51.5	78.5	52.8	50.9	50.9	48.6
15:00-16:00	55.9	70.6	59.5	57.5	54.2	52.5
16:00-17:00	52.5	66.4	54.5	52.7	50.2	49.2
17:00-18:00	50.7	67.7	48.9	50.5	48.3	47.1
18:00-19:00	61.7	82.9	63.7	63.3	64.5	58.6
19:00-20:00	63.1	84.8	65.2	64.6	64.5	60.9
20:00-21:00	54.1	72.0	57.5	57.0	55.7	54.8
21:00-22:00	55.3	72.4	56.3	55.9	55.0	54.3
22:00-23:00	51.4	71.2	52.5	52.0	51.1	50.5
23:00-00:00	51.4	76.4	53.8	51.0	50.9	50.3
00:00-01:00	51.4	57.1	47.1	52.9	51.3	50.8
01:00-02:00	52.1	58.7	47.3	52.9	51.9	51.3
02:00-03:00	51.9	60.6	47.4	52.4	51.8	51.0
03:00-04:00	52.6	57.1	47.3	51.1	50.5	50.1
04:00-05:00	51.7	61.5	52.6	52.2	51.5	51.8
05:00-06:00	54.5	72.4	57.8	56.3	53.1	52.8
06:00-07:00	52.4	77.1	57.1	54.9	51.2	50.4
07:00-08:00	53.8	73.7	58.0	54.3	52.0	51.1
24 Hours Measurement	56.2	67.7	58.8	57.6	56.4	53.7
Standard¹⁾	70	83.5	-	-	-	-
Lim	58.9	-	-	-	-	-

Remark : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2518 (1975), published in the Royal Government Gazette No.320 Special Part 110 dated January 25, B.E.2549 (2006).

ANALYSIS REPORT

Customer Name : Bangkok Utilities Co., Ltd.
Address : 222 EGCO Tower, Witthavadi Bangkok Road, Thung Song Hong, Sub. Dist. Bangkok 10110
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 19/308 Moo 19, The Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khui Village, in the north of the Project, No.38 Moo 2, Ban Rai Khui, Tambon The Pha, Bangkok District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 052642 E, 1532384 N
Measured Date : May 11-13, 2015
Measured By : Mr. Niall Srisakul
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-21D Serial Number 820451

Quotation No. : IAR2025-00286
Analysis No. : 2025-AC053-038
Report No. : 2025-RAM1707
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	58.8	74.1	58.8	58.0	56.7	55.1
09:00-10:00	53.8	77.9	53.9	54.9	52.8	51.4
10:00-11:00	52.4	76.8	54.7	53.3	51.8	50.6
11:00-12:00	55.5	69.1	55.2	54.6	53.3	52.0
12:00-13:00	53.1	71.1	52.7	55.7	51.1	48.9
13:00-14:00	50.8	69.1	54.7	53.8	49.5	48.1
14:00-15:00	49.9	68.9	52.8	51.6	48.2	47.0
15:00-16:00	48.6	67.0	50.7	49.5	47.1	46.3
16:00-17:00	52.7	67.0	55.8	54.5	51.8	50.3
17:00-18:00	51.6	68.9	56.7	55.4	54.3	53.1
18:00-19:00	54.1	73.2	56.1	55.1	53.6	52.8
19:00-20:00	51.8	74.5	52.7	52.3	51.5	51.0
20:00-21:00	50.7	61.5	51.5	51.3	49.8	50.0
21:00-22:00	48.9	64.4	49.9	49.4	48.7	48.3
22:00-23:00	48.9	70.9	50.9	50.2	49.5	49.1
23:00-00:00	51.0	64.8	50.8	51.5	49.4	50.1
00:00-01:00	48.1	68.6	51.4	51.0	50.5	50.8
01:00-02:00	50.5	57.4	51.7	51.2	50.4	49.9
02:00-03:00	50.7	61.0	52.2	52.4	50.5	50.0
03:00-04:00	51.9	58.1	52.5	52.1	51.4	50.8
04:00-05:00	52.8	62.8	52.4	52.8	51.4	51.1
05:00-06:00	54.4	78.1	57.0	55.8	53.2	52.1
06:00-07:00	54.8	79.1	60.9	55.1	56.7	58.0
07:00-08:00	61.3	77.4	55.1	51.7	49.7	48.9
24 Hours Measurement	52.8	78.1	55.2	53.6	51.7	50.7
Standard¹⁾	70	83.5	-	-	-	-
Lim	58.5	-	-	-	-	-

Remark : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2518 (1975), published in the Royal Government Gazette No.320 Special Part 110 dated January 25, B.E.2549 (2006).

ANALYSIS REPORT

Customer Name	Bangkok Utilities Co., Ltd.		
Address	222 RSCC Tower, Witthayu Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210		
Project Name	Steam and Electricity Generating Unit Project, Bangsong District, Ratchaburi Province		
Project Location	19/308 Moo 18, Tha Pha, Ban Pong, Ratchaburi		
Measured Source	Ambient Noise		
Measured Point	The area of Ban Rai Khui Village, in the north of the Project, No.36 Moo 3, Ban Rai Khui, Tambon Tha Pha, Bangsong District, Ratchaburi Province		
GPS Coordinate	UTM (WGS84) 48P 015050.2 E, 1532094 N	Quotation No.	# R0025-00096
Measured Date	May 12-13, 2025	Analyse No.	# 2025-AC063-018
Measured By	Mr.Nitad Sriwich	Report No.	# 2025-RAG0707
Analyzed By	Environment Research & Technology Co., Ltd.	Report Date	May 30, 2025
Measured Instrument	Integrating Sound Level Meter Smaart Tech Model ST-210 Serial Number 820051		

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	53.5	78.1	57.9	54.5	51.3	50.2
09:00-10:00	54.0	78.4	58.5	54.8	51.5	52.3
10:00-11:00	49.9	68.6	51.5	50.8	48.4	48.7
11:00-12:00	54.3	73.1	56.3	53.1	53.8	52.8
12:00-13:00	54.1	80.1	53.3	53.9	49.6	48.8
13:00-14:00	50.0	73.2	58.1	53.0	51.4	50.6
14:00-15:00	54.6	79.4	58.3	55.9	53.5	49.7
15:00-16:00	58.4	70.8	53.4	53.9	49.3	48.3
16:00-17:00	58.3	72.8	53.0	51.3	49.4	48.5
17:00-18:00	51.5	73.9	61.8	58.9	53.3	49.5
18:00-19:00	52.4	72.3	58.0	53.7	58.8	49.9
19:00-20:00	51.4	71.8	53.6	52.3	50.4	49.5
20:00-21:00	49.8	70.7	50.7	50.3	48.5	49.8
21:00-22:00	48.8	68.9	50.1	49.9	49.5	49.8
22:00-23:00	58.0	68.8	50.8	50.3	49.8	49.2
23:00-00:00	48.5	67.1	50.3	50.9	48.4	49.0
00:00-01:00	48.8	69.3	50.2	50.0	49.5	49.1
01:00-02:00	48.4	67.7	50.1	48.9	48.3	48.8
02:00-03:00	48.3	63.4	50.8	50.5	48.8	48.3
03:00-04:00	50.8	70.7	58.9	50.5	48.8	48.3
04:00-05:00	50.5	71.0	58.4	54.8	51.0	50.1
05:00-06:00	53.9	73.8	58.1	53.9	52.2	50.9
06:00-07:00	51.7	74.2	58.4	52.8	50.8	49.3
07:00-08:00	52.8	78.3	55.4	53.1	49.9	49.8
24 Hours Measurement	51.8	85.1	54.4	53.7	50.8	49.7
Standard ²⁾	70	115	-	-	-	-
Lim	57.8	-	-	-	-	-

Remark 1 ⁴ Application of the Ministry of Industry 8-2, 2018 (2008), issued under Factory Act 8-2, 2018 (1995), published in the Royal Government Gazette No. 312 Special Part 312 Extraordinary, Vol. 8-2, 2018 (2008).



ANALYSIS REPORT

Customer Name	Bangkok Utilities Co., Ltd.		
Address	1221 BGC Tower, Witthayu Road, Thong Song Hong, Lat Si, Bangkok 10210		
Project Name	BGC and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province		
Project Location	19300 Moo 15, Tha Pha, Ban Bong, Ratchaburi		
Measured Source	Ambient Noise		
Measured Point	The area of Ban Rai Khui Village, in the north of the Project, No.36 Moo 2, Ban Rai Khui, Tambon Tha Pha, Bangkok District, Ratchaburi Province		
GPS Coordinate	UTM (WGS84) 47P 992942 E, 1532388 N		
Measured Date	May 13-14, 2025		
Measured By	Mr.Wat Srisak		
Analysed By	Dr.Environment, Research & Technology Co., Ltd.		
Measured Instrument	Integrating Sound Level Meter Scalet Tech Model ST-210 Serial Number 820451		
Quotation No.	AR215-00396		
Analysis No.	2025-AC05-038		
Report No.	2025-RAA1287		
Report Date	May 30, 2025		

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L3	L10	L50	L90
08:00-09:00	53.6	76.9	56.7	54.3	51.7	50.3
09:00-10:00	54.1	74.5	55.9	53.1	51.7	50.5
10:00-11:00	52.1	71.7	53.4	51.9	50.7	49.5
11:00-12:00	50.8	66.6	52.8	51.4	49.3	47.8
12:00-13:00	50.3	69.9	51.5	51.9	49.1	48.3
13:00-14:00	50.0	69.3	51.3	51.3	49.4	48.0
14:00-15:00	54.1	74.9	57.9	56.8	52.8	50.1
15:00-16:00	51.3	72.1	54.9	52.6	49.5	48.3
16:00-17:00	50.6	73.7	52.6	51.4	49.8	48.9
17:00-18:00	53.2	70.7	53.7	54.9	52.3	51.9
18:00-19:00	56.3	72.3	59.4	57.8	55.5	54.3
19:00-20:00	54.5	73.8	58.4	56.5	54.0	53.0
20:00-21:00	50.5	68.8	53.3	52.1	52.4	51.9
21:00-22:00	51.9	64.4	53.1	52.7	51.7	51.1
22:00-23:00	51.3	64.6	52.1	51.9	51.2	50.7
23:00-00:00	53.9	73.9	58.5	57.3	54.8	53.3
00:00-01:00	51.9	70.0	53.9	53.4	52.3	51.6
01:00-02:00	53.9	67.8	54.4	53.8	52.6	51.9
02:00-03:00	51.8	66.5	51.3	52.5	51.5	51.0
03:00-04:00	51.2	67.7	52.4	51.8	50.0	49.4
04:00-05:00	51.9	72.5	54.7	52.9	51.0	50.4
05:00-06:00	55.1	77.5	59.1	57.1	52.8	51.2
06:00-07:00	52.9	78.7	55.4	53.2	50.5	49.7
07:00-08:00	51.3	66.4	54.0	52.4	50.5	49.4
24 Hours Measurement	52.9	73.7	55.5	54.3	52.0	50.9
Standard¹⁾	70	115	-	-	-	-
1 day	58.5	-	-	-	-	-

Example 1: ¹ Application of the Working of Industry Bill 1948 (1948), issued under Factory Act 1948 (1948), published in the Royal Government Gazette No. 323 Special Part 112 (1948), Section 15, A. 1 (1948) (1948).



ANALYSIS REPORT

Customer Name : (Banpong Utilities Co., Ltd.)
Address : 122 EGCO Tower, Witthawat Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : (Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province)
Project Location : (19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi)
Measured Source : (Ambient Noise)
Measured Point : (The area of Ban Rai Khual Village, in the north of the Project, No.38 Moo 2, Ban Rai Khual, Tambon Tha Pha, Banpong District, Ratchaburi Province)
GPS Coordinate : (UTM (WGS84) 47P 8502642 E, 1531384 N)
Measured Date : (May 14-15, 2025)
Measured By : (H.Milled Sirichai)
Analyzed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 028451)

Quotation No. : AR2025-00286
Analysis No. : 12025-AC053-038
Report No. : 12025-RAL787
Report Date : (May 30, 2025)

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	58.1	66.6	52.8	51.2	48.8	46.2
09:00-10:00	52.2	72.4	51.0	51.6	51.4	50.8
10:00-11:00	54.3	73.3	55.9	55.2	53.9	52.9
11:00-12:00	49.5	65.4	51.8	50.9	49.5	48.5
12:00-13:00	50.7	62.3	52.6	51.5	50.2	49.3
13:00-14:00	51.4	67.7	53.1	52.6	51.0	49.7
14:00-15:00	51.1	71.4	52.7	53.9	50.3	49.2
15:00-16:00	51.6	70.4	55.4	53.3	50.1	48.2
16:00-17:00	53.1	78.0	58.3	53.5	51.1	50.0
17:00-18:00	52.3	74.8	55.2	53.8	50.8	50.0
18:00-19:00	52.7	67.4	54.5	53.6	50.2	51.1
19:00-20:00	52.6	70.7	53.0	50.4	51.6	51.0
20:00-21:00	51.3	71.6	53.2	51.9	50.1	50.0
21:00-22:00	51.3	67.2	52.1	51.8	51.2	50.7
22:00-23:00	50.5	71.7	52.6	51.7	49.8	49.3
23:00-00:00	49.3	70.3	50.8	50.0	48.4	46.3
00:00-01:00	49.3	71.0	50.6	49.9	48.9	48.3
01:00-02:00	48.0	66.2	49.7	49.5	48.8	48.5
02:00-03:00	48.4	68.7	50.0	48.8	49.2	48.9
03:00-04:00	45.3	61.3	50.9	50.6	49.8	49.5
04:00-05:00	51.8	68.4	55.4	53.5	50.4	49.0
05:00-06:00	54.4	77.3	58.7	56.2	52.7	51.2
06:00-07:00	55.3	79.3	60.1	58.1	52.3	51.2
07:00-08:00	62.3	76.1	56.4	54.3	52.3	51.6
24 Hours Measurement	51.9	78.3	54.7	52.9	50.9	50.1
Standard¹⁾	70	115	-	-	-	-
Ldn	58.1	-	-	-	-	-

Remark: 1) Notification of the Ministry of Industry S.R.266 (2005), issued under Factory Act B.E.2558 (1995), published in the Royal Government Gazette No.422 Special Part 118 (2005) January 25, S.R.266 (2005).



ANALYSIS REPORT

Customer Name : (Banpong Utilities Co., Ltd.)
Address : 122 EGCO Tower, Witthawat Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : (Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province)
Project Location : (19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi)
Measured Source : (Ambient Noise)
Measured Point : (The area of Ban Rai Khual Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Khual, Tambon Tha Pha, Banpong District, Ratchaburi Province)
GPS Coordinate : (UTM (WGS84) 47P 8502678 E, 1531948 N)
Measured Date : (May 8-9, 2025)
Measured By : (H.Milled Sirichai)
Analyzed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 028451)

Quotation No. : AR2025-00286
Analysis No. : 12025-AC053-039
Report No. : 12025-RAL789
Report Date : (May 30, 2025)

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	53.2	74.6	52.3	54.3	52.3	51.2
09:00-10:00	53.0	76.9	55.7	54.3	52.1	51.1
10:00-11:00	51.1	75.7	53.9	52.4	50.0	49.0
11:00-12:00	52.8	69.3	54.9	53.5	50.9	49.1
12:00-13:00	50.7	69.9	55.9	53.8	51.8	50.8
13:00-14:00	51.3	66.4	53.7	52.7	50.6	49.6
14:00-15:00	49.9	73.5	51.6	50.8	49.4	48.5
15:00-16:00	52.8	71.2	55.3	54.0	52.0	50.8
16:00-17:00	51.8	68.3	55.2	54.2	52.4	51.2
17:00-18:00	52.9	74.1	56.3	53.8	51.7	50.9
18:00-19:00	52.1	64.2	53.9	53.2	51.7	50.8
19:00-20:00	49.7	61.5	51.2	50.5	49.4	48.7
20:00-21:00	48.4	62.8	50.8	50.2	49.1	48.4
21:00-22:00	49.7	58.7	50.9	50.3	49.5	48.6
22:00-23:00	50.4	66.2	51.5	51.9	50.1	49.4
23:00-00:00	50.2	68.8	51.9	50.9	49.8	49.1
00:00-01:00	50.7	66.6	51.9	51.4	50.4	49.0
01:00-02:00	50.8	66.2	52.0	51.6	50.6	49.9
02:00-03:00	51.0	67.4	52.9	51.8	50.9	50.2
03:00-04:00	50.9	64.4	52.2	51.7	50.7	49.9
04:00-05:00	52.5	58.8	54.3	53.0	52.3	51.1
05:00-06:00	53.4	64.8	55.1	54.5	52.9	52.0
06:00-07:00	51.3	77.1	62.0	54.2	52.9	50.9
07:00-08:00	55.9	79.7	62.3	58.8	52.8	50.7
24 Hours Measurement	51.0	79.7	54.8	53.3	51.2	50.2
Standard¹⁾	70	115	-	-	-	-
Ldn	58.1	-	-	-	-	-

Remark: 1) Notification of the Ministry of Industry S.R.266 (2005), issued under Factory Act B.E.2558 (1995), published in the Royal Government Gazette No.422 Special Part 118 (2005) January 25, S.R.266 (2005).



ANALYSIS REPORT

Customer Name : (Banpong Utilities Co., Ltd.)
Address : 122 EGCO Tower, Witthawat Mangkai Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : (Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province)
Project Location : 119/100 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : (Ambient Noise)
Measured Point : (The area of Ban Rai Khui Village, in the south-east of the Project, No.82/1 Moo 2, Ban Rai Khui, Tambon Tha Pha, Banpong District, Ratchaburi Province)
GPS. Coordinate : (UTM (WGS84) 47P 5502978 E, 1531948 N)
Measured Date : (May 9-18, 2025)
Measured By : (Pr. Nitai - Sridach)
Analysed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820464)

Interval Time	Noise Level (dB(A))					
	Leq	Lmax	L3	L10	L50	L90
08:00-09:00	52.5	67.5	55.3	54.0	52.3	51.3
09:00-10:00	53.0	77.8	57.6	54.8	51.8	50.9
10:00-11:00	53.3	78.2	54.8	53.8	51.1	50.0
11:00-12:00	51.5	73.5	51.7	50.4	50.4	49.2
12:00-13:00	51.7	67.9	54.5	52.8	50.6	49.3
13:00-14:00	49.8	62.3	51.5	50.8	49.4	48.1
14:00-15:00	49.9	64.4	52.9	50.8	49.3	48.4
15:00-16:00	49.8	70.3	52.3	51.0	49.0	48.1
16:00-17:00	50.5	66.8	53.6	51.9	49.4	48.5
17:00-18:00	50.4	68.1	53.0	51.4	49.5	48.4
18:00-19:00	52.4	62.9	54.5	53.6	51.9	50.8
19:00-20:00	49.8	64.6	51.6	50.6	49.4	48.5
20:00-21:00	49.2	62.4	50.5	50.0	49.0	48.4
21:00-22:00	49.6	60.8	50.2	49.7	48.8	48.2
22:00-23:00	51.3	68.0	55.5	54.2	49.8	49.1
23:00-00:00	49.5	71.1	51.5	50.2	48.9	48.2
00:00-01:00	49.7	65.3	51.8	50.3	49.4	48.7
01:00-02:00	50.5	66.6	51.9	51.4	50.3	49.5
02:00-03:00	50.2	62.8	51.1	50.8	49.1	48.4
03:00-04:00	49.7	62.3	51.0	50.7	49.4	48.7
04:00-05:00	50.8	72.0	52.4	51.3	50.1	49.4
05:00-06:00	55.4	72.1	58.7	57.9	51.8	52.8
06:00-07:00	50.9	68.7	53.4	51.1	50.4	49.8
07:00-08:00	62.3	76.3	56.1	53.8	50.4	49.4
24 Hours Measurement	51.3	78.3	53.8	52.5	50.4	49.4
Standard¹⁾	70	115	-	-	-	-
Lim	57.7	-	-	-	-	-

Remark: ¹⁾ Notification of the Ministry of Industry B.E. 2548 (2005), based under Treasury Act B.E. 2551 (1908), published in the Royal Government Gazette No. 322 Special Part 110 dated January 15, B.E. 2549 (2006).



ANALYSIS REPORT

Customer Name : (Banpong Utilities Co., Ltd.)
Address : 122 EGCO Tower, Witthawat Mangkai Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : (Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province)
Project Location : 119/100 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : (Ambient Noise)
Measured Point : (The area of Ban Rai Khui Village, in the south-east of the Project, No.82/1 Moo 2, Ban Rai Khui, Tambon Tha Pha, Banpong District, Ratchaburi Province)
GPS. Coordinate : (UTM (WGS84) 47P 5502978 E, 1531948 N)
Measured Date : (May 10-11, 2025)
Measured By : (Pr. Nitai - Sridach)
Analysed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820464)

Interval Time	Noise Level (dB(A))					
	Leq	Lmax	L3	L10	L50	L90
08:00-09:00	53.5	74.3	57.8	56.7	54.9	53.5
09:00-10:00	52.1	65.8	54.3	53.5	51.4	50.5
10:00-11:00	54.8	67.9	58.4	55.6	53.5	52.1
11:00-12:00	49.6	74.3	54.8	53.7	51.8	50.4
12:00-13:00	51.7	69.3	54.3	53.3	50.9	49.8
13:00-14:00	52.9	73.5	55.9	54.3	52.1	50.9
14:00-15:00	52.1	73.4	55.3	54.0	50.9	49.9
15:00-16:00	53.9	77.5	59.0	57.6	54.5	52.7
16:00-17:00	53.1	72.9	57.4	55.6	51.9	49.8
17:00-18:00	55.2	80.3	61.1	60.9	57.3	54.8
18:00-19:00	62.4	76.8	64.7	64.2	61.1	59.3
19:00-20:00	60.5	84.1	69.3	68.8	63.1	61.7
20:00-21:00	56.5	87.4	57.6	57.3	54.3	53.6
21:00-22:00	55.7	82.5	56.7	56.4	53.6	52.4
22:00-23:00	51.4	62.8	52.8	52.3	51.1	50.5
23:00-00:00	50.8	59.6	52.4	51.5	50.5	50.0
00:00-01:00	49.6	58.8	51.5	51.2	50.4	49.8
01:00-02:00	50.8	63.1	51.8	51.4	50.7	50.1
02:00-03:00	51.1	62.1	52.0	51.7	51.0	50.4
03:00-04:00	50.8	58.7	51.8	51.3	50.5	49.9
04:00-05:00	51.8	63.7	54.4	53.2	51.2	50.3
05:00-06:00	59.5	75.3	62.1	60.6	56.5	53.8
06:00-07:00	53.8	72.7	57.9	56.5	51.0	49.7
07:00-08:00	51.5	71.3	54.6	52.9	50.4	49.5
24 Hours Measurement	55.9	84.1	58.3	57.5	55.1	53.7
Standard¹⁾	70	115	-	-	-	-
Lim	60.3	-	-	-	-	-

Remark: ¹⁾ Notification of the Ministry of Industry B.E. 2548 (2005), based under Treasury Act B.E. 2551 (1908), published in the Royal Government Gazette No. 322 Special Part 110 dated January 15, B.E. 2549 (2006).



ANALYSIS REPORT

Customer Name : (Banpong Utilities Co., Ltd.)
Address : 122 BCCD Tower, Witthawadi Bangsat Road, Thung Song Hong, Lat. Si, Bangkok 10210
Project Name : (Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province)
Project Location : 19/300 Moo 15, The Pha, Ban Pong, Ratchaburi
Measured Source : (ambient Noise)
Measured Point : (The area of Ban Rai Khui Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Khui, Tambon The Pha, Banpong District, Ratchaburi Province)
GPS Coordinate : UTM (WGS84) 47P 0362979 E, 1531948 N
Measured Date : May 11-12, 2025
Measured By : (Pr.Med. Sirichai)
Analysed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820164)

Quotation No. : AR0025-00086
Analysis No. : 2025-AC053-039
Report No. : 2025-RMAL709
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L3	L50	L80	L90
08:00-09:00	54.5	73.0	57.1	56.1	52.7	51.6
09:00-10:00	51.5	67.2	53.0	52.6	50.8	49.9
10:00-11:00	53.5	74.9	54.3	52.6	49.8	49.0
11:00-12:00	59.0	67.9	52.8	51.3	48.9	48.1
12:00-13:00	49.7	66.4	52.9	51.3	48.7	47.4
13:00-14:00	48.6	60.5	51.5	49.8	47.9	46.9
14:00-15:00	49.8	64.0	51.4	49.8	47.8	46.9
15:00-16:00	49.9	73.0	51.6	51.4	47.6	46.3
16:00-17:00	52.2	68.8	55.3	53.9	51.1	49.5
17:00-18:00	54.1	69.0	56.3	55.6	53.3	51.9
18:00-19:00	55.9	66.3	58.1	57.3	54.1	52.4
19:00-20:00	59.9	63.1	52.2	51.3	50.1	49.4
20:00-21:00	56.1	66.8	51.8	50.7	49.5	48.8
21:00-22:00	49.3	70.3	52.6	50.8	49.3	47.5
22:00-23:00	48.8	68.9	50.0	49.5	48.0	46.9
23:00-00:00	48.9	61.8	51.7	50.3	48.3	47.6
00:00-01:00	49.0	64.3	50.5	49.3	48.8	47.9
01:00-02:00	49.3	62.4	50.3	49.0	48.1	48.5
02:00-03:00	49.7	60.6	50.8	50.4	49.1	48.8
03:00-04:00	54.4	68.7	51.6	51.3	50.4	49.7
04:00-05:00	51.4	62.8	51.4	52.5	51.0	50.1
05:00-06:00	53.7	67.8	56.3	55.3	53.3	51.4
06:00-07:00	51.4	69.7	54.3	53.8	50.5	49.9
07:00-08:00	51.9	76.5	56.3	53.8	49.6	48.3
24 Hours Measurement	51.4	74.0	53.9	52.6	50.4	49.3
Standard ¹⁾	70	115	-	-	-	-
Lim	59.2	-	-	-	-	-

Remark : ¹⁾ Notification of the Ministry of Industry S.E.2548 (2005), issued under Fisheries Act B.E.2550 (1907), published in the Royal Government Gazette No.122 Special Part 122 dated January 23, S.E.2549 (2006).

ANALYSIS REPORT

Customer Name : (Banpong Utilities Co., Ltd.)
Address : 122 BCCD Tower, Witthawadi Bangsat Road, Thung Song Hong, Lat. Si, Bangkok 10210
Project Name : (Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province)
Project Location : 19/300 Moo 15, The Pha, Ban Pong, Ratchaburi
Measured Source : (ambient Noise)
Measured Point : (The area of Ban Rai Khui Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Khui, Tambon The Pha, Banpong District, Ratchaburi Province)
GPS Coordinate : UTM (WGS84) 47P 0362979 E, 1531948 N
Measured Date : May 11-12, 2025
Measured By : (Pr.Med. Sirichai)
Analysed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820164)

Quotation No. : AR0025-00086
Analysis No. : 2025-AC053-039
Report No. : 2025-RMAL709
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L3	L50	L80	L90
08:00-09:00	53.2	77.8	58.8	57.8	49.9	48.0
09:00-10:00	53.8	78.0	59.0	55.3	51.3	51.2
10:00-11:00	50.2	68.4	53.1	51.8	49.1	48.3
11:00-12:00	58.8	75.1	57.7	57.1	55.5	54.1
12:00-13:00	52.1	67.8	54.3	53.9	51.5	49.8
13:00-14:00	50.1	75.8	52.8	51.4	49.3	47.6
14:00-15:00	49.6	68.9	52.2	50.8	48.6	47.7
15:00-16:00	49.1	65.2	53.3	51.2	47.7	46.5
16:00-17:00	49.3	62.7	52.8	50.5	48.3	47.3
17:00-18:00	50.9	70.0	54.7	53.6	49.3	48.3
18:00-19:00	50.9	65.2	54.1	52.0	49.9	48.5
19:00-20:00	49.9	68.9	51.7	50.4	49.1	48.4
20:00-21:00	48.9	69.1	50.3	49.8	48.6	48.0
21:00-22:00	49.5	61.7	51.0	50.1	49.1	48.4
22:00-23:00	49.7	61.3	51.4	50.6	49.5	48.6
23:00-00:00	49.7	67.9	51.6	50.3	49.2	48.3
00:00-01:00	49.6	68.9	51.8	50.4	49.1	48.7
01:00-02:00	49.8	58.6	50.8	50.5	49.7	49.9
02:00-03:00	49.0	56.9	49.8	49.3	48.6	48.3
03:00-04:00	49.1	55.8	50.5	49.4	49.0	49.2
04:00-05:00	50.1	62.1	52.4	51.3	49.6	48.6
05:00-06:00	52.5	67.6	54.7	54.0	52.2	50.1
06:00-07:00	50.4	68.7	53.1	51.7	49.4	48.4
07:00-08:00	52.5	74.0	56.4	54.3	49.9	48.1
24 Hours Measurement	51.3	78.9	54.2	52.7	50.2	49.0
Standard ¹⁾	70	115	-	-	-	-
Lim	56.8	-	-	-	-	-

Remark : ¹⁾ Notification of the Ministry of Industry S.E.2548 (2005), issued under Fisheries Act B.E.2550 (1907), published in the Royal Government Gazette No.122 Special Part 122 dated January 23, S.E.2549 (2006).

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 BCC Tower, Witthawat Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/100 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khui Village, in the south-east of the Project, No.32/1 Moo 3, Ban Rai Khui, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 0552978 E, 1531948 N
Measured Date : May 13-14, 2025
Measured By : P. Nitad, S. Nitad
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-210 Serial Number 820464

Question No. : AR2025-00286
Analysis No. : 2025-AC053-039
Report No. : 2025-RAR-709
Report Date : May 30, 2025

Interval Time	Noise Level, dBA					
	Leg	Linear	L5	L10	L50	L90
08:00-09:00	51.0	74.1	50.2	51.2	48.6	47.0
09:00-10:00	51.0	63.4	54.0	51.2	51.3	49.1
10:00-11:00	51.3	70.5	53.9	51.6	49.0	48.2
11:00-12:00	49.8	67.5	53.5	51.7	47.9	45.5
12:00-13:00	50.4	70.5	53.5	51.9	48.9	47.8
13:00-14:00	48.7	68.1	52.8	50.3	47.3	46.1
14:00-15:00	50.3	68.6	50.3	50.7	45.6	42.3
15:00-16:00	50.6	72.4	53.9	51.6	48.6	47.6
16:00-17:00	50.5	70.6	53.4	52.0	49.2	46.2
17:00-18:00	51.0	70.5	54.6	53.3	51.1	50.3
18:00-19:00	51.6	68.6	53.6	54.6	53.1	52.3
19:00-20:00	52.7	66.3	53.0	53.4	52.5	51.8
20:00-21:00	51.1	60.5	53.2	51.8	48.9	46.3
21:00-22:00	50.9	67.0	52.5	51.6	50.6	48.9
22:00-23:00	50.7	62.1	51.8	51.4	50.5	48.9
23:00-00:00	51.6	66.9	50.5	57.8	54.7	53.6
00:00-01:00	51.3	66.8	52.8	52.1	50.8	50.1
01:00-02:00	51.3	63.9	52.2	51.9	51.1	50.5
02:00-03:00	50.1	60.0	51.3	50.9	49.9	49.3
03:00-04:00	51.1	66.7	54.4	52.7	50.0	48.3
04:00-05:00	51.4	64.1	55.4	52.8	50.3	48.5
05:00-06:00	55.6	70.8	59.9	57.6	52.6	50.8
06:00-07:00	53.6	71.6	56.6	54.4	51.3	50.9
07:00-08:00	52.5	71.1	56.5	54.5	50.9	49.3
24 Hours Measurement	52.2	76.5	55.1	53.8	51.3	49.9
Standard ¹⁾	70	115	-	-	-	-
Lim	59.0	-	-	-	-	-

Remark 1 : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2558 (1995), published in the Royal Government Gazette No. 329 Special Part 119 dated January 25, B.E.2549 (2006).

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 BCC Tower, Witthawat Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/100 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khui Village, in the south-east of the Project, No.32/1 Moo 3, Ban Rai Khui, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 0552978 E, 1531948 N
Measured Date : May 14-15, 2025
Measured By : P. Nitad, S. Nitad
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-210 Serial Number 820464

Question No. : AR2025-00286
Analysis No. : 2025-AC053-039
Report No. : 2025-RAR-709
Report Date : May 30, 2025

Interval Time	Noise Level, dBA					
	Leg	Linear	L5	L10	L50	L90
08:00-09:00	50.7	67.7	54.3	52.6	49.0	47.6
09:00-10:00	51.3	74.9	52.7	52.5	50.5	48.0
10:00-11:00	54.6	65.3	56.7	56.1	54.2	52.7
11:00-12:00	50.6	71.6	53.5	51.5	48.9	47.9
12:00-13:00	50.2	68.6	54.3	53.1	48.3	47.1
13:00-14:00	50.2	65.4	53.6	51.6	49.5	46.2
14:00-15:00	50.4	74.8	53.0	51.8	48.6	48.5
15:00-16:00	50.9	68.4	54.6	52.7	49.4	48.1
16:00-17:00	50.9	71.0	53.9	52.2	49.6	48.6
17:00-18:00	50.6	66.9	53.3	51.8	48.8	48.9
18:00-19:00	50.8	63.5	52.8	51.8	50.3	49.5
19:00-20:00	52.0	63.2	55.0	54.1	52.8	51.4
20:00-21:00	50.3	67.6	56.3	55.1	53.7	50.9
21:00-22:00	52.6	65.4	53.9	53.3	51.8	49.7
22:00-23:00	49.8	68.8	51.5	50.6	48.2	48.3
23:00-00:00	49.7	65.9	52.4	50.7	48.9	48.0
00:00-01:00	49.6	64.4	52.4	50.9	48.9	48.1
01:00-02:00	48.6	65.0	48.9	49.1	48.2	47.8
02:00-03:00	49.1	62.0	50.3	48.7	46.8	46.3
03:00-04:00	50.3	66.1	54.0	51.8	49.3	48.5
04:00-05:00	50.7	74.0	54.4	52.5	49.0	47.9
05:00-06:00	52.4	73.2	55.4	52.7	50.5	49.0
06:00-07:00	51.3	69.1	53.9	52.3	50.2	49.4
07:00-08:00	53.4	67.2	56.1	54.7	52.7	51.8
24 Hours Measurement	51.3	74.0	54.0	52.6	50.4	49.2
Standard ¹⁾	70	115	-	-	-	-
Lim	57.0	-	-	-	-	-

Remark 1 : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2558 (1995), published in the Royal Government Gazette No. 329 Special Part 119 dated January 25, B.E.2549 (2006).

ANALYSIS REPORT

Customer Name : Banpong Uthits Co., Ltd.
Address : 122 6600 Tower, Witthawat Rangsit Road, Thung Song Hong, Sub. St., Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 15, The Phu, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The outside area of the Projects fence, Tambon The Phu, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WGS84) 47P 0592469 E, 1532395 N
Measured Date : May 9-10, 2025
Measured By : Mr. Nitai Sirichod
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820467

Quotation No. : AR0215-00286
Analysis No. : 2025-AC053-840
Report No. : 2025-RAA1711
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	L _{eq}	L _{max}	L ₅	L ₁₀	L ₅₀	L ₉₀
08:00-09:00	58.2	62.8	57.3	58.9	58.1	55.3
09:00-10:00	58.1	62.9	57.7	57.3	55.9	54.7
10:00-11:00	54.8	68.3	55.3	55.0	54.8	53.6
11:00-12:00	54.8	64.3	55.6	55.4	54.3	53.8
12:00-13:00	57.8	65.9	59.4	59.0	57.5	56.5
13:00-14:00	58.7	61.7	57.6	57.2	55.8	54.3
14:00-15:00	55.9	64.3	57.8	57.6	55.8	54.2
15:00-16:00	58.6	65.8	57.1	56.7	55.4	54.3
16:00-17:00	54.2	67.3	55.3	54.9	54.1	53.3
17:00-18:00	53.7	67.3	54.8	54.1	53.5	52.9
18:00-19:00	55.6	63.3	57.2	56.3	55.6	54.3
19:00-20:00	54.1	69.5	55.1	54.8	54.0	53.4
20:00-21:00	53.7	57.0	54.3	54.2	53.6	53.2
21:00-22:00	53.9	59.6	54.3	54.4	53.8	53.4
22:00-23:00	53.9	56.6	54.6	54.4	53.8	53.4
23:00-00:00	53.7	62.0	54.4	54.3	53.8	53.1
00:00-01:00	54.1	59.2	54.7	54.6	54.0	53.6
01:00-02:00	54.1	56.3	54.7	54.6	54.0	53.6
02:00-03:00	54.2	56.3	54.5	54.7	54.1	53.7
03:00-04:00	55.1	65.3	56.7	55.9	54.8	54.1
04:00-05:00	58.3	68.2	60.4	59.7	58.2	56.9
05:00-06:00	60.1	71.5	62.0	61.3	59.7	58.4
06:00-07:00	54.6	62.3	58.3	58.3	54.5	54.0
07:00-08:00	54.6	67.6	55.3	55.3	54.4	53.9
24 Hours Measurement	55.4	71.5	56.9	56.3	55.3	54.5
Standard ¹⁾	70	115	-	-	-	-
L _{dn}	62.3	-	-	-	-	-

Remark: ¹⁾ Notification of the Ministry of Industry B.E. 2549 (1996), issued under Factory Act B.E. 2551 (1982), published in the Royal Government Gazette No.121 Special Part 110 dated January 25, B.E. 2549 (1996).

ANALYSIS REPORT

Customer Name : Banpong Uthits Co., Ltd.
Address : 122 6600 Tower, Witthawat Rangsit Road, Thung Song Hong, Sub. St., Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 15, The Phu, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The outside area of the Projects fence, Tambon The Phu, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WGS84) 47P 0592469 E, 1532395 N
Measured Date : May 9-10, 2025
Measured By : Mr. Nitai Sirichod
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820467

Quotation No. : AR0215-00286
Analysis No. : 2025-AC053-840
Report No. : 2025-RAA1711
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	L _{eq}	L _{max}	L ₅	L ₁₀	L ₅₀	L ₉₀
08:00-09:00	58.9	61.7	57.7	57.5	56.9	55.3
09:00-10:00	57.3	65.1	58.5	58.1	57.1	56.4
10:00-11:00	55.0	67.8	56.9	56.4	54.6	53.1
11:00-12:00	52.9	60.3	54.1	53.0	52.7	51.6
12:00-13:00	54.4	64.7	55.3	55.2	54.3	53.5
13:00-14:00	52.7	64.4	54.6	54.4	53.4	52.8
14:00-15:00	53.6	60.6	54.5	54.3	53.5	52.9
15:00-16:00	53.8	63.1	54.3	54.3	53.7	53.1
16:00-17:00	53.0	60.7	53.8	53.5	52.8	52.4
17:00-18:00	53.9	63.9	55.0	54.6	53.8	53.8
18:00-19:00	55.9	63.4	57.3	56.9	55.8	54.8
19:00-20:00	54.9	62.7	58.1	55.9	54.8	53.6
20:00-21:00	53.4	66.0	54.0	53.9	53.3	52.8
21:00-22:00	53.2	63.7	53.7	53.6	53.1	52.6
22:00-23:00	53.1	59.2	54.9	53.8	53.2	52.8
23:00-00:00	52.8	64.6	53.6	53.3	52.7	52.3
00:00-01:00	53.0	59.2	53.6	53.4	52.9	52.3
01:00-02:00	53.8	55.5	54.4	54.3	53.7	53.3
02:00-03:00	54.0	64.9	54.6	54.3	53.9	53.3
03:00-04:00	53.0	65.4	56.9	56.1	54.6	53.9
04:00-05:00	54.5	67.1	60.1	59.7	58.3	57.0
05:00-06:00	58.4	70.3	60.9	60.6	58.7	57.6
06:00-07:00	54.1	66.2	55.6	54.9	53.7	53.2
07:00-08:00	54.3	70.4	56.6	56.3	53.9	53.3
24 Hours Measurement	55.0	70.4	56.3	55.8	54.8	54.0
Standard ¹⁾	70	115	-	-	-	-
L _{dn}	61.7	-	-	-	-	-

Remark: ¹⁾ Notification of the Ministry of Industry B.E. 2549 (1996), issued under Factory Act B.E. 2551 (1982), published in the Royal Government Gazette No.121 Special Part 110 dated January 25, B.E. 2549 (1996).

ANALYSIS REPORT

Customer Name : Bangkok Utilities Co., Ltd.
Address : 222 EECO Tower, Witthawal Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 113/100 Moo 15, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The outside area of the Projects Area, Tambon Tha Pha, Bangkok District, Ratchaburi Province
GPS Coordinate : UTM (WG84) 47P 0502469 E, 1532305 N
Measured Date : May 10-11, 2025
Measured By : Mr.Nitid Seiched
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 899467

Quotation No. : AR0025-00386
Analysis No. : 2025-AC053-040
Report No. : 2025-RAAL711
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	L _{eq}	L _{max}	L ₅	L ₁₀	L ₅₀	L ₉₀
08:00-09:00	54.7	63.9	55.8	53.3	54.5	52.9
09:00-10:00	56.9	66.7	56.9	56.9	55.5	55.4
10:00-11:00	55.1	63.1	56.3	55.8	55.0	54.4
11:00-12:00	53.5	60.0	54.6	54.2	53.3	52.5
12:00-13:00	54.5	59.6	55.7	55.4	54.3	53.5
13:00-14:00	53.5	62.0	54.8	54.5	53.8	53.2
14:00-15:00	55.2	65.1	56.3	56.1	55.1	54.0
15:00-16:00	56.6	68.7	58.6	58.0	56.3	55.0
16:00-17:00	55.3	66.0	57.3	56.7	54.7	53.9
17:00-18:00	57.7	71.0	59.8	59.8	57.4	55.2
18:00-19:00	59.8	71.8	61.9	61.3	59.1	57.5
19:00-20:00	62.9	74.6	64.4	64.0	61.5	60.8
20:00-21:00	55.4	65.4	58.5	56.2	55.3	54.5
21:00-22:00	55.1	68.3	58.7	55.5	55.0	54.6
22:00-23:00	54.0	69.7	54.7	54.4	53.9	53.3
23:00-00:00	54.3	71.6	55.3	54.8	53.9	53.3
00:00-01:00	54.0	68.8	54.7	54.5	53.9	53.4
01:00-02:00	53.7	58.1	54.1	54.1	53.5	53.2
02:00-03:00	52.9	63.4	54.5	54.3	53.8	53.5
03:00-04:00	55.1	62.0	56.7	56.3	54.9	53.9
04:00-05:00	56.6	74.0	60.3	59.9	58.4	56.9
05:00-06:00	58.7	67.7	60.3	60.5	59.4	57.1
06:00-07:00	59.3	68.2	59.5	59.0	54.0	53.5
07:00-08:00	59.1	66.8	58.3	55.8	54.9	54.3
24 Hours Measurement	56.3	74.9	57.9	57.5	56.2	55.1
Standard ¹⁾	70	115	-	-	-	-
L _{dn}	61.3	-	-	-	-	-

Remark 1 : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Ministry Act B.E.2551 (1992), published in the Royal Government Gazette No.123 Special Part 139 dated January 25, B.E.2548 (2005).



ANALYSIS REPORT

Customer Name : Bangkok Utilities Co., Ltd.
Address : 222 EECO Tower, Witthawal Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 113/100 Moo 15, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The outside area of the Projects Area, Tambon Tha Pha, Bangkok District, Ratchaburi Province
GPS Coordinate : UTM (WG84) 47P 0502469 E, 1532305 N
Measured Date : May 11-13, 2025
Measured By : Mr.Nitid Seiched
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

Quotation No. : AR0025-00386
Analysis No. : 2025-AC053-040
Report No. : 2025-RAAL711
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	L _{eq}	L _{max}	L ₅	L ₁₀	L ₅₀	L ₉₀
08:00-09:00	57.0	65.1	57.8	57.5	56.9	56.4
09:00-10:00	54.5	62.7	55.8	55.4	54.8	54.3
10:00-11:00	54.5	72.3	55.2	55.0	54.4	53.8
11:00-12:00	54.0	65.9	54.9	54.7	53.9	53.3
12:00-13:00	54.4	61.7	56.3	55.1	54.3	53.3
13:00-14:00	54.4	64.9	55.2	55.0	54.3	53.5
14:00-15:00	53.1	68.4	53.9	53.7	53.0	52.5
15:00-16:00	53.9	66.8	54.8	54.5	53.8	53.0
16:00-17:00	54.4	68.3	55.9	55.1	54.7	53.5
17:00-18:00	54.8	62.2	59.8	55.5	54.7	54.1
18:00-19:00	55.7	60.1	57.2	56.8	55.4	54.6
19:00-20:00	55.4	68.7	56.8	56.4	55.3	54.4
20:00-21:00	53.5	59.0	54.2	54.0	53.4	52.8
21:00-22:00	53.2	57.5	53.7	53.6	53.1	52.7
22:00-23:00	53.3	59.9	53.9	53.7	53.2	52.6
23:00-00:00	54.1	68.8	55.1	54.5	53.9	53.5
00:00-01:00	54.8	64.8	54.5	54.5	53.9	53.5
01:00-02:00	53.8	65.4	54.4	54.2	53.7	53.4
02:00-03:00	54.3	66.9	56.0	54.9	53.9	53.4
03:00-04:00	55.3	67.4	56.2	56.4	55.2	54.4
04:00-05:00	59.1	68.3	61.5	60.5	59.6	57.1
05:00-06:00	60.0	74.3	63.8	61.3	59.6	58.1
06:00-07:00	54.2	68.1	56.4	55.0	53.9	53.3
07:00-08:00	53.9	72.9	55.2	54.5	53.5	53.0
24 Hours Measurement	56.2	77.8	56.5	56.8	55.0	54.3
Standard ¹⁾	70	115	-	-	-	-
L _{dn}	61.3	-	-	-	-	-

Remark 1 : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Ministry Act B.E.2551 (1992), published in the Royal Government Gazette No.123 Special Part 139 dated January 25, B.E.2548 (2005).



ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 232 EGCO Tower, Witthayalai Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 15/366 Moo 15, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The outside area of the Projects fence, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WGS84) 47P 092469 E, 1532395 N
Measured Date : May 12-13, 2025
Measured By : Mr. Nild Sirichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-210 Serial Number 820497

Quotation No. : AR2025-00286
Analysis No. : 2025-AR053-040
Report No. : 2025-RAAL711
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	58.5	73.2	59.8	59.4	58.4	57.4
09:00-10:00	57.9	71.0	59.0	58.8	57.8	56.7
10:00-11:00	55.3	69.2	56.4	56.2	55.2	54.1
11:00-12:00	55.8	61.5	56.4	56.2	55.4	54.5
12:00-13:00	55.5	66.6	56.3	56.1	55.4	54.8
13:00-14:00	54.1	64.7	55.1	54.9	53.9	53.2
14:00-15:00	56.7	66.8	57.8	57.1	56.5	55.5
15:00-16:00	54.8	68.9	55.8	54.6	53.5	52.0
16:00-17:00	53.8	68.0	54.8	54.3	53.4	52.8
17:00-18:00	54.0	68.9	54.7	54.4	53.8	53.3
18:00-19:00	55.8	66.0	57.4	56.3	54.7	53.9
19:00-20:00	54.3	65.3	56.8	55.2	54.1	53.4
20:00-21:00	53.1	58.0	53.6	53.5	53.0	52.7
21:00-22:00	53.2	55.8	53.7	53.5	53.1	52.7
22:00-23:00	53.2	55.9	53.7	53.8	53.1	52.7
23:00-00:00	53.7	63.7	55.4	56.3	53.3	52.8
00:00-01:00	53.4	61.7	54.1	53.8	53.1	52.8
01:00-02:00	53.4	63.9	54.7	53.8	53.0	52.7
02:00-03:00	53.7	64.4	54.4	54.2	53.6	53.3
03:00-04:00	55.5	67.1	57.7	56.7	55.0	54.0
04:00-05:00	56.1	70.5	61.7	60.8	58.7	57.0
05:00-06:00	56.9	70.0	62.1	61.3	59.6	57.9
06:00-07:00	54.8	64.0	55.1	54.7	53.9	53.3
07:00-08:00	53.7	71.0	54.7	54.2	53.5	53.1
24 Hours Measurement	55.6	88.8	57.0	56.5	55.3	54.4
Standard ¹⁾	70	115	-	-	-	-
Lim	62.2	-	-	-	-	-

Remark : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2515 (1992), published in the Royal Government Gazette No.122 Special Part 119 (2005) January 25, B.E.2549 (2006).

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 232 EGCO Tower, Witthayalai Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 15/366 Moo 15, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The outside area of the Projects fence, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WGS84) 47P 092469 E, 1532395 N
Measured Date : May 12-13, 2025
Measured By : Mr. Nild Sirichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-210 Serial Number 820497

Quotation No. : AR2025-00286
Analysis No. : 2025-AR053-040
Report No. : 2025-RAAL711
Report Date : May 30, 2025

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	55.3	65.3	56.3	55.8	54.9	54.0
09:00-10:00	58.5	67.5	58.0	58.7	56.1	57.6
10:00-11:00	56.4	67.8	57.4	57.3	56.3	55.5
11:00-12:00	55.7	65.7	56.6	56.3	54.3	53.3
12:00-13:00	54.9	68.4	56.7	56.1	53.4	52.9
13:00-14:00	54.7	65.8	55.4	55.1	54.5	53.7
14:00-15:00	60.1	68.9	61.8	61.0	54.2	53.1
15:00-16:00	60.1	69.4	60.3	61.6	52.8	52.4
16:00-17:00	53.5	66.5	54.4	54.1	53.3	52.7
17:00-18:00	54.0	69.3	54.8	54.5	53.9	53.4
18:00-19:00	55.8	66.6	58.8	56.2	53.5	54.9
19:00-20:00	55.5	61.4	57.4	57.0	55.8	54.8
20:00-21:00	53.4	59.0	54.3	54.1	53.5	53.1
21:00-22:00	53.3	59.6	54.0	53.8	53.2	52.8
22:00-23:00	53.1	57.9	53.7	53.5	53.0	52.6
23:00-00:00	54.8	63.6	56.3	56.0	54.5	53.9
00:00-01:00	55.7	59.1	54.0	54.3	53.6	53.3
01:00-02:00	54.6	61.1	56.3	55.7	54.4	53.4
02:00-03:00	53.8	60.5	54.5	54.3	53.7	53.3
03:00-04:00	53.8	56.7	54.4	54.2	53.7	53.3
04:00-05:00	55.7	59.1	54.0	54.3	53.6	53.3
05:00-06:00	57.8	61.7	56.7	56.1	57.3	56.2
06:00-07:00	58.3	65.1	60.8	58.5	58.1	56.8
07:00-08:00	55.8	60.9	56.9	56.5	53.1	52.7
24 Hours Measurement	56.2	89.9	57.5	57.1	54.8	54.0
Standard ¹⁾	70	115	-	-	-	-
Lim	62.3	-	-	-	-	-

Remark : ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2515 (1992), published in the Royal Government Gazette No.122 Special Part 119 (2005) January 25, B.E.2549 (2006).

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
 Address : 1322 EGCO Tower, Witthawat Rangsat Road, Thung Song Hong, Lat Su, Bangkok 10310
 Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
 Project Location : 19/300 Muu 19, Tha Pha, Ban Pong, Ratchaburi
 Measured Source : Ambient Noise
 Measured Point : The outside area of the Projects fence, Tambon Tha Pha, Banpong District, Ratchaburi Province
 GPS Coordinate : UTM (WGS84) 47P 959246P E, 1132385 N
 Measured Date : May 14-15, 2025
 Measured By : Mr. Nard Srisakul
 Analyzed By : Environment Research & Technology Co., Ltd.
 Measured Instrument : Integrating Model Level Meter Scalet Tech Model ST-210 Serial Number 830457

Quotation No. : AK0115-00206
 Analysis No. : 2025-AC053-010
 Report No. : 2025-RAN0711
 Report Date : May 30, 2025

Interval Time	Noise Level (dBA)					
	L _{eq}	L _{max}	L ₅	L ₁₀	L ₅₀	L ₉₀
08:00-09:00	55.0	69.4	56.8	56.4	53.8	53.3
09:00-10:00	55.0	69.0	56.4	55.5	54.7	54.1
10:00-11:00	57.1	66.3	57.8	57.6	55.7	55.3
11:00-12:00	58.8	68.8	57.3	57.1	54.9	54.3
12:00-13:00	56.7	60.3	57.0	56.9	54.3	53.3
13:00-14:00	60.1	69.0	60.9	60.5	55.4	54.1
14:00-15:00	60.2	69.5	61.4	61.3	54.5	53.9
15:00-16:00	59.9	69.8	60.7	60.4	54.4	53.7
16:00-17:00	60.4	69.2	61.5	61.3	53.6	53.2
17:00-18:00	61.1	69.7	61.9	61.4	53.7	53.2
18:00-19:00	58.3	68.7	60.2	59.8	53.5	54.7
19:00-20:00	54.9	61.8	56.8	56.7	54.8	54.0
20:00-21:00	51.3	60.7	53.8	53.7	53.3	52.9
21:00-22:00	51.2	65.5	53.8	53.6	53.1	52.8
22:00-23:00	51.1	65.5	53.6	53.5	51.0	52.8
23:00-00:00	51.3	66.3	54.2	53.8	53.0	52.6
00:00-01:00	52.9	65.6	53.7	53.4	52.8	52.4
01:00-02:00	53.3	65.5	54.9	54.8	53.0	52.4
02:00-03:00	53.3	66.4	55.0	53.7	53.0	52.6
03:00-04:00	54.9	68.2	57.6	56.2	54.4	53.4
04:00-05:00	57.2	67.4	59.5	58.5	56.9	55.3
05:00-06:00	58.0	68.9	59.7	58.3	57.6	56.3
06:00-07:00	54.6	68.7	55.5	55.1	54.4	53.9
07:00-08:00	54.4	68.0	54.5	54.2	54.2	53.8
24 Hours Measurement	57.0	69.8	58.6	57.7	54.5	53.9
Standard ¹⁾	70	115	-	-	-	-
L _{dn}	61.9	-	-	-	-	-

Remarks: ¹⁾ Notification of the Ministry of Industry B.E.2548 (2005), issued under Factory Act B.E.2535 (2000), published in the Royal Government Gazette No.118 Special Part 118 (Extra) January 28, B.E.2549 (2006).



ANALYSIS REPORT

Customer Name : (Bangkok Utilities Co., Ltd.)
Address : 122 BGCD Tower, Witthayu Road, Thung Song Hong, Lak Si, Bangkok 10310
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Rajaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Rajaburi
Measured Source : Ambient Noise
Measured Date : May 8, 2025
Measured By : (Mr. Nitai Sirichai)
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-21D Serial Number 820449

Quotation No. : AR2025-00286
Analysis No. : 1025-AC053-036
Report No. : 1025-BAAL713
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Project Area	08:00-09:00	62.0	65.9
	09:00-10:00	63.1	67.2
	10:00-11:00	62.8	66.1
	11:00-12:00	62.8	76.5
	13:00-14:00	63.4	67.3
	14:00-15:00	62.1	69.2
	15:00-16:00	62.7	65.8
	16:00-17:00	64.3	60.6
	8 Hours Measurement	63.6	65.6

ANALYSIS REPORT

Customer Name : (Bangkok Utilities Co., Ltd.)
Address : 122 BGCD Tower, Witthayu Road, Thung Song Hong, Lak Si, Bangkok 10310
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Rajaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Rajaburi
Measured Source : Ambient Noise
Measured Date : May 8, 2025
Measured By : (Mr. Nitai Sirichai)
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-21D Serial Number 820449

Quotation No. : AR2025-00286
Analysis No. : 1025-AC053-036
Report No. : 1025-BAAL713
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Project Area	08:00-09:00	62.8	66.5
	09:00-10:00	63.4	76.8
	10:00-11:00	62.8	67.3
	11:00-12:00	62.3	78.2
	13:00-14:00	62.9	74.1
	14:00-15:00	62.9	75.6
	15:00-16:00	62.6	78.4
	16:00-17:00	62.7	74.9
	8 Hours Measurement	62.9	66.5

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 EGCO Tower, Witthawat Bangat Road, Thung Song Hong, Lat 9, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 10, 2025
Measured By : Mr. Noid Sitchai
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-31D Serial Number 820449

Quotation No. : AR2025-00286
Analysis No. : 2025-AC053-036
Report No. : 2025-RAA0713
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Project Area	08:00-09:00	63.1	66.5
	09:00-10:00	63.3	76.1
	10:00-11:00	63.4	65.2
	11:00-12:00	62.8	65.3
	12:00-13:00	64.2	62.0
	14:00-15:00	63.1	66.2
	15:00-16:00	65.7	61.1
	16:00-17:00	63.5	76.2
	18:00-19:00	63.8	60.2
	9 Hours Measurement	63.8	60.2

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 EGCO Tower, Witthawat Bangat Road, Thung Song Hong, Lat 9, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 11, 2025
Measured By : Mr. Noid Sitchai
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-31D Serial Number 820449

Quotation No. : AR2025-00286
Analysis No. : 2025-AC053-036
Report No. : 2025-RAA0713
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Project Area	08:00-09:00	63.1	70.9
	09:00-10:00	61.8	74.7
	10:00-11:00	61.9	73.2
	11:00-12:00	61.4	61.8
	13:00-14:00	61.3	71.9
	14:00-15:00	61.3	61.8
	16:00-17:00	61.9	70.4
	18:00-19:00	61.8	80.8
	9 Hours Measurement	61.3	61.6

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 BGCD Tower, Witwadee Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/100 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 13, 2025
Measured By : Mr. Noid Siriched
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-31B Serial Number 820449

Quotation No. : IAR025-00296
Analysis No. : 2025-AD053-036
Report No. : 2025-BAL713
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Project Area	08:00-09:00	61.8	75.1
	09:00-10:00	61.8	76.8
	10:00-11:00	61.3	76.4
	11:00-12:00	61.8	76.4
	12:00-13:00	61.6	80.4
	13:00-14:00	61.8	72.5
	14:00-15:00	61.0	75.0
	15:00-16:00	61.2	77.1
	16:00-17:00	61.6	80.4
	8 Hours Measurement	61.6	80.4

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 BGCD Tower, Witwadee Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/100 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 13, 2025
Measured By : Mr. Noid Siriched
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-31B Serial Number 820449

Quotation No. : IAR025-00296
Analysis No. : 2025-AD053-036
Report No. : 2025-BAL713
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Project Area	08:00-09:00	61.3	75.1
	09:00-10:00	61.8	75.2
	10:00-11:00	62.9	79.1
	11:00-12:00	61.7	79.0
	12:00-13:00	61.2	76.9
	13:00-14:00	62.4	82.6
	14:00-15:00	61.7	80.3
	15:00-16:00	61.8	75.8
	16:00-17:00	61.8	75.8
	8 Hours Measurement	62.2	83.3

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Witthakul Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 13/300 Moo 15, The Phra, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 14, 2025
Measured By : Mr. Nitad Sanchud
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 920449

Quotation No. : AR2025-00286
Analysis No. : 2025-AR003-036
Report No. : 2025-RAAL/14
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Project Area	08:00-09:00	65.1	79.8
	09:00-10:00	66.1	85.0
	10:00-11:00	69.2	78.0
	11:00-12:00	61.8	74.1
	12:00-14:00	62.7	74.4
	14:00-15:00	62.1	76.9
	15:00-16:00	61.0	80.7
	16:00-17:00	61.6	73.1
	8 Hours Measurement	63.4	86.2

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Witthakul Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 13/300 Moo 15, The Phra, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 8, 2025
Measured By : Mr. Nitad Sanchud
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 920453

Quotation No. : AR2025-00286
Analysis No. : 2025-AR003-037
Report No. : 2025-RAAL/14
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Samsang Pond No.1 Moo 15, Ban Khe, Tandon The Phra, Banpong District, Ratchaburi Province	08:00-09:00	56.7	75.9
	09:00-10:00	58.8	77.5
	10:00-11:00	52.4	80.4
	11:00-12:00	54.0	85.1
	12:00-14:00	58.0	83.5
	14:00-15:00	53.8	79.0
	15:00-16:00	55.2	78.0
	16:00-17:00	53.0	81.1
	8 Hours Measurement	55.1	88.8



ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 223 EGCO Tower, Witthavadi Rangsit Road, Thung Song Hong, Lat Su, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 13/300 Moo 10, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 19, 2025
Measured By : (Mr.Nitad Sirichai)
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820453

Quotation No. : AR2025-00286
Analysis No. : 2025-AC053-037
Report No. : 2025-BAA4714
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Kachanasai Pond, Moo 1, Moo 10, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province	08:00-09:00	57.0	78.5
	09:00-10:00	56.2	81.0
	10:00-11:00	57.1	82.3
	11:00-12:00	55.7	79.5
	12:00-14:00	53.5	73.0
	14:00-15:00	52.3	69.4
	15:00-16:00	53.0	75.7
	16:00-17:00	51.5	77.4
	8 Hours Measurement	55.3	87.3

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 223 EGCO Tower, Witthavadi Rangsit Road, Thung Song Hong, Lat Su, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 13/300 Moo 10, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 19, 2025
Measured By : (Mr.Nitad Sirichai)
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820453

Quotation No. : AR2025-00286
Analysis No. : 2025-AC053-037
Report No. : 2025-BAA4714
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Kachanasai Pond, Moo 1, Moo 10, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province	08:00-09:00	59.3	87.8
	09:00-10:00	57.5	89.7
	10:00-11:00	58.2	75.3
	11:00-12:00	55.1	77.3
	12:00-14:00	54.5	70.8
	14:00-15:00	55.1	75.5
	15:00-16:00	59.3	68.9
	16:00-17:00	52.3	80.3
	8 Hours Measurement	56.8	88.0



Laboratory Results



Compliance Comparison

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 BGCD Tower, Witthavadi Bangkok Road, Thung Song Hong, Lak Si, Bangkok 10310
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 11, 2025
Measured By : Mr. Atid Sirichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-210 Serial Number 830453

Quotation No. : AR1025-00186
Analysis No. : 2025-AC053-037
Report No. : 2025-BAA4714
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Kachara Pond, No.1 Moo 19, Ban Pong, Tandon Tho Pha, Banpong District, Ratchaburi Province	06:00-08:00	60.1	70.3
	08:00-10:00	57.8	66.5
	10:00-11:00	57.3	79.9
	11:00-12:00	58.2	73.8
	12:00-14:00	54.4	65.9
	14:00-15:00	54.4	75.8
	15:00-16:00	54.0	85.0
	16:00-17:00	55.2	81.5
	8 Hours Measurement	56.7	95.8

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 BGCD Tower, Witthavadi Bangkok Road, Thung Song Hong, Lak Si, Bangkok 10310
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 11, 2025
Measured By : Mr. Atid Sirichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-210 Serial Number 830453

Quotation No. : AR1025-00186
Analysis No. : 2025-AC053-037
Report No. : 2025-BAA4714
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Kachara Pond, No.1 Moo 19, Ban Pong, Tandon Tho Pha, Banpong District, Ratchaburi Province	06:00-08:00	51.2	76.9
	08:00-10:00	57.7	60.9
	10:00-11:00	55.5	90.8
	11:00-12:00	62.0	73.8
	12:00-14:00	51.4	74.0
	14:00-15:00	56.9	86.7
	15:00-16:00	54.8	73.7
	16:00-17:00	55.1	79.9
	8 Hours Measurement	57.1	90.8

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 BGCO Tower, Witthayalai Bangkok Road, Thung Song Hong, Pak Kret, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, The Phra, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 13, 2025
Measured By : Mr. Nitad - Sirichad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820453

Quotation No. : AR2025-00286
Analysis No. : 12025-AC053-007
Report No. : 12025-BAAL714
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Kothirai Pond, No.1 Moo 19, Ban Khrok, Tambon The Phra, Banpong District, Ratchaburi Province	06:00-09:00	54.4	77.9
	09:00-10:00	55.4	77.1
	10:00-11:00	56.2	74.9
	11:00-12:00	58.3	85.4
	13:00-14:00	57.3	80.3
	14:00-15:00	58.7	82.5
	15:00-16:00	63.0	79.9
	16:00-17:00	61.8	80.9
	8 Hours Measurement	58.5	85.6

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 BGCO Tower, Witthayalai Bangkok Road, Thung Song Hong, Pak Kret, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, The Phra, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 14, 2025
Measured By : Mr. Nitad - Sirichad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820453

Quotation No. : AR2025-00286
Analysis No. : 12025-AC053-007
Report No. : 12025-BAAL714
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Kothirai Pond, No.1 Moo 19, Ban Khrok, Tambon The Phra, Banpong District, Ratchaburi Province	06:00-09:00	54.1	72.4
	09:00-10:00	55.5	81.4
	10:00-11:00	55.8	80.0
	11:00-12:00	58.7	79.8
	13:00-14:00	54.0	79.8
	14:00-15:00	54.6	79.1
	15:00-16:00	55.7	80.4
	16:00-17:00	54.4	86.7
	8 Hours Measurement	55.8	86.7

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 BGD Tower, Witthavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 115/380 Moo 19, The Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 8, 2025
Measured By : Mr.Nitad Sirichad
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-21D Serial Number 800451

Question No. : AR2025-00286
Analysis No. : 2025-AC053-038
Report No. : 2025-RAL715
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Ban Rai Khua Village, in the north of the Project, No.36 Moo 2, Ban Rai Khua, Tambon The Pha, Banpong District, Ratchaburi Province	08:00-09:00	53.3	74.5
	09:00-10:00	53.1	73.4
	10:00-11:00	52.0	69.8
	11:00-12:00	52.5	72.3
	12:00-14:00	51.8	70.1
	14:00-15:00	51.2	67.4
	15:00-16:00	51.5	68.6
	16:00-17:00	51.7	69.7
	8 Hours Measurement	52.9	74.5

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 BGD Tower, Witthavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 115/380 Moo 19, The Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 9, 2025
Measured By : Mr.Nitad Sirichad
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-21D Serial Number 800451

Question No. : AR2025-00286
Analysis No. : 2025-AC053-038
Report No. : 2025-RAL715
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Ban Rai Khua Village, in the north of the Project, No.36 Moo 2, Ban Rai Khua, Tambon The Pha, Banpong District, Ratchaburi Province	08:00-09:00	54.8	71.3
	09:00-10:00	53.0	69.1
	10:00-11:00	52.3	66.3
	11:00-12:00	51.4	70.3
	12:00-14:00	50.6	70.4
	14:00-15:00	50.3	70.6
	15:00-16:00	51.3	70.7
	16:00-17:00	52.9	74.4
	8 Hours Measurement	52.5	76.8

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 212 GGCO Tower, Witthayalai Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 10, The Pua, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 10, 2025
Measured By : Mr. Noid Sirichad
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820451

Quotation No. : AR2025-00286
Analysis No. : 1005-AC053-038
Report No. : 1005-BAAL715
Report Date : May 10, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Ban Rai Kruai Village, in the north of the Project, No.36 Moo 2, Ban Rai Kruai, Tambon The Pua, Banpong District, Ratchaburi Province	06:00-09:00	55.8	72.1
	09:00-12:00	58.6	76.6
	12:00-13:00	56.4	78.3
	13:00-14:00	55.9	75.4
	14:00-15:00	56.3	79.1
	15:00-16:00	51.5	78.5
	16:00-18:00	53.8	79.5
	18:00-19:00	52.5	86.4
	8 Hours Measurement	55.3	86.4

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 212 GGCO Tower, Witthayalai Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 10, The Pua, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 11, 2025
Measured By : Mr. Noid Sirichad
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820451

Quotation No. : AR2025-00286
Analysis No. : 1005-AC053-038
Report No. : 1005-BAAL715
Report Date : May 10, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Ban Rai Kruai Village, in the north of the Project, No.36 Moo 2, Ban Rai Kruai, Tambon The Pua, Banpong District, Ratchaburi Province	06:00-09:00	55.8	74.1
	09:00-12:00	53.8	77.9
	12:00-13:00	52.4	79.8
	13:00-14:00	51.5	88.1
	14:00-15:00	50.8	89.1
	15:00-16:00	49.9	88.9
	16:00-18:00	48.6	87.3
	18:00-19:00	52.7	87.9
	8 Hours Measurement	53.0	78.8

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 88200 Tower, Witthaiwit Banpet Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/308 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 11, 2025
Measured By : Mr.Nitad Siridrak
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scafold Tech Model ST-21D Serial Number 820451

Quotation No. : AR2025-00396
Analysis No. : 2025-AC053-038
Report No. : 2025-RANL715
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Ban Rai Khui Village, in the north of the Project, No.39 Moo 2, Ban Rai Khui, Tambon Tho Pha, Banpong District, Ratchaburi Province	08:00-09:00	53.5	76.1
	09:00-10:00	54.3	76.4
	10:00-11:00	49.8	68.6
	11:00-12:00	58.2	75.1
	13:00-14:00	58.0	77.2
	14:00-15:00	54.6	70.4
	15:00-16:00	50.4	70.8
	16:00-17:00	50.3	70.8
	8 Hours Measurement	52.7	79.4

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 88200 Tower, Witthaiwit Banpet Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/308 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 11, 2025
Measured By : Mr.Nitad Siridrak
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scafold Tech Model ST-21D Serial Number 820451

Quotation No. : AR2025-00396
Analysis No. : 2025-AC053-038
Report No. : 2025-RANL715
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Ban Rai Khui Village, in the north of the Project, No.39 Moo 2, Ban Rai Khui, Tambon Tho Pha, Banpong District, Ratchaburi Province	08:00-09:00	53.8	76.6
	09:00-10:00	54.1	74.3
	10:00-11:00	50.1	71.7
	11:00-12:00	50.8	69.8
	13:00-14:00	50.0	69.3
	14:00-15:00	54.1	72.9
	15:00-16:00	51.3	72.1
	16:00-17:00	50.4	75.7
	8 Hours Measurement	52.9	78.6

ANALYSIS REPORT

Customer Name : Bangkok Utilities Co., Ltd.
Address : 223 EGCO Tower, Witthayu Road, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 19/306 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 14, 2025
Measured By : Mr. Nitai Sirichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820452

Quotation No. : AR2025-00286
Analysis No. : 2025-AC053-038
Report No. : 2025-BAAL715
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Ban Kai Kiat Village, is the north of the Project, No.38 Moo 2, Ban Kai Kiat, Tambon Tha Pha, Bangkok District, Ratchaburi Province	08:00-09:00	50.1	66.6
	09:00-10:00	53.2	71.4
	10:00-11:00	54.3	73.6
	11:00-12:00	49.0	65.4
	12:00-14:00	51.4	67.7
	14:00-15:00	51.1	71.4
	15:00-16:00	51.8	70.4
	16:00-17:00	50.1	66.0
	8 Hours Measurement	51.0	76.0

ANALYSIS REPORT

Customer Name : Bangkok Utilities Co., Ltd.
Address : 223 EGCO Tower, Witthayu Road, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 19/306 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 8, 2025
Measured By : Mr. Nitai Sirichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820464

Quotation No. : AR2025-00286
Analysis No. : 2025-AC053-039
Report No. : 2025-BAAL716
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Ban Kai Kiat Village, is the south-east of the Project, No.30/1 Moo 2, Ban Kai Kiat, Tambon Tha Pha, Bangkok District, Ratchaburi Province	08:00-09:00	53.2	74.6
	09:00-10:00	50.8	71.0
	10:00-11:00	51.1	75.7
	11:00-12:00	52.0	69.3
	12:00-14:00	51.3	65.4
	14:00-15:00	49.0	73.5
	15:00-16:00	52.0	71.3
	16:00-17:00	53.0	69.0
	8 Hours Measurement	52.8	75.7

ANALYSIS REPORT

Customer Name : (Bangkok Utilities Co., Ltd.)
Address : 223 EGCO Tower, Witthayu Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 19/100 Moo 15, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 9, 2025
Measured By : (M) Nitid Sirichad
Analyzed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820464

Quotation No. : AR2025-00386
Analysis No. : 2025-AC053-039
Report No. : 2025-RAAL716
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Ban Rai Kua Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Kua, Tambon Tha Pha, Bangkok District, Ratchaburi Province	08:00-09:00	52.9	67.3
	09:00-10:00	53.6	77.6
	10:00-11:00	51.9	76.1
	11:00-12:00	51.1	73.5
	12:00-13:00	49.8	63.3
	14:00-15:00	48.9	66.1
	15:00-16:00	49.8	76.3
	16:00-17:00	50.3	66.6
8 Hours Measurement		51.3	76.2

ANALYSIS REPORT

Customer Name : (Bangkok Utilities Co., Ltd.)
Address : 223 EGCO Tower, Witthayu Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 19/100 Moo 15, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 10, 2025
Measured By : (M) Nitid Sirichad
Analyzed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820464

Quotation No. : AR2025-00386
Analysis No. : 2025-AC053-039
Report No. : 2025-RAAL716
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Ban Rai Kua Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Kua, Tambon Tha Pha, Bangkok District, Ratchaburi Province	08:00-09:00	52.5	74.3
	09:00-10:00	52.1	65.8
	10:00-11:00	51.0	67.9
	11:00-12:00	52.5	74.3
	13:00-14:00	52.9	73.2
	14:00-15:00	52.1	73.4
	15:00-16:00	55.9	77.5
	16:00-17:00	55.1	72.9
8 Hours Measurement		53.7	72.5

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Witthawadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 115/304 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 11, 2025
Measured By : Mr.Nitad Sirichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820464

Quotation No. : AE2025-00286
Analysis No. : 2025-AC053-020
Report No. : 2025-BAAL716
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of San Rai Kluai Waig, in the south-east of the Project, No.30/1 Moo 2, San Rai Kluai, Tambon Tho Pha, Banpong District, Ratchaburi Province	08:00-09:00	54.3	72.3
	09:00-10:00	51.3	67.2
	10:00-11:00	51.3	74.8
	11:00-12:00	50.0	67.8
	12:00-13:00	48.6	60.6
	14:00-15:00	48.8	64.0
	15:00-16:00	48.9	73.0
	16:00-17:00	52.2	68.8
	8 Hours Measurement	51.3	74.8

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Witthawadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 115/304 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 12, 2025
Measured By : Mr.Nitad Sirichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820464

Quotation No. : AE2025-00286
Analysis No. : 2025-AC053-020
Report No. : 2025-BAAL716
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of San Rai Kluai Waig, in the south-east of the Project, No.30/1 Moo 2, San Rai Kluai, Tambon Tho Pha, Banpong District, Ratchaburi Province	08:00-09:00	51.3	77.8
	09:00-10:00	53.8	73.8
	10:00-11:00	50.2	69.4
	11:00-12:00	55.8	75.1
	12:00-13:00	58.1	73.6
	14:00-15:00	48.6	58.0
	15:00-16:00	48.3	65.3
	16:00-17:00	49.3	62.7
	8 Hours Measurement	52.1	78.8

ANALYSIS REPORT

Customer Name : (Bangkok UBBES CO., Ltd.)
Address : (223 EGCO Tower, Witthawat Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210)
Project Name : (Steam and Electricity Generating Unit Project, Bangpang District, Ratchaburi Province)
Project Location : (15/300 Moo 19, Tha Phra, Ban Pong, Ratchaburi)
Measured Source : (Ambient Noise)
Measured Date : (May 13, 2025)
Measured By : (Mr.Nitad Seidlad)
Analysed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scarlet Tech Model ST-21D-Serial Number 820464)

Quotation No. : (AR2025-00286)
Analysis No. : (2025-AC053-019)
Report No. : (2025-RAAL716)
Report Date : (May 30, 2025)

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Ban Rai Kluai Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Kluai, Tambon Tha Phra, Bangpang District, Ratchaburi Province	08:00-09:00	51.9	71.1
	09:00-10:00	51.6	63.4
	10:00-11:00	51.3	76.3
	11:00-12:00	49.8	62.5
	13:00-14:00	48.7	66.1
	14:00-15:00	54.3	69.6
	15:00-16:00	50.6	72.4
	16:00-17:00	48.6	70.6
	8 Hours Measurement	51.0	76.5

ANALYSIS REPORT

Customer Name : (Bangkok UBBES CO., Ltd.)
Address : (223 EGCO Tower, Witthawat Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210)
Project Name : (Steam and Electricity Generating Unit Project, Bangpang District, Ratchaburi Province)
Project Location : (19/300 Moo 18, Tha Phra, Ban Pong, Ratchaburi)
Measured Source : (Ambient Noise)
Measured Date : (May 14, 2025)
Measured By : (Mr.Nitad Seidlad)
Analysed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scarlet Tech Model ST-21D-Serial Number 820464)

Quotation No. : (AR2025-00286)
Analysis No. : (2025-AC053-019)
Report No. : (2025-RAAL716)
Report Date : (May 30, 2025)

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The area of Ban Rai Kluai Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Kluai, Tambon Tha Phra, Bangpang District, Ratchaburi Province	08:00-09:00	50.7	67.7
	09:00-10:00	51.3	74.8
	10:00-11:00	54.6	69.9
	11:00-12:00	54.6	71.8
	13:00-14:00	55.2	65.4
	14:00-15:00	55.4	72.9
	15:00-16:00	50.9	68.4
	16:00-17:00	50.9	71.9
	8 Hours Measurement	51.4	74.0

ANALYSIS REPORT

Customer Name	Bangkok Utilities Co., Ltd.		
Address	222 ESDO Tower, Witthayu Road, Thung Song Hong, Suk Si, Bangkok 10210		
Project Name	Steam and Electricity Generating Unit Project, Bangkok District, Rajaburi Province		
Project Location	19/30 Moo 19, The Pua, Ban Pong, Kanchanuri		
Measured Source	Ambient Noise		
Measured Date	May 8, 2025		
Measured By	Mr. Nitai Sirichai		
Analysed By	Environment Research & Technology Co., Ltd.		
Measured Instrument	Interference Sound Level Meter Scaler (with Model ST-210 Serial Number 820457		
Quotation No.	Analysis No.		
	Report No.		
	Report Date		

Measured Location	Interval Time	Noise Level dBA	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The outside area of the Projects Fence, Tambora The PMA, Rangpong District, Ratchaburi Province	06:00-07:00	54.8	62.8
	08:00-09:00	55.1	63.9
	10:00-11:00	54.8	68.2
	11:00-12:00	54.6	69.3
	13:00-14:00	55.7	63.7
	14:00-15:00	55.9	64.5
	16:00-18:00	55.6	65.8
	18:00-19:00	54.2	67.2
	20:00-21:00	54.2	67.2
	24 Hours Measurement	55.4	68.2

ANALYSIS REPORT

Customer Name	Bangkok Mills Co., Ltd.		
Address	222 EGCO Tower, Witthayu Road, Thung Song Hong, Lak Si, Bangkok 10210		
Project Name	Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province		
Project Location	19380 Mae Ha, Tha Phra, Nan Pong, Ratchaburi		
Measured Source	Ambient Noise		
Measured Date	May 4, 2025		
Measured By	PE-Akai Sirichai		
Analyzed By	Environment Research & Technology Co., Ltd.		
Measured Instrument	Integration Sound Level Meter Scaut Tech Model ST-21D Serial Number 820457		
Quotation No.	1R2025-00286		
Analysis No.	1005-AD253-090		
Report No.	1005-RAAL717		
Report Date	May 30, 2025		

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The outside area of the Projects Area, Tambon Tha Phu, Kancheng District, Ratchaburi Province	08:00-09:00	56.0	61.7
	09:00-10:00	57.3	63.1
	10:00-11:00	58.0	67.8
	11:00-12:00	58.9	69.3
	13:00-14:00	53.7	64.1
	14:00-15:00	53.8	66.6
	15:00-16:00	53.8	63.1
	16:00-17:00	53.8	60.7
	8 Hour Measurement	54.8	67.8

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/100 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 10, 2025
Measured By : Mr. Nitid Sirichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820457

Quotation No. : AR0025-00286
Analysis No. : 2025-AC051-040
Report No. : 2025-RAAL717
Report Date : May 10, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The outside area of the Project Area, Tambon Tha Pha, Banpong District, Ratchaburi Province	00:00-00:00	54.7	60.9
	00:00-01:00	56.0	60.7
	01:00-02:00	55.3	63.1
	02:00-03:00	53.9	60.8
	03:00-04:00	53.9	62.0
	04:00-05:00	53.2	65.1
	05:00-06:00	58.6	68.7
	06:00-07:00	55.3	66.5
	8 Hours Measurement	55.2	68.7



ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/100 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 10, 2025
Measured By : Mr. Nitid Sirichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820457

Quotation No. : AR0025-00286
Analysis No. : 2025-AC051-040
Report No. : 2025-RAAL717
Report Date : May 10, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The outside area of the Project Area, Tambon Tha Pha, Banpong District, Ratchaburi Province	00:00-00:00	57.0	60.1
	00:00-01:00	54.0	62.7
	01:00-02:00	54.5	72.3
	02:00-03:00	54.0	65.9
	03:00-04:00	54.8	64.0
	04:00-05:00	53.1	68.4
	05:00-06:00	53.9	66.9
	06:00-07:00	54.4	68.2
	8 Hours Measurement	54.7	72.3



ANALYSIS REPORT

Customer Name : Bangkok Utilities Co., Ltd.
Address : 222 EGCO Tower, Witthayalai Bangkok Road, Thung Song Hong, Lat Su, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 19/300 Moo 19, The Pru, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 13, 2025
Measured By : Mr.Mitad Sirichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-210 Serial Number 820457

Quotation No. : AR2025-00286
Analysis No. : 12025-AD053-040
Report No. : 12025-RAAL717
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The outside area of the Project fence, Tambon Tha Pru, Bangkok District, Ratchaburi Province	08:00-09:00	58.5	75.3
	09:00-10:00	57.9	71.0
	10:00-11:00	55.3	69.1
	11:00-12:00	53.8	61.5
	13:00-14:00	54.1	64.7
	14:00-15:00	54.7	65.8
	15:00-16:00	54.0	66.9
	16:00-17:00	53.8	66.8
3 Hours Measurement		56.1	68.0



ANALYSIS REPORT

Customer Name : Bangkok Utilities Co., Ltd.
Address : 222 EGCO Tower, Witthayalai Bangkok Road, Thung Song Hong, Lat Su, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 19/300 Moo 19, The Pru, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Date : May 13, 2025
Measured By : Mr.Mitad Sirichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-210 Serial Number 820457

Quotation No. : AR2025-00286
Analysis No. : 12025-AD053-040
Report No. : 12025-RAAL717
Report Date : May 30, 2025

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The outside area of the Project fence, Tambon Tha Pru, Bangkok District, Ratchaburi Province	08:00-09:00	58.5	66.3
	09:00-10:00	58.5	67.9
	10:00-11:00	56.4	67.6
	11:00-12:00	55.7	66.7
	13:00-14:00	54.7	63.8
	14:00-15:00	55.1	66.9
	15:00-16:00	55.1	66.4
	16:00-17:00	55.5	66.5
3 Hours Measurement		57.4	68.4



ANALYSIS REPORT

Customer Name	Bangkok Utilities Co., Ltd.		
Address	122 BGC Tower, Witthai Road, Thung Song Hong, Ltd. Bldg. 5th Floor 10110		
Project Name	Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province		
Project Location	135/380 Moo 15, Tho Pha, Ban Pong, Ratchaburi		
Measured Source	Artificial Noise	Quotation No.	AR2025-00286
Measured Date	May 14, 2025	Analysis No.	2025-AC053-040
Measured By	Ph. Jitad, Sirichai	Report No.	2025-BAAL717
Analyzed By	Environment Research & Technology Co., Ltd.	Report Date	May 30, 2025
Measured Instrument	Integrating Sound Level Meter Scalet-Tech Model ST-210 Serial Number 830457		

Measured Location	Interval Time	Noise Level dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
The outside area of the Project Area, Tambon Tho Pha, Bangkok District, Ratchaburi Province	08:00-09:00	52.8	60.4
	09:00-10:00	55.6	60.2
	10:00-11:00	57.1	60.2
	11:00-12:00	58.8	60.8
	12:00-13:00	60.1	62.0
	14:00-15:00	60.2	68.6
	15:00-16:00	59.9	60.6
	16:00-17:00	60.8	69.2
8 Hours Measurement		58.8	69.8



ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 EGCO Tower, Witthayu Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 15/308 Moo 15, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : Project Area
GPS Coordinate : UTM (48Q884) 47P 050260.8 E, 1532373 N
Measured By : May 8, 2025
Measured Date : (Mr.)Nad Sirichad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scair Tech Model ST-21D Serial Number 820449

Quotation No. : AR0225-00286
Analysis No. : 2025-ACC03-036
Report No. : 2025-RAAL702
Report Date : (May 30, 2025)

Interval Time	Noise Level For 3 minutes, dB(A)		Interval Time	Noise Level For 3 minutes, dB(A)		Interval Time	Noise Level For 3 minutes, dB(A)		Interval Time	Noise Level For 3 minutes, dB(A)		Interval Time	Noise Level For 3 minutes, dB(A)		Interval Time	Noise Level For 3 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	63.2	63.8	11:00-11:05	63.6	61.7	14:00-14:05	62.6	61.7	17:00-17:05	63.7	62.9	20:00-20:05	62.4	62.8	23:00-23:05	63.2	62.4
08:05-08:10	63.0	61.7	11:05-11:10	62.6	61.8	14:05-14:10	62.8	62.8	17:05-17:10	64.3	62.4	20:05-20:10	62.7	62.0	23:05-23:10	63.2	62.4
08:10-08:15	62.4	61.8	11:10-11:15	62.8	62.8	14:10-14:15	62.8	61.7	17:10-17:15	63.9	60.9	20:10-20:15	62.7	62.1	23:10-23:15	63.2	62.4
08:15-08:20	62.6	61.8	11:15-11:20	62.7	62.8	14:15-14:20	63.4	62.8	17:15-17:20	64.4	62.3	20:15-20:20	62.6	61.9	23:15-23:20	63.1	62.3
08:20-08:25	63.2	61.8	11:20-11:25	62.4	62.7	14:20-14:25	62.7	61.7	17:20-17:25	63.7	62.4	20:20-20:25	61.9	61.1	23:20-23:25	62.8	62.6
08:25-08:30	62.1	61.8	11:25-11:30	63.0	62.0	14:25-14:30	63.7	61.7	17:25-17:30	63.6	62.6	20:25-20:30	61.0	61.2	23:25-23:30	63.5	62.3
08:30-08:35	62.8	61.8	11:30-11:35	62.9	62.8	14:30-14:35	63.4	61.9	17:30-17:35	63.3	62.7	20:30-20:35	61.8	61.0	23:30-23:35	62.8	62.3
08:35-08:40	62.3	62.1	11:35-11:40	63.8	62.9	14:35-14:40	62.8	61.7	17:35-17:40	63.3	62.8	20:35-20:40	61.0	61.2	23:35-23:40	62.8	62.4
08:40-08:45	63.7	62.1	11:40-11:45	62.8	62.0	14:40-14:45	63.8	61.7	17:40-17:45	63.9	62.8	20:40-20:45	61.9	61.2	23:40-23:45	62.7	62.1
08:45-08:50	62.4	62.4	11:45-11:50	62.7	61.6	14:45-14:50	62.3	62.0	17:45-17:50	63.5	62.7	20:45-20:50	62.3	61.3	23:45-23:50	62.8	62.5
08:50-08:55	62.8	62.0	11:50-11:55	62.4	61.8	14:50-14:55	62.3	62.1	17:50-17:55	62.7	62.6	20:50-20:55	62.6	61.8	23:50-23:55	62.8	62.6
08:55-09:00	62.9	62.1	11:55-12:00	62.3	62.1	14:55-15:00	64.1	62.4	17:55-18:00	63.6	62.7	20:55-21:00	62.7	62.8	23:55-24:00	62.6	62.8
09:00-09:05	62.4	62.4	12:00-12:05	62.3	61.7	15:00-15:05	62.1	62.1	18:00-18:05	63.7	62.8	21:00-21:05	62.9	62.1	00:00-00:05	62.9	62.1
09:05-09:10	62.5	62.3	12:05-12:10	62.9	61.5	15:05-15:10	62.9	62.3	18:05-18:10	63.7	62.8	21:05-21:10	62.8	62.1	00:05-00:10	62.6	62.1
09:10-09:15	62.4	62.4	12:10-12:15	62.2	62.6	15:10-15:15	62.8	62.3	18:10-18:15	63.6	62.8	21:10-21:15	62.8	62.8	00:10-00:15	62.7	62.2
09:15-09:20	62.7	62.5	12:15-12:20	62.9	62.4	15:15-15:20	62.0	62.2	18:15-18:20	64.3	62.8	21:15-21:20	62.7	62.1	00:15-00:20	62.2	62.8
09:20-09:25	62.4	62.2	12:20-12:25	63.0	62.8	15:20-15:25	62.1	62.3	18:20-18:25	63.4	62.8	21:20-21:25	62.8	62.0	00:20-00:25	62.7	62.8
09:25-09:30	62.1	62.2	12:25-12:30	62.4	62.6	15:25-15:30	62.3	62.1	18:25-18:30	64.2	62.7	21:25-21:30	62.6	61.8	00:25-00:30	62.6	62.3
09:30-09:35	62.7	61.8	12:30-12:35	62.1	62.9	15:30-15:35	62.8	62.4	18:30-18:35	64.3	62.7	21:30-21:35	62.4	61.6	00:30-00:35	62.7	62.4
09:35-09:40	62.8	61.8	12:35-12:40	62.5	62.8	15:35-15:40	62.8	62.8	18:35-18:40	64.6	62.7	21:35-21:40	62.5	61.8	00:35-00:40	62.8	62.3
09:40-09:45	62.5	61.8	12:40-12:45	62.1	62.0	15:40-15:45	62.8	62.9	18:40-18:45	64.6	62.7	21:40-21:45	62.5	61.8	00:40-00:45	62.8	62.3
09:45-09:50	62.9	61.8	12:45-12:50	62.3	61.8	15:45-15:50	62.4	62.4	18:45-18:50	62.1	62.4	21:45-21:50	62.7	61.9	00:45-00:50	62.1	62.4
09:50-09:55	62.5	62.6	12:50-12:55	62.2	61.7	15:50-15:55	62.4	62.4	18:50-18:55	62.3	62.4	21:50-21:55	62.9	62.2	00:50-00:55	62.3	62.3
09:55-10:00	62.9	62.8	12:55-13:00	62.8	61.3	15:55-16:00	62.8	62.8	18:55-19:00	62.8	62.8	21:55-22:00	62.9	62.2	00:55-01:00	62.8	62.4
10:00-10:05	62.9	62.8	13:00-13:05	62.8	62.7	16:00-16:05	62.9	62.8	19:00-19:05	62.8	62.2	22:00-22:05	62.7	61.9	01:00-01:05	62.3	62.6
10:05-10:10	62.2	62.4	13:05-13:10	62.4	62.2	16:05-16:10	62.1	62.8	19:05-19:10	62.1	62.3	22:05-22:10	62.8	62.1	01:05-01:10	62.4	62.7
10:10-10:15	62.5	61.9	13:10-13:15	62.4	62.2	16:10-16:15	62.8	62.8	19:10-19:15	62.8	62.8	22:10-22:15	62.9	62.1	01:10-01:15	62.4	62.7
10:15-10:20	62.6	62.5	13:15-13:20	62.9	62.5	16:15-16:20	62.3	62.0	19:15-19:20	62.7	62.1	22:15-22:20	62.8	62.2	01:15-01:20	62.6	62.8
10:20-10:25	62.0	62.4	13:20-13:25	62.6	62.6	16:20-16:25	62.8	62.6	19:20-19:25	62.8	62.0	22:20-22:25	62.9	62.0	01:20-01:25	62.5	62.8
10:25-10:30	62.0	62.7	13:25-13:30	62.8	62.6	16:25-16:30	62.8	62.7	19:25-19:30	62.8	62.1	22:25-22:30	62.9	62.3	01:25-01:30	62.8	62.7
10:30-10:35	62.3	62.4	13:30-13:35	62.8	62.3	16:30-16:35	62.3	62.1	19:30-19:35	62.4	61.7	22:30-22:35	62.7	62.4	01:30-01:35	62.3	62.7
10:35-10:40	62.9	62.4	13:35-13:40	62.2	62.3	16:35-16:40	62.2	62.5	19:35-19:40	62.0	61.3	22:35-22:40	62.4	62.6	01:35-01:40	62.8	62.8
10:40-10:45	62.9	62.8	13:40-13:45	62.8	62.8	16:40-16:45	62.2	62.5	19:40-19:45	62.0	61.3	22:40-22:45	62.3	62.4	01:40-01:45	62.8	62.8
10:45-10:50	62.1	62.2	13:45-13:50	62.7	61.8	16:45-16:50	62.4	62.4	19:45-19:50	62.1	62.4	22:45-22:50	62.3	62.6	01:45-01:50	62.8	62.8
10:50-10:55	62.8	62.8	13:50-13:55	62.8	61.8	16:50-16:55	62.7	62.5	19:50-19:55	62.2	61.9	22:50-22:55	62.3	62.6	01:50-01:55	62.3	62.2
10:55-11:00	62.6	62.7	13:55-14:00	62.8	61.6	16:55-17:00	62.5	62.1	19:55-20:00	62.3	61.8	22:55-23:00	62.4	62.0	01:55-02:00	62.1	62.8

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 EGCO Tower, Witthayu Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 15/308 Moo 15, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : Project Area
GPS Coordinate : UTM (48Q884) 47P 050260.8 E, 1532373 N
Measured By : May 8, 2025
Measured Date : (Mr.)Nad Sirichad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scair Tech Model ST-21D Serial Number 820449

Quotation No. : AR0225-00286
Analysis No. : 2025-ACC03-036
Report No. : 2025-RAAL702
Report Date : (May 30, 2025)

Interval Time	Noise Level For 3 minutes, dB(A)		Interval Time	Noise Level For 3 minutes, dB(A)		Interval Time	Noise Level For 3 minutes, dB(A)		Interval Time	Noise Level For 3 minutes, dB(A)		Interval Time	Noise Level For 3 minutes, dB(A)		Interval Time	Noise Level For 3 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	62.4	62.8	23:00-23:05	63.2	62.4	02:00-02:05	62.1	62.1	05:00-05:05	62.3	64.1	08:00-08:05	62.7	62.8	11:00-11:05	62.6	61.7
20:05-20:10	62.7	62.0	23:05-23:10	63.2	62.1	02:05-02:10	62.6	62.2	05:05-05:10	62.6	62.2	08:05-08:10	62.6	62.2	11:05-11:10	62.6	61.8
20:10-20:15	62.7	62.1	23:10-23:15	63.1	62.4	02:10-02:15	62.7	62.2	05:10-05:15	62.3	64.2	08:10-08:15	62.6	62.2	11:10-11:15	62.8	62.8
20:15-20:20	62.6	61.9	23:15-23:20	63.1	62.3	02:15-02:20	62.8	62.3	05:15-05:20	62.8	62.3	08:15-08:20	62.6	62.3	11:15-11:20	62.7	62.8
20:20-20:25	61.9	61.1	23:20-23:25	62.8	62.6	02:20-02:25	62.0	62.1	05:20-05:25	62.0	64.0	08:20-08:25	62.5	62.1	11:20-11:25	62.4	62.7
20:25-20:30	61.0	61.2	23:25-23:30	63.5	62.4	02:25-02:30	62.8	62.3	05:25-05:30	62.8	62.3	08:25-08:30	62.8	62.3	11:25-11:30	63.0	62.0
20:30-20:35	61.8	61.0	23:30-23:35	62.8	62.3	02:30-02:35	62.8	62.3	05:30-05:35	62.8	62.3	08:30-08:35	62.8	62.3	11:30-11:35	62.9	62.8
20:35-20:40	61.0	61.2	23:35-23:40	62.4	62.4	02:35-02:40	62.8	62.4	05:35-05:40	62.8	62.3	08:35-08:40	62.8	62.4	11:35-11:40	62.8	62.0
20:40-20:45	61.9	61.2	23:40-23:45	62.7	62.1	02:40-02:45	62.7	62.1	05:40-05:45	62.7	62.1	08:40-08:45	62.8	62.4	11:40-11:45	62.8	62.0
20:45-20:50	62.3	61.3	23:45-23:50	62.2	62.5	02:45-02:50	62.3	62.5	05:45-05:50	62.3	62.5	08:45-08:50	62.8	62.5	11:45-11:50	62.7	61.6
20:50-20:55	62.6	61.8	23:50-23:55	62.8	62.4	02:50-02:55	62.8	62.4	05:50-05:55	62.8	62.1	08:50-08:55	62.8	62.5	11:50-11:55	62.4	62.9

ANALYSIS REPORT

Customer Name : Bangkok Utilities Co., Ltd.
Address : 1222 BSCD Tower, Witthawat Rangsit Road, Thung Song Hong, Sub. B, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 18/300 Moo 15, Tha Nua, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : Project Area
GPS Coordinate : UTM (48Q884) 47P 0252818 E, 1532273 N
Measured Date : May 9, 2025
Measured By : Mr.Nitad Sitthach
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Sontek Tech Model ST-71D Serial Number 820449

Quotation No. : AR2025-00286
Analysis No. : 1205-AC057-036
Report No. : 1205-RAL002
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
00:00-00:05	62.1	62.5	11:00-11:05	62.3	62.5	16:00-16:05	62.2	62.3	21:00-21:05	62.7	62.9
00:05-00:10	62.0	62.3	11:05-11:10	62.1	62.4	16:05-16:10	62.2	62.2	21:05-21:10	62.8	62.8
00:10-00:15	64.3	62.6	11:10-11:15	62.2	62.7	16:10-16:15	62.6	62.3	21:10-21:15	62.3	60.9
00:15-00:20	63.3	62.7	11:15-11:20	62.3	61.9	16:15-16:20	61.7	62.0	21:15-21:20	62.4	62.3
00:20-00:25	63.2	62.6	11:20-11:25	61.9	62.2	16:20-16:25	61.2	62.0	21:20-21:25	62.2	62.2
00:25-00:30	64.1	62.6	11:25-11:30	62.1	61.1	16:25-16:30	62.6	61.5	21:25-21:30	62.3	62.8
00:30-00:35	64.0	62.6	11:30-11:35	62.3	61.3	16:30-16:35	62.7	62.4	21:30-21:35	62.5	62.3
00:35-00:40	64.7	63.1	11:35-11:40	62.3	61.1	16:35-16:40	62.8	61.5	21:35-21:40	61.7	62.7
00:40-00:45	62.6	61.8	11:40-11:45	62.3	61.7	16:40-16:45	62.5	61.4	21:40-21:45	61.3	62.2
00:45-00:50	63.2	62.3	11:45-11:50	62.4	61.1	16:45-16:50	62.0	62.8	21:45-21:50	61.5	62.9
00:50-00:55	64.9	62.6	11:50-11:55	62.6	60.8	16:50-16:55	62.6	61.3	21:50-21:55	62.4	62.8
00:55-01:00	63.9	61.7	11:55-12:00	62.3	62.8	16:55-17:00	62.2	62.6	21:55-18:00	61.4	62.5
01:00-01:05	62.5	62.4	12:00-12:05	61.3	62.7	17:00-17:05	62.9	62.7	18:00-18:05	62.2	61.8
01:05-01:10	62.4	62.3	12:05-12:10	62.4	62.9	17:05-17:10	62.5	61.5	18:05-18:10	62.3	61.4
01:10-01:15	62.7	62.5	12:10-12:15	61.3	62.8	17:10-17:15	62.8	62.6	18:10-18:15	62.8	62.2
01:15-01:20	62.0	62.2	12:15-12:20	61.0	62.1	17:15-17:20	62.4	62.5	18:15-18:20	62.2	61.8
01:20-01:25	64.4	62.9	12:20-12:25	62.4	62.2	17:20-17:25	62.3	61.3	18:20-18:25	62.5	61.7
01:25-01:30	62.8	62.7	12:25-12:30	62.0	61.0	17:25-17:30	62.6	61.8	18:25-18:30	62.4	62.0
01:30-01:35	62.0	62.3	12:30-12:35	62.0	61.4	17:30-17:35	62.7	62.8	18:30-18:35	62.7	62.6
01:35-01:40	62.3	62.6	12:35-12:40	62.2	61.3	17:35-17:40	62.6	61.3	18:35-18:40	62.3	61.3
01:40-01:45	62.4	62.3	12:40-12:45	62.4	61.6	17:40-17:45	62.5	61.4	18:40-18:45	62.4	62.3
01:45-01:50	62.7	61.9	12:45-12:50	62.3	61.7	17:45-17:50	62.7	61.8	18:45-18:50	62.5	62.6
01:50-01:55	62.6	61.9	12:50-12:55	62.3	61.8	17:50-17:55	62.5	61.4	18:50-18:55	62.4	62.8
01:55-02:00	63.1	61.7	12:55-13:00	61.8	61.2	17:55-18:00	62.8	61.3	18:55-19:00	62.1	62.6
02:00-02:05	64.5	62.6	13:00-13:05	62.2	61.4	18:00-18:05	62.7	62.8	19:00-19:05	62.3	62.4
02:05-02:10	62.6	61.7	13:05-13:10	62.6	62.7	18:05-18:10	62.8	62.9	19:05-19:10	62.3	62.6
02:10-02:15	62.5	61.7	13:10-13:15	62.0	62.8	18:10-18:15	62.2	62.0	19:10-19:15	62.4	62.6
02:15-02:20	62.7	61.8	13:15-13:20	62.6	62.9	18:15-18:20	62.9	62.8	19:15-19:20	62.9	62.1
02:20-02:25	62.5	61.7	13:20-13:25	62.7	62.6	18:20-18:25	62.6	61.7	19:20-19:25	62.4	62.9
02:25-02:30	62.8	62.6	13:25-13:30	62.8	61.9	18:25-18:30	62.9	62.8	19:25-19:30	62.7	62.1
02:30-02:35	62.9	62.9	13:30-13:35	62.6	62.7	18:30-18:35	62.7	62.8	19:30-19:35	62.7	62.1
02:35-02:40	62.9	62.9	13:35-13:40	62.4	62.8	18:35-18:40	62.5	61.4	19:35-19:40	62.4	62.4
02:40-02:45	62.4	62.5	13:40-13:45	62.3	62.9	18:40-18:45	62.6	62.8	19:40-19:45	62.5	62.8
02:45-02:50	62.5	62.4	13:45-13:50	62.0	61.8	18:45-18:50	62.6	62.5	19:45-19:50	62.5	62.8
02:50-02:55	62.1	62.3	13:50-13:55	62.8	62.2	18:50-18:55	62.3	62.8	19:50-19:55	62.7	62.7
02:55-03:00	62.4	62.7	13:55-14:00	62.0	62.1	18:55-19:00	62.7	62.6	19:55-20:00	62.1	62.8

ANALYSIS REPORT

Customer Name : Bangkok Utilities Co., Ltd.
Address : 1222 BSCD Tower, Witthawat Rangsit Road, Thung Song Hong, Sub. B, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 18/300 Moo 15, Tha Nua, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : Project Area
GPS Coordinate : UTM (48Q884) 47P 0252818 E, 1532273 N
Measured Date : May 9-10, 2025
Measured By : Mr.Nitad Sitthach
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Sontek Tech Model ST-71D Serial Number 820449

Quotation No. : AR2025-00286
Analysis No. : 1205-AC057-036
Report No. : 1205-RAL002
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	62.0	62.3	23:00-23:05	62.4	62.0	02:00-02:05	62.4	61.5	05:00-05:05	64.7	62.5
20:05-20:10	62.3	62.4	23:05-23:10	62.4	62.8	02:05-02:10	62.3	61.2	05:05-05:10	65.5	62.8
20:10-20:15	62.2	62.5	23:10-23:15	62.3	61.7	02:10-02:15	62.0	61.7	05:10-05:15	66.3	62.6
20:15-20:20	62.8	62.9	23:15-23:20	62.4	61.5	02:15-02:20	62.2	61.9	05:15-05:20	66.3	62.7
20:20-20:25	62.4	61.7	23:20-23:25	62.2	61.6	02:20-02:25	62.2	61.4	05:20-05:25	65.4	62.6
20:25-20:30	62.8	62.1	23:25-23:30	62.3	61.7	02:25-02:30	62.1	61.8	05:25-05:30	65.0	62.2
20:30-20:35	62.2	62.4	23:30-23:35	62.4	62.3	02:30-02:35	62.9	61.5	05:30-05:35	64.8	62.8
20:35-20:40	62.3	62.5	23:35-23:40	61.9	61.3	02:35-02:40	61.9	61.8	05:35-05:40	63.7	62.3
20:40-20:45	62.5	62.5	23:40-23:45	62.1	61.5	02:40-02:45	62.0	62.8	05:40-05:45	62.9	62.2
20:45-20:50	62.2	62.8	23:45-23:50	62.0	62.1	02:45-02:50	61.0	62.5	05:45-05:50	62.7	62.1
20:50-20:55	62.9	62.3	23:50-23:55	62.0	62.8	02:50-02:55	62.9	62.3	05:50-05:55	63.1	62.2
20:55-21:00	62.3	62.0	23:55-00:00	62.0	62.2	02:55-03:00	62.2	62.4	05:55-06:00	62.7	62.9
21:00-21:05	62.4	62.6	00:00-00:05	62.5	62.9	03:00-03:05	61.9	62.4	06:00-06:05	62.8	62.6
21:05-21:10	62.2	62.5	00:05-00:10	62.4	62.8	03:05-03:10	61.8	62.5	06:05-06:10	62.6	62.9
21:10-21:15	62.0	62.2	00:10-00:15	62.5	62.9	03:10-03:15	62.8	61.5	06:10-06:15	62.4	62.8
21:15-21:20	62.6	61.9	00:15-00:20	62.4	62.9	03:15-03:20	62.1	61.7	06:15-06:20	62.9	62.8
21:20-21:25	62.4	61.7	00:20-00:25	62.1	62.4	03:20-03:25	62.2	61.7	06:20-06:25	62.6	62.9
21:25-21:30	62.0	62.5	00:25-00:30	62.1	62.3	03:25-03:30	62.1	61.6	06:25-06:30	62.7	62.1
21:30-21:35	62.5	61.8	00:30-00:35	62.3	62.8	03:30-03:35	62.4	61.3	06:30-06:35	62.3	62.8
21:35-21:40	62.0	61.8	00:35-00:40	62.5	61.6	03:35-03:40	62.8	61.6	06:35-06:40	62.3	61.7
21:40-21:45	62.9	62.4	00:40-00:45	62.4	61.8	03:40-03:45	62.8	61.7	06:40-06:45	62.4	62.9
21:45-21:50	62.8	62.1	00:45-00:50	62.2	61.8	03:45-03:50	62.1	61.3	06:45-06:50	62.4	62.0
21:50-21:55	62.4	62.5	00:50-00:55	62.1	61.7	03:50-03:55	62.1	61.7	06:50-06:55	62.7	62.0
21:55-22:00	62.5	61.3	00:55-01:00	62.0	61.7	03:55-04:00	62.4	61.8	06:55-07:00	62.3	62.3
22:00-22:05	62.2	61.4	01:00-01:05	62.3	61.6	04:00-04:05	62.6	62.3	07:00-07:05	62.9	62.1
22:05-22:10	62.1	61.4	01:05-01:10	62.0	61.7	04:05-04:10	62.1	62.9	07:05-07:10	62.8	62.2
22:10-22:15	62.2	62.8	01:10-01:15	62.3	61.9	04:10-04:15	61.0	62.4	07:10-07:15	63.4	62.5
22:15-22:20	62.4	61.8	01:15-01:20	62.8	61.9	04:15-04:20	62.2	62.7	07:15-07:20	62.9	62.3
22:20-22:25	62.5	62.9	01:20-01:25	62.3	61.8	04:20-04:25	62.9	62.8	07:20-07:25	62.6	62.9
22:25-22:30	62.8	62.8	01:25-01:30	62.2	61.6	04:25-04:30	62.5	62.8	07:25-07:30	62.7	62.8
22:30-22:35	62.8	62.9	01:30-01:35	62.1	61.8	04:30-04:35	62.6	62.9	07:30-07:35	62.7	62.1
22:35-22:40	62.7	62.1	01:35-01:40	62.2	61.8	04:35-04:40	62.9	62.4	07:35-07:40	62.6	62.6
22:40-22:45	62.4	61.8	01:40-01:45	62.1	61.6	04:40-04:45	62.5	62.5	07:40-07:45	62.9	62.9
22:45-22:50	62.3	62.7	01:45-01:50	62.4	62.7	04:45-04:50	62.2	62.0	07:45-07:50	62.8	62.0
22:50-22:55	62.3	62.8	01:50-01:55	62.5	61.8	04:50-04:55	62.7	62.7	07:50-07:55	62.1	62.9
22:55-23:00	62.4	61.9	01:55-02:00	62.3	62.6	04:55-05:00	62.2	62.5	07:55-08:00	62.7	62.1

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 1222 BSCO Tower, Witwadek Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, The Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : Project Area
GPS. Coordinate : UTM (WG84) 47P 0922848 E, 1532173 N
Measured Date : May 10, 2025
Measured By : Mr.Nitad Srikhad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21B Serial Number 820449

Quotation No. : AR02025-00280
Analysis No. : 2025-AC053-036
Report No. : 2025-RAAL702
Report Date : May 10, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90
00:00-00:05	62.5	61.8	11:00-11:05	63.2	61.9	19:00-19:05	62.7	61.8
00:05-00:10	63.1	62.8	11:05-11:10	63.1	61.8	19:05-19:10	63.2	62.2
00:10-00:15	62.8	61.9	11:10-11:15	62.5	61.8	19:10-19:15	62.9	62.1
00:15-00:20	62.4	61.9	11:15-11:20	62.4	61.8	19:15-19:20	62.8	61.8
00:20-00:25	62.3	61.5	11:20-11:25	63.0	61.7	19:20-19:25	63.3	61.2
00:25-00:30	62.5	61.7	11:25-11:30	63.1	61.8	19:25-19:30	62.8	61.7
00:30-00:35	64.0	62.7	11:30-11:35	62.8	61.7	19:30-19:35	64.0	62.0
00:35-00:40	63.5	62.6	11:35-11:40	62.7	61.7	19:35-19:40	63.8	62.3
00:40-00:45	62.6	62.8	11:40-11:45	63.0	61.8	19:40-19:45	64.4	62.8
00:45-00:50	61.2	62.8	11:45-11:50	62.8	61.7	19:45-19:50	66.0	62.9
00:50-00:55	61.1	62.2	11:50-11:55	62.2	61.3	19:50-19:55	66.0	61.5
00:55-01:00	62.4	61.8	11:55-12:00	62.2	61.3	19:55-20:00	66.1	60.4
01:00-01:05	61.8	62.5	12:00-12:05	62.3	61.1	20:00-20:05	65.2	62.8
01:05-01:10	61.9	62.7	12:05-12:10	62.1	61.1	20:05-20:10	63.7	62.0
01:10-01:15	61.6	62.5	12:10-12:15	61.8	61.2	20:10-20:15	63.7	62.8
01:15-01:20	61.5	62.4	12:15-12:20	62.3	61.3	20:15-20:20	64.5	62.9
01:20-01:25	61.3	62.4	12:20-12:25	61.8	61.6	20:20-20:25	64.8	62.9
01:25-01:30	61.6	62.7	12:25-12:30	62.2	61.2	20:25-20:30	66.2	63.7
01:30-01:35	61.5	62.5	12:30-12:35	62.5	61.6	20:30-20:35	66.2	61.7
01:35-01:40	61.4	62.4	12:35-12:40	61.5	61.5	20:35-20:40	66.9	64.8
01:40-01:45	62.3	62.3	12:40-12:45	64.0	61.8	20:40-20:45	66.9	61.7
01:45-01:50	61.4	62.9	12:45-12:50	62.5	61.8	20:45-20:50	67.1	63.8
01:50-01:55	62.2	62.4	12:50-12:55	61.9	61.8	20:50-20:55	68.2	63.4
01:55-02:00	62.6	62.4	12:55-13:00	62.0	61.5	20:55-21:00	67.5	64.4
02:00-02:05	62.1	62.2	13:00-13:05	62.2	62.2	21:00-21:05	72.3	62.4
02:05-02:10	62.5	62.4	13:05-13:10	65.3	62.7	21:05-21:10	72.4	62.1
02:10-02:15	64.0	62.7	13:10-13:15	63.8	62.4	21:10-21:15	71.1	62.1
02:15-02:20	63.6	62.6	13:15-13:20	66.9	62.8	21:15-21:20	71.3	61.7
02:20-02:25	62.4	62.2	13:20-13:25	65.9	62.8	21:20-21:25	64.8	62.3
02:25-02:30	62.4	62.1	13:25-13:30	62.0	61.8	21:25-21:30	64.9	62.2
02:30-02:35	62.4	62.1	13:30-13:35	62.8	61.3	21:30-21:35	62.0	62.3
02:35-02:40	61.0	61.3	13:35-13:40	61.2	61.5	21:35-21:40	62.8	61.8
02:40-02:45	62.7	62.0	13:40-13:45	63.8	62.2	21:40-21:45	62.7	61.8
02:45-02:50	61.0	62.1	13:45-13:50	62.5	61.4	21:45-21:50	63.2	61.7
02:50-02:55	62.0	62.1	13:50-13:55	62.7	61.2	21:50-21:55	62.7	61.8
02:55-03:00	62.0	61.7	13:55-14:00	62.8	61.4	21:55-22:00	61.1	62.3

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 1222 BSCO Tower, Witwadek Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, The Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : Project Area
GPS. Coordinate : UTM (WG84) 47P 0922848 E, 1532173 N
Measured Date : May 10-11, 2025
Measured By : Mr.Nitad Srikhad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21B Serial Number 820449

Quotation No. : AR02025-00280
Analysis No. : 2025-AC053-036
Report No. : 2025-RAAL702
Report Date : May 10, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90
22:00-22:05	62.4	62.8	23:00-23:05	61.0	61.4	02:00-02:05	62.6	62.3
22:05-22:10	62.4	62.8	23:05-23:10	62.2	61.5	02:05-02:10	62.8	62.1
22:10-22:15	63.9	63.1	23:10-23:15	62.5	62.7	02:10-02:15	62.7	62.8
22:15-22:20	62.7	62.8	23:15-23:20	62.9	62.2	02:15-02:20	62.8	62.1
22:20-22:25	61.9	62.8	23:20-23:25	62.5	61.8	02:20-02:25	62.4	62.0
22:25-22:30	62.8	63.1	23:25-23:30	62.6	61.0	02:25-02:30	62.4	61.1
22:30-22:35	62.4	62.7	23:30-23:35	61.4	61.7	02:30-02:35	62.6	62.0
22:35-22:40	62.7	62.8	23:35-23:40	62.6	61.8	02:35-02:40	62.1	62.2
22:40-22:45	61.1	62.8	23:40-23:45	62.3	61.7	02:40-02:45	62.5	62.4
22:45-22:50	64.8	62.0	23:45-23:50	64.3	62.2	02:45-02:50	62.3	61.8
22:50-22:55	64.2	62.8	23:50-23:55	62.2	62.1	02:50-02:55	62.8	62.4
22:55-23:00	62.9	62.1	23:55-24:00	62.2	62.6	02:55-03:00	62.0	62.8
23:00-23:05	62.9	62.1	24:00-24:05	62.2	62.6	03:00-03:05	62.0	62.8
23:05-23:10	62.9	62.1	24:05-24:10	64.4	61.4	03:05-03:10	62.1	62.8
23:10-23:15	64.2	62.2	24:10-24:15	62.4	62.8	03:10-03:15	62.0	62.5
23:15-23:20	64.2	62.2	24:15-24:20	62.7	62.8	03:15-03:20	61.8	61.4
23:20-23:25	64.9	62.1	24:20-24:25	62.2	62.8	03:20-03:25	62.1	61.7
23:25-23:30	62.6	62.8	24:25-24:30	62.4	61.6	03:25-03:30	62.8	61.9
23:30-23:35	62.6	61.9	24:30-24:35	62.9	61.4	03:30-03:35	62.1	61.7
23:35-23:40	62.1	61.8	24:35-24:40	62.4	61.8	03:35-03:40	62.1	61.2
23:40-23:45	62.4	61.2	24:40-24:45	62.1	61.8	03:40-03:45	62.8	61.4
23:45-23:50	62.0	62.3	24:45-24:50	62.4	61.8	03:45-03:50	62.0	61.3
23:50-23:55	62.8	62.1	24:50-24:55	62.0	61.5	03:50-03:55	62.1	61.3
23:55-24:00	62.4	62.2	00:00-00:05	62.8	61.3	03:55-04:00	62.3	62.1
00:00-00:05	62.4	62.0	00:05-00:10	61.8	61.5	04:00-04:05	62.7	62.1
00:05-00:10	61.4	61.2	00:10-00:15	62.1	61.5	04:05-04:10	62.8	62.2
00:10-00:15	62.1	61.7	00:15-00:20	61.8	61.5	04:10-04:15	62.9	62.3
00:15-00:20	62.0	61.0	00:20-00:25	61.8	61.4	04:15-04:20	62.4	62.5
00:20-00:25	61.7	61.2	00:25-00:30	61.9	61.3	04:20-04:25	64.8	62.8
00:25-00:30	62.0	61.2	00:30-00:35	62.4	61.5	04:25-04:30	64.9	62.4
00:30-00:35	62.1	61.3	00:35-00:40	62.1	61.5	04:30-04:35	62.3	62.5
00:35-00:40	62.3	61.8	00:40-00:45	62.8	61.6	04:35-04:40	62.4	61.7
00:40-00:45	62.4	62.4	00:45-00:50	62.2	61.7	04:40-04:45	62.1	61.7
00:45-00:50	61.1	62.6	00:50-00:55	62.1	61.8	04:45-04:50	62.0	61.8
00:50-00:55	62.7	62.6	00:55-01:00	62.1	61.7	04:50-04:55	62.0	61.1
00:55-01:00	62.7	62.6	01:00-01:05	62.1	61.7	04:55-05:00	62.0	61.8
01:00-01:05	62.7	62.6	01:05-01:10	62.1	61.7	05:00-05:05	62.0	61.8
01:05-01:10	62.7	62.6	01:10-01:15	62.1	61.7	05:05-05:10	62.0	61.8
01:10-01:15	62.7	62.6	01:15-01:20	62.1	61.7	05:10-05:15	62.0	61.8
01:15-01:20	62.7	62.6	01:20-01:25	62.1	61.7	05:15-05:20	62.0	61.8
01:20-01:25	62.7	62.6	01:25-01:30	62.1	61.7	05:20-05:25	62.0	61.8
01:25-01:30	62.7	62.6	01:30-01:35	62.1	61.7	05:25-05:30	62.0	61.8
01:30-01:35	62.7	62.6	01:35-01:40	62.1	61.7	05:30-05:35	62.0	61.8
01:35-01:40	62.7	62.6	01:40-01:45	62.1	61.7	05:35-05:40	62.0	61.8
01:40-01:45	62.7	62.6	01:45-01:50	62.1	61.7	05:40-05:45	62.0	61.8
01:45-01:50	62.7	62.6	01:50-01:55	62.1	61.7	05:45-05:50	62.0	61.8
01:50-01:55	62.7	62.6	01:55-02:00	62.1	61.7	05:50-05:55	62.0	61.8
01:55-02:00	62.7	62.6	02:00-02:05	62.1	61.7	05:55-06:00	62.0	61.8

ANALYSIS REPORT

Customer Name : (Bangkok Utilities Co., Ltd.)
Address : 122 EGCO Tower, Witthawat Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10219
Project Name : (Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province)
Project Location : 19/300 Moo 19, Thia Phia, Ban Pong, Ratchaburi
Measured Source : (Ambient Noise)
Measured Point : (Project Area)
GPS. Coordinate : (UTM (WGS84) 47P 0592618 E, 1532273 N)
Measured Date : (May 11, 2025)
Measured By : (Mr.Miad Seikhad)
Analysed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scarlet Tech Model ST-31D Serial Number 820449)

Quotation No. : (AR002-0008)
Analysis No. : (2025-AC003-006)
Report No. : (2025-RAAL002)
Report Date : (May 30, 2025)

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
00:00-00:05	61.9	66.4	11:00-11:05	61.3	66.9	14:00-14:05	61.8	62.5	17:00-17:05	60.5	65.1
00:05-00:10	62.3	66.4	11:05-11:10	61.4	66.3	14:05-14:10	61.8	60.5	17:05-17:10	62.7	65.3
00:10-00:15	62.3	66.7	11:10-11:15	60.8	66.3	14:10-14:15	60.8	59.9	17:10-17:15	62.5	60.9
00:15-00:20	62.5	62.0	11:15-11:20	61.3	66.6	14:15-14:20	62.4	62.7	17:15-17:20	61.3	60.0
00:20-00:25	62.4	61.7	11:20-11:25	62.4	60.8	14:20-14:25	60.6	60.1	17:20-17:25	62.1	61.1
00:25-00:30	62.0	62.5	11:25-11:30	62.9	60.9	14:25-14:30	61.8	60.3	17:25-17:30	62.7	61.9
00:30-00:35	61.9	61.4	11:30-11:35	62.3	60.9	14:30-14:35	60.8	62.1	17:30-17:35	62.4	62.9
00:35-00:40	61.8	61.3	11:35-11:40	62.4	62.1	14:35-14:40	62.7	62.2	17:35-17:40	64.2	62.4
00:40-00:45	61.8	61.2	11:40-11:45	62.6	62.1	14:40-14:45	60.6	60.0	17:40-17:45	64.2	62.9
00:45-00:50	62.0	61.3	11:45-11:50	61.2	60.4	14:45-14:50	60.8	60.7	17:45-17:50	64.3	63.0
00:50-00:55	62.3	61.4	11:50-11:55	62.2	60.3	14:50-14:55	60.9	60.6	17:50-17:55	67.3	63.4
00:55-01:00	61.9	61.3	11:55-12:00	61.0	60.2	14:55-15:00	60.1	59.6	17:55-18:00	63.8	63.3
01:00-01:05	62.3	61.3	12:00-12:05	60.7	60.0	15:00-15:05	60.7	60.4	18:00-18:05	64.8	63.1
01:05-01:10	61.5	60.8	12:05-12:10	60.7	60.1	15:05-15:10	60.8	60.8	18:05-18:10	64.8	63.3
01:10-01:15	61.3	60.5	12:10-12:15	60.8	60.8	15:10-15:15	60.7	60.0	18:10-18:15	64.7	63.5
01:15-01:20	61.4	60.8	12:15-12:20	60.9	60.0	15:15-15:20	60.6	60.0	18:15-18:20	64.8	64.7
01:20-01:25	61.4	60.7	12:20-12:25	62.0	60.2	15:20-15:25	60.9	60.3	18:20-18:25	66.7	64.3
01:25-01:30	61.5	60.9	12:25-12:30	61.0	60.2	15:25-15:30	60.8	60.1	18:25-18:30	65.1	64.0
01:30-01:35	61.8	60.8	12:30-12:35	60.8	60.1	15:30-15:35	60.0	60.3	18:30-18:35	66.1	64.1
01:35-01:40	61.7	60.8	12:35-12:40	60.8	60.1	15:35-15:40	60.9	60.4	18:35-18:40	66.1	65.3
01:40-01:45	61.9	60.8	12:40-12:45	62.0	60.4	15:40-15:45	60.5	60.8	18:40-18:45	66.4	65.8
01:45-01:50	61.8	60.9	12:45-12:50	61.2	60.4	15:45-15:50	60.8	60.2	18:45-18:50	67.0	66.1
01:50-01:55	61.2	60.6	12:50-12:55	61.7	60.6	15:50-15:55	60.8	59.8	18:50-18:55	67.4	66.5
01:55-02:00	61.6	60.5	12:55-13:00	61.4	60.3	15:55-16:00	61.9	60.0	18:55-19:00	66.3	66.3
02:00-02:05	64.1	60.7	13:00-13:05	61.5	60.7	16:00-16:05	60.9	60.0	19:00-19:05	65.4	64.8
02:05-02:10	61.4	60.8	13:05-13:10	62.3	60.8	16:05-16:10	60.3	59.8	19:05-19:10	65.3	64.5
02:10-02:15	60.8	60.1	13:10-13:15	61.4	60.6	16:10-16:15	60.5	59.7	19:10-19:15	64.5	63.7
02:15-02:20	62.6	60.4	13:15-13:20	61.2	60.4	16:15-16:20	60.3	59.7	19:15-19:20	64.2	63.5
02:20-02:25	61.7	60.6	13:20-13:25	61.4	60.6	16:20-16:25	60.5	59.8	19:20-19:25	63.0	63.1
02:25-02:30	61.4	60.4	13:25-13:30	61.1	60.9	16:25-16:30	61.3	59.7	19:25-19:30	63.7	60.8
02:30-02:35	62.0	60.7	13:30-13:35	61.2	60.6	16:30-16:35	61.4	60.4	19:30-19:35	63.4	62.8
02:35-02:40	61.3	60.3	13:35-13:40	61.2	60.2	16:35-16:40	60.9	60.4	19:35-19:40	62.5	60.8
02:40-02:45	61.5	60.3	13:40-13:45	61.3	60.9	16:40-16:45	62.4	60.6	19:40-19:45	64.4	63.4
02:45-02:50	62.3	61.8	13:45-13:50	61.3	60.7	16:45-16:50	64.5	64.3	19:45-19:50	64.1	63.2
02:50-02:55	61.8	60.9	13:50-13:55	61.3	60.9	16:50-16:55	62.0	62.0	19:50-19:55	63.8	63.1
02:55-03:00	62.3	61.0	13:55-14:00	61.0	60.8	16:55-17:00	64.5	64.4	19:55-20:00	61.8	61.1

ANALYSIS REPORT

Customer Name : (Bangkok Utilities Co., Ltd.)
Address : 122 EGCO Tower, Witthawat Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10219
Project Name : (Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province)
Project Location : 19/300 Moo 19, Thia Phia, Ban Pong, Ratchaburi
Measured Source : (Ambient Noise)
Measured Point : (Project Area)
GPS. Coordinate : (UTM (WGS84) 47P 0592618 E, 1532273 N)
Measured Date : (May 11-12, 2025)
Measured By : (Mr.Miad Seikhad)
Analysed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scarlet Tech Model ST-31D Serial Number 820449)

Quotation No. : (AR002-0008)
Analysis No. : (2025-AC003-006)
Report No. : (2025-RAAL002)
Report Date : (May 30, 2025)

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
18:00-18:05	63.8	63.0	23:00-23:05	61.0	61.4	00:00-00:05	61.9	61.6	09:00-09:05	64.1	63.8
18:05-18:10	63.3	62.4	23:05-23:10	61.5	61.1	00:05-00:10	61.9	61.8	09:05-09:10	67.0	64.1
18:10-18:15	63.2	62.2	23:10-23:15	61.4	61.0	00:10-00:15	61.8	61.5	09:10-09:15	66.3	63.3
18:15-18:20	63.5	62.8	23:15-23:20	61.9	61.4	00:15-00:20	61.7	61.4	09:15-09:20	66.1	64.3
18:20-18:25	63.2	62.4	23:20-23:25	62.5	61.3	00:20-00:25	61.9	61.8	09:20-09:25	67.8	64.7
18:25-18:30	63.7	62.8	23:25-23:30	63.8	61.4	00:25-00:30	62.3	61.9	09:25-09:30	68.8	64.1
18:30-18:35	62.5	62.5	23:30-23:35	61.8	60.8	00:30-00:35	62.5	62.0	09:30-09:35	68.8	63.1
18:35-18:40	62.5	62.8	23:35-23:40	61.1	60.6	00:35-00:40	62.5	62.8	09:35-09:40	69.8	63.1
18:40-18:45	62.4	62.7	23:40-23:45	62.0	60.7	00:40-00:45	62.8	62.1	09:40-09:45	63.0	62.0
18:45-18:50	62.7	62.8	23:45-23:50	62.3	60.8	00:45-00:50	62.4	61.8	09:45-09:50	62.7	61.8
18:50-18:55	62.7	62.7	23:50-23:55	61.5	61.7	00:50-00:55	62.8	62.4	09:50-09:55	62.4	61.8
18:55-19:00	63.1	62.3	23:55-00:00	61.6	61.2	00:55-01:00	62.0	60.3	09:55-10:00	62.5	61.9
19:00-19:05	63.1	62.3	00:00-00:05	61.6	61.2	01:00-01:05	62.4	62.4	09:58-10:00	62.4	61.8
19:05-19:10	63.9	62.2	00:05-00:10	61.4	61.1	01:05-01:10	62.9	62.4	09:59-10:00	62.4	61.9
19:10-19:15	63.0	62.1	00:10-00:15	61.6	61.8	01:10-01:15	62.9	62.4	10:00-10:05	62.1	60.8
19:15-19:20	62.1	61.3	00:15-00:20	61.9	61.6	01:15-01:20	63.3	62.7	10:01-10:05	62.6	62.1
19:20-19:25	64.1	61.7	00:20-00:25	61.3	61.1	01:20-01:25	63.8	62.3	10:02-10:05	63.3	60.8
19:25-19:30	62.7	61.7	00:25-00:30	61.3	61.4	01:25-01:30	63.3	62.6	10:03-10:05	62.2	61.7
19:30-19:35	62.4	61.5	00:30-00:35	61.5	61.3	01:30-01:35	63.8	62.8	10:04-10:05	62.7	61.9
19:35-19:40	62.8	61.8	00:35-00:40	61.3	61.8	01:35-01:40	63.4	62.5	10:05-10:08	63.3	62.0
19:40-19:45	63.4	62.3	00:40-00:45	61.8	61.1	01:40-01:45	63.8	63.0	10:06-10:08	62.4	62.1
19:45-19:50	63.0	62.3	00:45-00:50	61.8	61.7	01:45-01:50	63.4	62.8	10:07-10:10	62.4	62.0
19:50-19:55	62.8	61.9	00:50-00:55	61.6	61.3	01:50-01:55	63.7	62.8	10:08-10:10	61.9	61.8
19:55-20:00	62.9	61.1	00:55-01:00	61.8	61.1	01:55-02:00	62.0	62.8	10:09-10:10	62.8	61.8
20:00-20:05	62.0	62.1	01:00-01:05	62.7	61.3	02:00-02:05	64.0	63.0	10:10-10:15	62.1	61.8
20:05-20:10	62.1	61.4	01:05-01:10	61.8	62.1	02:05-02:10	64.6	63.4	10:15-10:20	62.8	62.8
20:10-20:15	62.6	61.7	01:10-01:15	61.8	62.4	02:10-02:15	64.2	63.1	10:16-10:25	64.6	62.5
20:15-20:20	62.9	61.8	01:15-01:20	61.8	62.5	02:15-02:20	64.2	62.3	10:17-10:20	62.9	62.8
20:20-20:25	62.4	61.6	01:20-01:25	61.3	62.3	02:20-02:25	64.8	64.1	10:20-10:25	62.0	61.4
20:25-20:30	62.0	62.0	01:25-01:30	61.9	61.0	02:25-02:30	65.7	62.9	10:25-10:30	62.1	61.3
20:30-20:35	62.4	61.7	01:30-01:35	62.8	61.8	02:30-02:35	65.8	64.8	10:30-10:35	62.4	61.4
20:35-20:40	62.1	61.7	01:35-01:40	62.2	61.7	02:35-02:40	65.8	64.8	10:35-10:40	62.1	61.3
20:40-20:45	62.3	61.5	01:40-01:45	61.8	61.8	02:40-02:45	66.4	64.4	10:40-10:45	62.1	61.4
20:45-20:50	62.7	62.8	01:45-01:50	62.8	61.8	02:45-02:50	64.1	63.7	10:45-10:50	62.3	61.5
20:50-20:55	61.5	61.8	01:50-01:55	62.8	61.9	02:50-02:55	64.6	63.0	10:50-10:55	62.4	61.7
20:55-21:00	62.1	61.7	01:55-02:00	62.8	61.3	02:55-03:00	66.7	63.7	10:58-10:59	62.8	61.4

ANALYSIS REPORT

Customer Name	: Banpong Utilities Co., Ltd.		
Address	: 222 BGCO Tower, Withead Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210		
Project Name	: Solar and Electricity Generating Unit Project, Banpong District, Ratchaburi Province		
Project location	: 18308 Moo 13, The Pha, Ban Pong, Ratchaburi		
Measured Source	: Ambient Noise		
Measured Point	: Project Area		
GPS Coordinate	: UTM (WGS84) 47P 699068 E, 1532273 N		
Measured Date	: May 12, 2025		
Measured By	: Mr.Nitad Siriched		
Analized By	: Environment Research & Technology Co., Ltd.		
Measured Equipment	: International Sound Level Meter Scanner Tech Model ST-210 Serial Number 820949		

Question No. : APC235-00286
Analysis No. : 2025-AC055-039
Report No. : 2025-RMA1702
Report Date : May 30, 2025

Interval Time	Noise Level For 3 minutes, dB(A)		Interval Time	Noise Level For 3 minutes, dB(A)		Interval Time	Noise Level For 3 minutes, dB(A)		Interval Time	Noise Level For 3 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	61.7	66.3	18:00-18:05	62.4	66.9	18:00-18:05	61.4	65.9	17:00-17:05	60.1	64.6
08:05-08:10	60.8	65.3	18:05-18:10	61.4	66.7	18:05-18:10	61.8	66.1	17:05-17:10	61.9	66.7
08:10-08:15	61.9	66.4	18:10-18:15	61.4	66.7	18:10-18:15	61.5	66.1	17:10-17:15	63.6	68.6
08:15-08:20	62.4	66.3	18:15-18:20	62.2	66.8	18:15-18:20	61.6	66.8	17:15-17:20	66.3	68.7
08:20-08:25	61.0	66.8	18:20-18:25	62.6	66.7	18:20-18:25	61.6	66.8	17:20-17:25	63.5	67.0
08:25-08:30	61.8	67.3	18:25-18:30	60.8	66.8	18:25-18:30	61.3	66.8	17:25-17:30	65.0	67.8
08:30-08:35	61.9	66.3	18:30-18:35	60.7	66.6	18:30-18:35	61.3	66.6	17:30-17:35	66.1	67.4
08:35-08:40	61.9	67.3	18:35-18:40	61.5	66.8	18:35-18:40	61.9	66.8	17:35-17:40	66.3	67.3
08:40-08:45	62.0	67.8	18:40-18:45	61.9	66.9	18:40-18:45	61.6	66.8	17:40-17:45	62.3	67.3
08:45-08:50	61.9	67.5	18:45-18:50	61.7	67.0	18:45-18:50	61.7	67.0	17:45-17:50	62.5	67.4
08:50-08:55	61.7	67.4	18:50-18:55	61.0	67.0	18:50-18:55	61.4	67.0	17:50-17:55	62.9	67.3
08:55-09:00	62.1	67.4	18:55-19:00	62.0	67.1	18:55-19:00	62.5	67.0	17:55-18:00	62.5	67.5
09:00-09:05	61.8	67.2	19:00-19:05	61.4	66.8	19:00-19:05	61.2	66.6	18:00-18:05	60.7	67.1
09:05-09:10	62.0	67.3	19:05-19:10	61.4	66.7	19:05-19:10	61.4	66.6	18:05-18:10	62.4	67.6
09:10-09:15	62.1	67.4	19:10-19:15	60.9	66.8	19:10-19:15	60.7	66.1	18:10-18:15	60.8	67.3
09:15-09:20	62.1	67.2	19:15-19:20	61.4	66.8	19:15-19:20	60.9	66.3	18:15-18:20	60.9	67.3
09:20-09:25	61.9	67.1	19:20-19:25	61.7	67.1	19:20-19:25	60.8	66.3	18:20-18:25	60.5	66.3
09:25-09:30	61.9	67.2	19:25-19:30	60.9	67.1	19:25-19:30	60.9	66.3	18:25-18:30	61.4	66.2
09:30-09:35	61.6	67.0	19:30-19:35	60.7	67.2	19:30-19:35	60.7	66.3	18:30-18:35	61.1	66.6
09:35-09:40	61.5	67.0	19:35-19:40	60.9	66.8	19:35-19:40	60.7	66.1	18:35-18:40	60.9	66.5
09:40-09:45	61.5	66.9	19:40-19:45	60.8	66.8	19:40-19:45	60.8	66.1	18:40-18:45	62.0	67.6
09:45-09:50	61.6	66.9	19:45-19:50	61.8	67.2	19:45-19:50	60.7	66.0	18:45-18:50	60.7	66.6
09:50-09:55	61.7	67.0	19:50-19:55	61.6	66.6	19:50-19:55	61.4	66.2	18:50-18:55	60.8	66.6
09:55-10:00	61.9	66.9	19:55-20:00	61.1	66.2	19:55-20:00	60.9	66.0	18:55-19:00	60.3	66.4
10:00-10:05	60.6	66.8	20:00-20:05	61.0	66.2	20:00-20:05	60.9	66.2	19:00-19:05	60.6	66.4
10:05-10:10	62.6	67.0	20:05-20:10	60.8	66.2	20:05-20:10	60.9	66.1	19:05-19:10	62.9	67.8
10:10-10:15	61.8	66.8	20:10-20:15	61.1	66.8	20:10-20:15	61.2	66.6	19:10-19:15	61.2	66.2
10:15-10:20	61.1	66.8	20:15-20:20	61.6	67.8	20:15-20:20	61.0	66.4	19:15-19:20	60.7	67.9
10:20-10:25	61.3	66.8	20:20-20:25	61.7	67.8	20:20-20:25	61.0	66.4	19:20-19:25	60.7	67.7
10:25-10:30	61.1	66.6	20:25-20:30	61.8	67.8	20:25-20:30	61.4	66.7	19:25-19:30	62.8	67.8
10:30-10:35	61.1	66.6	20:30-20:35	61.4	67.8	20:30-20:35	61.1	66.6	19:30-19:35	62.7	67.7
10:35-10:40	61.3	66.9	20:35-20:40	61.0	67.4	20:35-20:40	61.1	66.6	19:35-19:40	63.8	67.8
10:40-10:45	61.4	66.7	20:40-20:45	61.2	66.8	20:40-20:45	60.9	66.2	19:40-19:45	62.3	67.5
10:45-10:50	61.7	66.6	20:45-20:50	61.3	66.5	20:45-20:50	61.0	66.4	19:45-19:50	64.0	68.7
10:50-10:55	61.6	66.9	20:50-20:55	61.0	66.2	20:50-20:55	61.4	66.6	19:50-19:55	62.8	67.6
10:55-11:00	61.5	66.7	20:55-21:00	61.5	66.8	20:55-21:00	61.4	66.7	19:55-20:00	61.2	66.1

ANALYSIS REPORT

Customer Name	Bangpong Utilities Co., Ltd.		
Address	1221 BKKO Tower, Witthakul Bangkol Royal, Thung Song Hong, Lak Si, Bangkok 10210		
Project Name	Steam and Electricity Generating Unit Project, Bangpong District, Ratchaburi Province		
Project Location	19/300 Moo 15, The Pha, Ban Pong, Ratchaburi		
Measured Source	Ambient Noise		
Measured Point	Project Area		
GPS Coordinate	UTM (WG84) 47P 0352048 E, 1331073 N		
Measured Date	May 12-13, 2025		
Measured By	Mr.Nitai Srichad		
Analyzed By	Environment Research & Technology Co., Ltd.		
Measured Equipment	Interconix Sound Level Meter-Special Tools Model ST-71B Serial Number 828449		

Quotation No. : AR2025-00200
Analysis No. : (2025-AC053-036)
Report No. : 2025-BAAFL02
Report Date : 17th Feb, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
00:00-00:05	61.1	61.6	20:00-20:05	61.9	62.4	00:30-00:35	61.3	61.7	05:00-05:05	61.3	61.7
00:05-00:10	62.5	61.3	20:05-20:10	61.4	60.3	00:35-00:40	61.5	61.1	05:05-05:10	62.8	62.2
00:10-00:15	62.8	61.5	20:10-20:15	61.8	61.2	00:40-00:45	61.4	61.0	05:10-05:15	61.4	62.8
00:15-00:20	62.8	60.3	20:15-20:20	61.8	61.2	00:45-00:50	61.4	61.3	05:15-05:20	61.0	62.6
00:20-00:25	62.0	60.1	20:20-20:25	61.3	60.7	00:50-00:55	61.8	61.3	05:20-05:25	64.8	62.1
00:25-00:30	62.4	60.3	20:25-20:30	61.7	61.4	00:55-01:00	61.6	61.2	05:25-05:30	64.4	62.3
00:30-00:35	61.8	60.8	20:30-20:35	60.8	60.4	01:00-01:05	61.5	61.1	05:30-05:35	61.1	61.9
00:35-00:40	62.4	61.5	20:35-20:40	60.8	61.3	01:05-01:10	61.0	61.1	05:35-05:40	63.3	61.8
00:40-00:45	62.8	61.3	20:40-20:45	60.7	61.4	01:10-01:15	61.6	61.2	05:40-05:45	62.1	61.3
00:45-00:50	60.6	61.6	20:45-20:50	61.8	62.3	01:15-01:20	61.7	61.7	05:45-05:50	62.5	61.3
00:50-00:55	63.0	61.0	20:50-20:55	61.8	61.2	01:20-01:25	61.8	61.3	05:50-05:55	62.8	61.4
00:55-01:00	60.9	61.0	20:55-01:00	61.7	61.3	01:25-01:30	61.9	62.3	05:55-06:00	63.1	61.3
01:00-01:05	60.7	61.8	01:00-01:05	61.8	62.5	01:30-01:35	61.3	61.7	06:00-06:05	61.8	61.3
01:05-01:10	62.9	61.7	01:05-01:10	61.8	62.6	01:35-01:40	61.5	61.1	06:05-06:10	62.0	61.4
01:10-01:15	61.7	61.8	01:10-01:15	61.7	61.3	01:40-01:45	61.8	61.1	06:10-06:15	61.0	61.7
01:15-01:20	62.5	61.8	01:15-01:20	61.3	61.4	01:45-01:50	61.9	61.9	06:15-06:20	62.1	61.8
01:20-01:25	62.5	61.9	01:20-01:25	61.3	61.3	01:50-01:55	62.2	61.4	06:20-06:25	62.0	61.3
01:25-01:30	61.4	61.8	01:25-01:30	61.7	61.4	01:55-02:00	60.8	61.4	06:25-06:30	61.9	61.3
01:30-01:35	61.5	61.3	01:30-01:35	61.8	61.5	02:00-02:05	62.3	61.7	06:30-06:35	61.7	61.1
01:35-01:40	62.8	61.3	01:35-01:40	61.7	61.4	02:05-02:10	62.8	61.9	06:35-06:40	62.9	61.3
01:40-01:45	62.3	61.2	01:40-01:45	61.6	61.3	02:10-02:15	61.6	62.1	06:40-06:45	60.1	61.2
01:45-01:50	61.7	60.9	01:45-01:50	61.7	61.4	02:15-02:20	63.0	62.8	06:45-06:50	61.8	60.9
01:50-01:55	62.1	60.9	01:50-01:55	61.9	61.4	02:20-02:25	62.1	62.6	06:50-06:55	61.1	62.0
01:55-02:00	61.6	61.2	01:55-01:59	61.7	61.8	02:25-02:30	61.2	62.3	06:55-07:00	61.7	61.8
02:00-02:05	62.7	61.8	02:00-02:05	61.8	61.4	02:30-02:35	63.2	62.8	07:00-07:05	61.8	61.2
02:05-02:10	62.6	61.8	02:05-02:10	61.8	61.3	02:35-02:40	64.3	62.9	07:05-07:10	61.9	61.1
02:10-02:15	62.5	61.5	02:10-02:15	61.3	61.0	02:40-02:45	60.9	62.7	07:10-07:15	61.3	61.0
02:15-02:20	62.8	61.8	02:15-02:20	61.8	61.2	02:45-02:50	61.1	62.7	07:15-07:20	61.8	61.1
02:20-02:25	62.2	61.6	02:20-02:25	61.4	61.3	02:50-02:55	64.8	63.2	07:20-07:25	61.8	61.9
02:25-02:30	60.1	61.8	02:25-02:30	60.4	61.4	02:55-03:00	61.8	61.9	07:25-07:30	61.8	61.2
02:30-02:35	61.7	62.8	02:30-02:35	60.9	61.3	03:00-03:05	64.1	63.8	07:30-07:35	61.4	61.9
02:35-02:40	61.6	61.8	02:35-02:40	60.8	61.6	03:05-03:10	64.4	63.3	07:35-07:40	61.9	61.3
02:40-02:45	63.1	62.2	02:40-02:45	61.8	61.4	03:10-03:15	64.7	63.7	07:40-07:45	62.1	61.8
02:45-02:50	62.4	61.8	02:45-02:50	61.4	61.3	03:15-03:20	64.8	63.1	07:45-07:50	62.7	61.1
02:50-02:55	62.0	61.6	02:50-02:55	61.7	61.8	03:20-03:25	64.7	62.4	07:50-07:55	61.8	60.8
02:55-03:00	62.1	62.7	02:55-03:00	61.6	61.2	03:25-03:30	64.1	63.1	07:55-08:00	61.6	60.8

ANALYSIS REPORT

Customer Name : (Bangkok Utilities Co., Ltd.)
Address : 222 SODD Tower, Witthayalai Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 119/300 Moo 15, Tha Phra, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : (Project Area)
GPS. Coordinate : UTM (WG84) 47P 0292018 E, 1532273 N
Measured Date : May 13, 2025
Measured By : Mr.Nitad Srichad
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820449

Quotation No. : AK0025-00286
Analysis No. : 2025-AC053-036
Report No. : 2025-RAL002
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90
08:00-08:05	64.7	66.2	11:00-11:05	62.8	64.4	14:00-14:05	61.2	66.5
08:05-08:10	62.0	64.5	11:05-11:10	62.8	64.2	14:05-14:10	62.8	66.8
08:10-08:15	62.2	64.1	11:10-11:15	62.9	64.4	14:10-14:15	62.8	66.7
08:15-08:20	63.8	66.8	11:15-11:20	61.8	64.1	14:15-14:20	61.7	66.8
08:20-08:25	61.1	66.7	11:20-11:25	62.9	64.0	14:20-14:25	61.8	66.8
08:25-08:30	61.1	68.4	11:25-11:30	61.4	66.8	14:25-14:30	61.2	66.4
08:30-08:35	62.7	68.8	11:30-11:35	61.1	66.4	14:30-14:35	62.8	66.8
08:35-08:40	66.2	61.8	11:35-11:40	61.8	66.1	14:35-14:40	64.8	64.3
08:40-08:45	65.3	62.1	11:40-11:45	61.1	66.2	14:40-14:45	62.6	66.7
08:45-08:50	63.5	62.0	11:45-11:50	61.1	66.1	14:45-14:50	62.3	66.4
08:50-08:55	64.8	62.3	11:50-11:55	62.2	61.8	14:50-14:55	64.0	64.3
08:55-09:00	63.8	61.3	11:55-12:00	66.7	60.2	14:55-15:00	61.6	66.4
09:00-09:05	62.1	66.7	12:00-12:05	66.3	59.8	15:00-15:05	62.2	66.1
09:05-09:10	62.3	66.5	12:05-12:10	66.1	59.8	15:05-15:10	62.1	66.8
09:10-09:15	62.9	66.9	12:10-12:15	59.9	58.2	15:10-15:15	62.4	66.8
09:15-09:20	61.9	66.7	12:15-12:20	60.1	58.4	15:15-15:20	62.8	66.7
09:20-09:25	61.2	66.7	12:20-12:25	60.3	58.4	15:20-15:25	61.2	66.8
09:25-09:30	61.8	66.8	12:25-12:30	60.3	58.5	15:25-15:30	61.3	66.5
09:30-09:35	61.4	66.4	12:30-12:35	60.4	58.0	15:30-15:35	61.8	66.8
09:35-09:40	61.9	66.8	12:35-12:40	60.2	58.3	15:35-15:40	61.3	66.8
09:40-09:45	61.7	66.8	12:40-12:45	60.8	58.5	15:40-15:45	60.1	66.1
09:45-09:50	61.1	66.1	12:45-12:50	60.9	58.2	15:45-15:50	60.5	66.7
09:50-09:55	61.6	66.7	12:50-12:55	60.3	58.5	15:50-15:55	60.8	66.8
09:55-10:00	61.4	68.3	12:55-13:00	60.1	59.4	15:55-16:00	61.8	66.1
10:00-10:05	65.8	61.4	13:00-13:05	60.2	59.1	16:00-16:05	61.9	64.5
10:05-10:10	66.5	61.2	13:05-13:10	60.3	59.3	16:05-16:10	61.4	64.7
10:10-10:15	64.9	64.8	13:10-13:15	61.1	60.6	16:10-16:15	61.9	66.8
10:15-10:20	61.5	66.3	13:15-13:20	60.9	60.1	16:15-16:20	62.8	66.4
10:20-10:25	61.0	66.1	13:20-13:25	61.3	60.9	16:20-16:25	61.2	66.3
10:25-10:30	61.4	66.6	13:25-13:30	60.7	60.8	16:25-16:30	61.3	66.4
10:30-10:35	61.6	66.7	13:30-13:35	61.7	60.4	16:30-16:35	61.5	66.7
10:35-10:40	62.0	66.2	13:35-13:40	62.0	60.3	16:35-16:40	61.4	66.1
10:40-10:45	61.9	61.0	13:40-13:45	61.2	60.8	16:40-16:45	61.4	66.1
10:45-10:50	62.0	61.4	13:45-13:50	61.8	60.8	16:45-16:50	61.8	66.8
10:50-10:55	62.3	61.1	13:50-13:55	61.1	60.3	16:50-16:55	62.4	61.1
10:55-11:00	62.2	61.3	13:55-14:00	61.8	60.8	16:55-17:00	61.2	62.7

ANALYSIS REPORT

Customer Name : (Bangkok Utilities Co., Ltd.)
Address : 222 SODD Tower, Witthayalai Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 119/300 Moo 15, Tha Phra, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : (Project Area)
GPS. Coordinate : UTM (WG84) 47P 0292018 E, 1532273 N
Measured Date : May 13-14, 2025
Measured By : Mr.Nitad Srichad
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-210 Serial Number 820449

Quotation No. : LAP0025-00286
Analysis No. : 2025-AC053-036
Report No. : 2025-RAL002
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90
20:00-20:05	63.2	62.8	23:00-23:05	64.1	63.2	02:00-02:05	62.5	62.1
20:05-20:10	61.3	60.4	23:05-23:10	64.5	63.4	02:05-02:10	62.1	60.8
20:10-20:15	63.4	61.6	23:10-23:15	65.2	63.8	02:10-02:15	62.4	62.1
20:15-20:20	63.4	62.8	23:15-23:20	64.0	63.6	02:15-02:20	62.5	62.8
20:20-20:25	63.4	61.7	23:20-23:25	65.8	61.8	02:20-02:25	63.1	60.7
20:25-20:30	62.5	62.8	23:25-23:30	65.0	62.9	02:25-02:30	62.0	61.7
20:30-20:35	62.1	61.8	23:30-23:35	63.7	62.5	02:30-02:35	61.8	60.5
20:35-20:40	62.5	62.7	23:35-23:40	62.3	62.0	02:35-02:40	62.4	61.8
20:40-20:45	63.3	62.8	23:40-23:45	63.3	62.4	02:40-02:45	62.1	60.8
20:45-20:50	64.1	62.8	23:45-23:50	64.8	62.8	02:45-02:50	62.3	61.9
20:50-20:55	62.2	62.1	23:50-23:55	64.2	62.1	02:50-02:55	62.4	62.0
20:55-21:00	62.1	62.3	23:55-00:00	62.9	62.2	03:00-03:05	62.1	61.8
21:00-21:05	62.1	62.3	00:00-00:05	62.1	62.2	03:05-03:10	62.2	61.8
21:05-21:10	62.1	62.3	00:05-00:10	61.1	62.2	03:10-03:15	62.2	61.8
21:10-21:15	62.9	62.4	00:10-00:15	61.9	61.8	03:15-03:20	62.4	62.9
21:15-21:20	62.9	62.4	00:15-00:20	62.8	62.1	03:20-03:25	62.5	62.1
21:20-21:25	62.4	62.8	00:20-00:25	63.8	62.3	03:25-03:30	62.3	62.8
21:25-21:30	62.5	62.9	00:25-00:30	64.8	62.4	03:30-03:35	62.1	61.8
21:30-21:35	62.7	62.4	00:30-00:35	61.1	62.3	03:35-03:40	62.4	61.7
21:35-21:40	63.8	62.9	00:35-00:40	62.9	62.8	03:40-03:45	62.5	62.8
21:40-21:45	61.4	62.8	00:40-00:45	62.4	61.8	03:45-03:50	62.4	61.8
21:45-21:50	61.3	62.7	00:45-00:50	62.4	62.6	03:50-03:55	62.6	62.0
21:50-21:55	61.2	62.7	00:50-00:55	62.6	61.1	03:55-04:00	62.4	62.0
21:55-22:00	61.2	62.6	00:55-01:00	62.6	62.0	04:00-04:05	62.6	62.2
22:00-22:05	62.5	62.8	01:00-01:05	62.3	61.7	04:05-04:10	62.6	61.9
22:05-22:10	62.3	62.8	01:05-01:10	62.3	61.8	04:10-04:15	62.6	62.2
22:10-22:15	62.4	62.6	01:10-01:15	62.1	61.9	04:15-04:20	62.8	62.2
22:15-22:20	62.5	62.8	01:15-01:20	62.8	62.4	04:20-04:25	63.5	62.7
22:20-22:25	61.5	61.7	01:20-01:25	62.1	62.5	04:25-04:30	63.7	62.9
22:25-22:30	62.9	62.9	01:25-01:30	62.8	62.5	04:30-04:35	64.2	63.3
22:30-22:35	61.5	61.7	01:30-01:35	62.4	60.2	04:35-04:40	64.3	62.1
22:35-22:40	62.8	62.3	01:35-01:40	62.8	60.4	04:40-04:45	64.2	62.8
22:40-22:45	61.8	61.8	01:40-01:45	62.3	62.3	04:45-04:50	64.7	62.2
22:45-22:50	64.0	62.1	01:45-01:50	62.7	62.2	04:50-04:55	62.5	62.6
22:50-22:55	62.8	62.1	01:50-01:55	62.8	62.1	04:55-05:00	62.8	61.5
22:55-23:00	64.2	61.4	01:55-02:00	62.8	62.3	05:00-05:05	64.2	62.3

ANALYSIS REPORT

Customer Name : (Bangkok Utilities Co., Ltd.)
Address : 222 EGCO Tower, Mahavej Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : (Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province)
Project Location : (19/308 Moo 13, Tha Pha, Ban Pong, Ratchaburi)
Measured Source : (Ambient Noise)
Measured Point : (Project Area)
GPS. Coordinate : (UTM (WGS84) 49P 0592608 E, 1533273 N)
Measured Date : (May 14, 2025)
Measured By : (Mr.Nat Sakthad)
Analysed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter ScaTek Tech Model ST-21D Serial Number 820445)

Quotation No. : (AR0025-0008)
Analysis No. : (2025-AC053-038)
Report No. : (2025-RAL702)
Report Date : (May 30, 2025)

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	61.8	61.3	11:07-11:10	61.8	60.9	14:00-14:05	62.8	61.4	17:00-17:05	61.7	60.3
08:05-08:10	61.6	60.8	11:10-11:15	61.4	60.4	14:05-14:10	62.3	61.2	17:05-17:10	61.8	60.0
08:10-08:15	61.5	60.8	11:15-11:20	61.4	60.4	14:10-14:15	61.7	60.7	17:10-17:15	61.8	60.9
08:15-08:20	61.7	60.8	11:20-11:25	61.8	60.5	14:15-14:20	62.2	60.8	17:15-17:20	61.5	60.8
08:20-08:25	61.4	60.6	11:25-11:30	61.7	60.5	14:20-14:25	62.1	60.1	17:20-17:25	61.8	61.1
08:25-08:30	61.4	60.9	11:30-11:35	61.6	60.4	14:25-14:30	62.0	61.2	17:25-17:30	62.4	61.6
08:30-08:35	62.4	61.4	11:35-11:40	61.5	60.3	14:30-14:35	62.1	60.3	17:30-17:35	62.7	61.7
08:35-08:40	62.6	61.6	11:40-11:45	62.3	60.2	14:35-14:40	61.9	60.4	17:35-17:40	62.4	61.6
08:40-08:45	62.0	61.8	11:45-11:50	62.0	60.2	14:40-04:45	61.8	60.8	17:40-17:45	62.1	61.2
08:45-08:50	61.4	61.3	11:50-11:55	61.3	60.2	14:45-04:50	62.3	61.8	17:45-17:50	62.1	61.4
08:50-08:55	61.2	61.2	11:55-12:00	61.7	60.8	14:50-04:55	61.7	60.8	17:50-17:55	60.7	61.6
08:55-09:00	60.2	61.2	12:00-12:05	60.0	59.4	14:55-05:00	61.8	60.4	17:55-18:00	60.0	61.2
09:00-09:05	61.6	61.3	12:05-12:10	60.0	59.3	15:00-15:05	61.8	60.6	18:00-18:05	61.4	61.4
09:05-09:10	61.6	61.3	12:10-12:15	60.4	59.2	15:05-15:10	61.6	60.7	18:05-18:10	62.4	62.8
09:10-09:15	61.1	60.1	12:15-12:20	60.4	59.2	15:10-15:15	61.7	60.8	18:10-18:15	63.2	63.9
09:15-09:20	62.8	61.8	12:20-12:25	60.1	59.2	15:15-15:20	62.2	60.8	18:15-18:20	63.1	62.0
09:20-09:25	63.1	61.9	12:25-12:30	60.2	59.2	15:20-15:25	61.3	60.4	18:20-18:25	63.1	62.1
09:25-09:30	63.1	62.1	12:30-12:35	60.5	59.6	15:25-15:30	61.3	60.4	18:25-18:30	63.2	62.4
09:30-09:35	62.8	61.9	12:35-12:40	60.4	59.4	15:30-15:35	61.4	60.2	18:30-18:35	64.0	63.0
09:35-09:40	63.9	61.7	12:40-12:45	61.1	60.4	15:35-15:40	61.0	60.4	18:35-18:40	65.1	65.5
09:40-09:45	64.9	61.9	12:45-12:50	61.5	60.7	15:40-15:45	61.5	60.8	18:40-18:45	65.2	66.4
09:45-09:50	66.8	61.8	12:50-12:55	62.1	60.4	15:45-15:50	62.5	60.8	18:45-18:50	66.3	65.3
09:50-09:55	67.5	62.7	12:55-13:00	61.6	60.3	15:50-15:55	62.8	61.2	18:50-18:55	67.0	66.1
09:55-10:00	68.1	62.8	13:00-13:05	61.1	60.3	15:55-16:00	61.7	60.9	18:55-19:00	66.1	65.8
10:00-10:05	69.6	62.1	13:05-13:10	61.8	60.7	16:00-16:05	61.6	60.8	19:00-19:05	66.0	64.8
10:05-10:10	62.5	62.6	13:10-13:15	62.0	61.0	16:05-16:10	61.7	60.4	19:05-19:10	64.1	62.9
10:10-10:15	62.9	61.7	13:15-13:20	61.9	60.9	16:10-16:15	61.3	60.7	19:10-19:15	63.9	62.7
10:15-10:20	62.4	61.1	13:20-13:25	61.8	60.8	16:15-16:20	61.4	60.5	19:15-19:20	63.1	62.3
10:20-10:25	61.8	60.9	13:25-13:30	61.8	60.8	16:20-16:25	61.4	61.0	19:20-19:25	62.4	61.5
10:25-10:30	61.9	60.9	13:30-13:35	61.8	60.6	16:25-16:30	61.4	60.1	19:25-19:30	61.7	61.4
10:30-10:35	62.0	60.7	13:35-13:40	62.1	60.1	16:30-16:35	61.4	60.7	19:30-19:35	62.1	61.3
10:35-10:40	61.9	60.6	13:40-13:45	60.5	60.7	16:35-16:40	61.7	60.7	19:35-19:40	61.1	61.9
10:40-10:45	61.6	61.0	13:45-13:50	61.8	61.3	16:40-16:45	61.4	60.1	19:40-19:45	61.2	61.2
10:45-10:50	61.7	60.7	13:50-13:55	62.8	61.4	16:45-16:50	61.8	61.0	19:45-19:50	62.5	61.8
10:50-10:55	62.4	61.4	13:55-14:00	62.5	61.3	16:50-16:55	61.4	61.8	19:50-19:55	62.5	61.4
10:55-11:00	61.9	60.3	13:55-14:00	62.8	61.4	16:55-17:00	61.0	60.7	19:55-20:00	61.4	61.8

ANALYSIS REPORT

Customer Name : (Bangkok Utilities Co., Ltd.)
Address : 222 EGCO Tower, Mahavej Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : (Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province)
Project Location : (19/308 Moo 13, Tha Pha, Ban Pong, Ratchaburi)
Measured Source : (Ambient Noise)
Measured Point : (Project Area)
GPS. Coordinate : (UTM (WGS84) 49P 0592608 E, 1533273 N)
Measured Date : (May 14-15, 2025)
Measured By : (Mr.Nat Sakthad)
Analysed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter ScaTek Tech Model ST-21D Serial Number 820445)

Quotation No. : (AR0025-0008)
Analysis No. : (2025-AC053-038)
Report No. : (2025-RAL702)
Report Date : (May 30, 2025)

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	62.3	62.1	23:00-23:05	62.4	61.7	01:00-01:05	61.7	61.4	04:00-04:05	66.5	63.8
20:05-20:10	62.8	62.4	23:05-23:10	62.3	61.4	01:05-01:10	61.4	61.3	04:05-04:10	65.5	63.8
20:10-20:15	61.9	62.0	23:10-23:15	62.4	61.4	01:10-01:15	61.6	61.3	04:10-04:15	65.9	63.2
20:15-20:20	61.7	62.9	23:15-23:20	62.9	61.7	01:15-01:20	61.1	61.2	04:15-04:20	67.0	64.1
20:20-20:25	62.0	62.8	23:20-23:25	62.9	62.7	01:20-01:25	61.7	61.4	04:20-04:25	66.5	63.8
20:25-20:30	62.2	61.1	23:25-23:30	62.4	62.4	01:25-01:30	61.8	61.4	04:25-04:30	67.4	64.4
20:30-20:35	62.1	61.1	23:30-23:35	62.7	62.0	01:30-01:35	62.0	62.0	04:30-04:35	66.0	62.8
20:35-20:40	62.4	61.3	23:35-23:40	62.6	62.5	01:35-01:40	62.0	62.8	04:35-04:40	66.0	61.8
20:40-20:45	62.5	61.3	23:40-23:45	62.4	62.4	01:40-01:45	61.9	62.5	04:40-04:45	62.0	61.4
20:45-20:50	63.9	61.8	23:45-23:50	62.3	62.5	01:45-01:50	61.7	62.4	04:45-04:50	61.8	60.8
20:50-20:55	62.7	61.8	23:50-23:55	62.0	62.0	01:50-01:55	62.0	61.6	04:50-04:55	61.7	60.7
20:55-21:00	62.0	61.8	23:55-00:00	62.3	62.7	01:55-02:00	62.0	61.7	04:55-05:00	61.3	60.1
21:00-21:05	62.4	61.5	00:00-00:05	62.5	61.8	02:00-02:05	62.4	61.8	05:00-05:05	61.4	60.7
21:05-21:10	62.4	61.7	00:05-00:10	62.3	61.7	02:05-02:10	62.3	61.8	05:05-05:10	61.4	61.1
21:10-21:15	63.0	61.4	00:10-00:15	62.8	62.8	02:10-02:15	62.3	62.8	05:10-05:15	62.4	61.5
21:15-21:20	62.8	61.7	00:15-00:20	63.1	62.1	02:15-02:20	62.4	62.8	05:15-05:20	62.2	61.2
21:20-21:25	62.7	62.8	00:20-00:25	62.9	62.8	02:20-02:25	62.1	61.8	05:20-05:25	62.0	61.0
21:25-21:30	62.7	62.0	00:25-00:30	62.5	62.1	02:25-02:30	62.5	62.2	05:25-05:30	62.0	62.8
21:30-21:35	62.6	62.0	00:30-00:35	62.8	61.9	02:30-02:35	62.4	62.3	05:30-05:35	62.3	61.2
21:35-21:40	62.5	61.7	00:35-00:40	61.7	61.3	02:35-02:40	62.2	61.8	05:35-05:40	61.3	60.8
21:40-21:45	62.8	62.0	00:40-00:45	61.4	60.9	02:40-02:45	62.2	61.8	05:40-05:45	62.4	62.8
21:45-21:50	63.1	62.3	00:45-00:50	61.3	61.5	02:45-02:50	62.3	62.0	05:45-05:50	61.8	61.7
21:50-21:55	62.2	61.8	00:50-00:55	61.2	62.8	02:50-02:55	62.3	62.1	05:50-05:55	61.4	61.8
21:55-22:00	62.4	62.5	00:55-01:00	61.4	61.0	02:55-03:00	61.9	62.5	05:55-06:00	62.1	62.8
22:00-22:05	62.6	61.7	01:00-01:05	61.4	61.1	03:00-03:05	62.7	62.4	06:00-06:05	64.3	65.8
22:05-22:10	62.4	61.8	01:05-01:10	61.4	61.2	03:05-03:10	62.7	62.8	06:05-06:10	63.1	63.1
22:10-22:15	62.8	61.8	01:10-01:15	61.7	61.3	03:10-03:15	62.9	62.8	06:10-06:15	63.1	63.1
22:15-22:20	63.0	61.4	01:15-01:20	61.5	61.3	03:15-03:20	62.8	62.8	06:15-06:20	61.6	62.7
22:20-22:25	62.9	61.7	01:20-01:25	61.2	60.8	03:20-03:25	62.7	62.8	06:20-06:25	62.3	61.4
22:25-22:30	62.3	61.5	01:25-01:30	60.4	60.2	03:25-03:30	62.4	62.7	06:25-06:30	62.5	61.4
22:30-22:35	61.4	61.7	01:30-01:35	60.8	60.1	03:30-03:35	62.6	62.1	06:30-06:35	61.1	62.8
22:35-22:40	62.3	61.8	01:35-01:40	60.8	60.5	03:35-03:40	62.4	62.8	06:35-06:40	62.0	61.8
22:40-22:45	62.4	61.4	01:40-01:45	61.2	60.8	03:40-03:45	62.1	62.1	06:40-06:45	62.8	61.4
22:45-22:50	61.4	61.7	01:45-01:50	61.1	62.7	03:45-03:50	62.7	62.6	06:45-06:50	61.8	61.2
22:50-22:55	61.4	61.8	01:50-01:55	61.3	62.8	03:50-03:55	62.4	62.8	06:50-06:55	64.4	62.9
22:55-23:00	62.4	61.6	01:55-02:00	61.9	62.4	03:55-04:00	62.9	62.3	06:55-07:00	61.4	62.7

(Mr.Sujawan Sawanrasi)
Laboratory Reviewer



ANALYSIS REPORT

Customer Name : (Banpong Utilities Co., Ltd.)
Address : 222 EGCO Tower, Witthavadi Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : (Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province)
Project Location : (19/300 Moo 15, Tila Pha, Ban Pong, Ratchaburi)
Measured Source : (Ambient Noise)
Measured Point : (The area of Kasinara Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province)
GPS. Coordinate : UTM (WGS84) 47P 0551677 E, 1532941 N
Measured Date : (May 8, 2025)
Measured By : (Mr.Nitad Sirichai)
Analysed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scantech Model ST-7120 Serial Number 620453)

Quotation No. : AR2025-00285
Analysis No. : 12025-A0503-037
Report No. : 12025-BAAL704
Report Date : (May 30, 2025)

Interval Time	Noise Level For 5 minutes, dB(A)	Interval Time	Noise Level For 5 minutes, dB(A)	Interval Time	Noise Level For 5 minutes, dB(A)	Interval Time	Noise Level For 5 minutes, dB(A)	
Log	L90	Log	L90	Log	L90	Log	L90	
00:00-00:05	56.1	46.7	11:00-11:05	52.3	48.3	14:00-14:05	55.9	51.6
00:05-00:10	59.9	46.8	11:05-11:10	51.3	45.8	14:05-14:10	56.7	54.7
00:10-00:15	51.6	47.3	11:10-11:15	52.7	48.9	14:10-14:15	55.8	48.8
00:15-00:20	52.6	47.7	11:15-11:20	58.8	55.0	14:15-14:20	51.2	46.3
00:20-00:25	51.5	46.1	11:20-11:25	58.4	48.6	14:20-14:25	51.7	48.8
00:25-00:30	57.2	48.8	11:25-11:30	50.3	47.0	14:25-14:30	51.2	48.3
00:30-00:35	50.4	56.3	11:30-11:35	53.8	48.8	14:30-14:35	51.7	51.8
00:35-00:40	55.7	48.7	11:35-11:40	52.2	46.2	14:35-14:40	57.9	50.2
00:40-00:45	57.0	52.6	11:40-11:45	52.4	45.5	14:40-14:45	58.9	42.4
00:45-00:50	59.7	58.1	11:45-11:50	53.9	47.8	14:45-14:50	49.8	42.5
00:50-00:55	57.0	52.8	11:50-11:55	52.9	52.3	14:50-14:55	52.4	42.8
00:55-01:00	50.1	58.3	11:55-12:00	52.6	49.5	14:55-15:00	52.3	46.5
01:00-01:05	50.9	58.9	12:00-12:05	58.1	47.1	15:00-15:05	59.6	48.8
01:05-01:10	50.5	58.7	12:05-12:10	58.4	47.4	15:05-15:10	52.4	51.9
01:10-01:15	50.3	58.3	12:10-12:15	51.7	47.2	15:10-15:15	59.7	46.5
01:15-01:20	62.9	58.7	12:15-12:20	50.0	50.3	15:15-15:20	53.8	48.7
01:20-01:25	57.9	51.0	12:20-12:25	59.8	50.7	15:20-15:25	59.3	47.2
01:25-01:30	53.6	51.0	12:25-12:30	53.7	48.8	15:25-15:30	50.1	46.7
01:30-01:35	54.9	50.8	12:30-12:35	50.1	46.1	15:30-15:35	51.2	47.5
01:35-01:40	55.4	48.4	12:35-12:40	51.3	46.9	15:35-15:40	59.8	47.6
01:40-01:45	52.5	51.3	12:40-12:45	52.4	48.8	15:40-15:45	50.3	47.1
01:45-01:50	52.9	52.5	12:45-12:50	50.1	46.8	15:45-15:50	53.8	47.8
01:50-01:55	57.4	52.9	12:50-12:55	52.0	46.2	15:50-15:55	54.7	48.9
01:55-02:00	61.5	58.2	12:55-13:00	52.2	48.6	15:55-16:00	59.5	49.8
02:00-02:05	58.3	54.5	13:00-13:05	52.4	54.6	16:00-16:05	50.0	50.4
02:05-02:10	56.9	58.8	13:05-13:10	55.8	53.1	16:05-16:10	59.2	51.0
02:10-02:15	56.4	51.9	13:10-13:15	55.5	51.4	16:10-16:15	59.8	58.1
02:15-02:20	56.2	54.8	13:15-13:20	52.9	50.3	16:15-16:20	57.9	48.4
02:20-02:25	57.0	52.6	13:20-13:25	51.0	55.8	16:20-16:25	52.8	58.0
02:25-02:30	58.7	58.5	13:25-13:30	57.8	53.7	16:25-16:30	55.3	58.7
02:30-02:35	52.3	58.0	13:30-13:35	58.0	53.5	16:30-16:35	54.5	50.2
02:35-02:40	51.0	47.6	13:35-13:40	59.8	48.0	16:35-16:40	52.9	50.1
02:40-02:45	59.1	46.2	13:40-13:45	55.2	48.1	16:40-16:45	58.8	48.9
02:45-02:50	58.2	45.6	13:45-13:50	59.2	58.3	16:45-16:50	58.4	49.3
02:50-02:55	52.0	45.0	13:50-13:55	50.4	49.3	16:50-16:55	57.4	49.7
02:55-03:00	54.9	46.5	13:55-14:00	53.9	48.3	16:55-17:00	52.7	52.4

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ANALYSIS REPORT

Customer Name : (Banpong Utilities Co., Ltd.)
Address : 222 EGCO Tower, Witthavadi Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : (Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province)
Project Location : (19/300 Moo 15, Tila Pha, Ban Pong, Ratchaburi)
Measured Source : (Ambient Noise)
Measured Point : (The area of Kasinara Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province)
GPS. Coordinate : UTM (WGS84) 47P 0551677 E, 1532941 N
Measured Date : (May 8, 2025)
Measured By : (Mr.Nitad Sirichai)
Analysed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scantech Model ST-7120 Serial Number 620453)

Quotation No. : AR2025-00285
Analysis No. : 12025-A0503-037
Report No. : 12025-BAAL704
Report Date : (May 30, 2025)

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Log	L90		Log	L90		Log	L90		Log	L90
15:00-15:05	51.5	48.8	15:00-15:05	48.6	47.8	02:00-02:05	48.9	46.0	03:00-03:05	48.1	45.3
15:05-15:10	50.6	48.5	15:05-15:10	49.8	47.9	02:05-02:10	46.5	45.9	03:05-03:10	48.1	45.4
15:10-15:15	49.9	47.7	15:10-15:15	47.5	46.5	02:10-02:15	48.1	46.4	03:10-03:15	48.3	45.7
15:15-15:20	49.2	48.1	15:15-15:20	48.2	47.3	02:15-02:20	48.7	45.9	03:15-03:20	48.2	45.3
15:20-15:25	50.2	48.9	15:20-15:25	47.9	46.4	02:20-02:25	47.1	45.8	03:20-03:25	46.9	45.1
15:25-15:30	49.4	48.5	15:25-15:30	48.0	46.1	02:25-02:30	49.5	46.7	03:25-03:30	48.0	45.3
15:30-15:35	48.6	47.6	15:30-15:35	48.6	47.5	02:30-02:35	47.1	48.8	03:30-03:35	51.2	46.6
15:35-15:40	48.9	47.0	15:35-15:40	48.8	47.2	02:35-02:40	47.5	46.5	03:35-03:40	50.3	46.9
15:40-15:45	48.6	47.6	15:40-15:45	50.0	48.8	02:40-02:45	48.1	48.4	03:40-03:45	50.3	52.4
15:45-15:50	49.6	48.5	15:45-15:50	47.5	46.7	02:45-02:50	47.2	48.6	03:45-03:50	51.1	50.3
15:50-15:55	50.0	48.1	15:50-15:55	47.0	46.2	02:50-02:55	47.3	46.5	03:50-03:55	50.8	54.1
15:55-16:00	49.0	46.7	15:55-16:00	51.0	48.9	02:55-03:00	47.4	46.7	03:55-04:00	52.1	48.8
16:00-16:05	48.8	46.2	16:00-16:05	46.7	45.8	03:00-03:05	47.4	48.8	04:00-04:05	50.4	47.8
16:05-16:10	48.6	47.8	16:05-16:10	48.1	45.4	03:05-03:10	47.5	46.5	04:05-04:10	49.4	47.2
16:10-16:15	47.9	47.2	16:10-16:15	47.3	46.8	03:10-03:15	50.2	46.8	04:10-04:15	51.3	48.9
16:15-16:20	49.0	47.9	16:15-16:20	45.2	45.1	03:15-03:20	47.4	46.9	04:15-04:20	48.5	46.3
16:20-16:25	48.0	47.3	16:20-16:25	49.8	45.8	03:20-03:25	47.1	46.3	04:20-04:25	46.4	46.8
16:25-16:30	48.1	47.2	16:25-16:30	47.1	46.8	03:25-03:30	47.0	46.3	04:25-04:30	52.1	48.8
16:30-16:35	47.8	47.0	16:30-16:35	48.6	47.2	03:30-03:35	48.9	46.2	04:30-04:35	49.8	46.3
16:35-16:40	48.2	47.2	16:35-16:40	49.3	47.7	03:35-03:40	47.2	48.3	04:35-04:40	50.7	47.5
16:40-16:45	49.7	48.0	16:40-16:45	48.7	48.8	03:40-03:45	47.1	48.1	04:40-04:45	57.9	50.8
16:45-16:50	50.0	48.3	16:45-16:50	48.0	47.7	03:45-03:50	48.9	45.1	04:45-04:50	50.1	49.8
16:50-16:55	50.1	48.1	16:50-16:55	48.1	47.3	03:50-03:55	45.3	44.5	04:50-04:55	50.8	47.7
16:55-17:00	50.1	48.6	16:55-17:00	51.2	48.9	03:55-04:00	49.7	44.2	04:55-05:00	50.8	48.8
17:00-17:05	50.1	48.6	17:00-17:05	47.9	47.3	04:00-04:05	49.3	49.8	05:00-05:05	52.1	48.8
17:05-17:10	50.9	48.4	17:05-17:10	47.6	47.8	04:05-04:10	45.3	44.5	05:05-05:10	51.3	48.0
17:10-17:15	49.0	48.3	17:10-17:15	47.7	48.8	04:10-04:15	48.8	44.6	05:10-05:15	55.7	47.0
17:15-17:20	59.0	48.3	17:15-17:20	47.4	48.5	04:15-04:20	45.7	45.0	05:15-05:20	50.1	46.6
17:20-17:25	48.0	48.3	17:20-17:25	47.3	48.0	04:20-04:25	45.6	45.9	05:20-05:25	51.9	47.1
17:25-17:30	58.0	48.4	17:25-17:30	46.1	45.9	04:25-04:30	48.3	46.3	05:25-05:30	51.0	47.2
17:30-17:35	58.0	48.0	17:30-17:35	46.4	46.8	04:30-04:35	50.7	45.5	05:30-05:35	50.0	46.8
17:35-17:40	48.3	47.2	17:35-17:40	48.8	46.8	04:35-04:40	45.5	45.2	05:35-05:40	51.9	48.3
17:40-17:45	48.4	47.4	17:40-17:45	47.2	46.5	04:40-04:45	48.4	44.2	05:40-05:45	55.5	48.9
17:45-17:50	48.5	47.5	17:45-17:50	47.8	46.2	04:45-04:50	47.0	45.1	05:45-05:50	50.1	51.3
17:50-17:55	48.7	47.9	17:50-17:55	47.8	46.5	04:50-04:55	46.2	45.8	05:50-05:55	50.4	51.3
17:55-18:00	48.2	47.3	17:55-18:00	47.3	46.6	04:55-05:00	47.2	45.4	05:55-06:00	52.3	50.9

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REPORT FILE HAS BEEN TO SUBMITTED SAMPLE (S) ONLY

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Witthayu Bangpai Road, Thung Song Hong, Lot 51, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Kankarnai Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 49P 0381677 E, 1132441 N
Measured Date : May 9, 2025
Measured By : Mr. Natt Sirichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scautech Tech Model ST-71D Serial Number 820453

Quotation No. : IAR025-00286
Analysis No. : 2025-AC083-037
Report No. : 2025-RAAL704
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90
08:00-08:05	52.5	48.1	11:05-11:09	56.9	47.5	14:05-14:09	52.8	47.9
08:05-08:10	52.8	48.1	11:10-11:14	58.2	47.8	14:05-14:10	53.1	47.9
08:10-08:15	55.9	48.4	11:15-11:19	57.1	51.3	14:10-14:15	52.6	48.3
08:15-08:20	56.9	49.5	11:20-11:24	57.4	48.7	14:15-14:20	58.8	48.3
08:20-08:25	59.7	51.5	11:25-11:29	59.9	47.7	14:20-14:25	58.0	47.9
08:25-08:30	59.3	51.4	11:30-11:34	58.2	48.5	14:25-14:30	53.5	50.2
08:30-08:35	55.6	51.7	11:35-11:39	58.1	48.4	14:30-14:35	58.2	54.0
08:35-08:40	58.1	51.7	11:40-11:44	54.8	48.2	14:35-14:40	52.7	51.2
08:40-08:45	58.9	55.9	11:45-11:49	51.7	45.7	14:40-14:45	52.6	50.5
08:45-08:50	56.3	58.8	11:50-11:54	53.7	45.3	14:45-14:50	51.2	50.8
08:50-08:55	56.4	52.3	11:55-11:59	52.5	49.1	14:50-14:55	56.8	47.7
08:55-09:00	56.3	55.9	12:00-12:04	53.2	46.0	14:55-15:00	48.4	46.3
09:00-09:05	59.8	54.0	12:05-12:09	53.7	53.8	15:00-15:05	51.8	46.2
09:05-09:10	56.2	51.9	12:10-12:14	53.9	51.9	15:05-15:10	55.4	47.5
09:10-09:15	54.8	53.8	12:15-12:19	54.0	49.9	15:10-15:15	58.0	55.2
09:15-09:20	54.3	53.1	12:20-12:24	58.7	48.3	15:15-15:20	59.8	49.4
09:20-09:25	54.7	52.5	12:25-12:29	55.5	48.9	15:20-15:25	51.3	47.7
09:25-09:30	55.4	52.8	12:30-12:34	48.5	46.1	15:25-15:30	58.2	51.3
09:30-09:35	57.3	54.3	12:35-12:39	51.1	47.2	15:30-15:35	54.7	47.2
09:35-09:40	56.8	56.1	12:40-12:44	57.3	55.0	15:35-15:40	53.8	49.7
09:40-09:45	56.0	51.7	12:45-12:49	56.8	51.5	15:40-15:45	54.6	46.8
09:45-09:50	53.2	48.8	12:50-12:54	54.1	51.8	15:45-15:50	56.9	53.8
09:50-09:55	54.9	51.1	12:55-12:59	59.6	51.4	15:50-15:55	58.1	51.1
09:55-10:00	53.6	50.1	13:00-13:04	54.8	54.7	15:55-16:00	54.3	51.0
10:00-10:05	58.8	48.8	13:05-13:09	51.0	48.4	16:00-16:05	51.3	48.2
10:05-10:10	52.8	46.7	13:10-13:14	53.6	48.9	16:05-16:10	50.9	48.1
10:10-10:15	59.4	55.4	13:15-13:19	53.8	50.5	16:10-16:15	52.3	47.7
10:15-10:20	58.5	55.9	13:20-13:24	54.1	48.8	16:15-16:20	49.3	47.4
10:20-10:25	58.9	49.7	13:25-13:29	53.4	48.4	16:20-16:25	52.3	46.5
10:25-10:30	58.4	49.7	13:30-13:34	51.4	47.8	16:25-16:30	48.7	45.6
10:30-10:35	58.2	47.7	13:35-13:39	55.5	51.9	16:30-16:35	48.2	45.6
10:35-10:40	57.5	49.1	13:40-13:44	53.8	51.9	16:35-16:40	50.4	45.5
10:40-10:45	56.2	48.3	13:45-13:49	54.2	52.8	16:40-16:45	53.5	48.2
10:45-10:50	55.9	47.7	13:50-13:54	54.3	49.1	16:45-16:50	51.7	47.8
10:50-10:55	53.0	46.4	13:55-13:59	51.1	48.1	16:50-16:55	54.3	48.9
10:55-11:00	55.2	46.4	14:00-14:04	51.8	48.2	16:55-17:00	51.3	46.3

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Witthayu Bangpai Road, Thung Song Hong, Lot 51, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Kankarnai Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 49P 0381677 E, 1132441 N
Measured Date : May 9-10, 2025
Measured By : Mr. Natt Sirichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scautech Tech Model ST-71D Serial Number 820453

Quotation No. : IAR025-00286
Analysis No. : 2025-AC083-037
Report No. : 2025-RAAL704
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90
20:00-20:05	51.3	48.9	23:00-23:05	43.8	42.5	01:00-01:05	43.1	43.0
20:05-20:10	47.8	46.2	23:05-23:10	43.8	42.8	01:05-01:10	44.1	43.0
20:10-20:15	48.8	48.0	23:10-23:15	44.4	43.4	01:10-01:15	43.8	42.7
20:15-20:20	48.5	45.0	23:15-23:20	44.0	43.9	01:15-01:20	43.8	43.7
20:20-20:25	47.2	45.7	23:20-23:25	45.1	42.9	01:20-01:25	44.1	43.1
20:25-20:30	48.0	48.9	23:25-23:30	43.8	42.9	01:25-01:30	44.1	43.5
20:30-20:35	47.4	44.4	23:30-23:35	43.1	42.3	01:30-01:35	44.2	43.8
20:35-20:40	49.2	44.7	23:35-23:40	42.5	42.0	01:35-01:40	43.8	43.2
20:40-20:45	48.8	45.3	23:40-23:45	42.3	42.3	01:40-01:45	44.1	41.4
20:45-20:50	47.1	45.9	23:45-23:50	44.0	42.4	01:45-01:50	43.7	43.0
20:50-20:55	47.4	45.8	23:50-23:55	44.1	42.7	01:50-01:55	43.4	42.9
20:55-21:00	47.2	45.5	23:55-00:00	45.9	42.5	01:55-02:00	43.5	41.1
21:00-21:05	46.4	45.1	00:00-00:05	43.1	42.3	02:00-02:05	43.8	43.8
21:05-21:10	46.9	44.5	00:05-00:10	43.5	42.8	02:05-02:10	43.1	42.8
21:10-21:15	46.2	44.2	00:10-00:15	44.2	42.8	02:10-02:15	43.8	43.8
21:15-21:20	46.1	42.5	00:15-00:20	43.7	42.9	02:15-02:20	43.8	43.2
21:20-21:25	46.5	43.0	00:20-00:25	43.2	42.8	02:20-02:25	43.4	43.5
21:25-21:30	46.1	44.8	00:25-00:30	42.5	41.8	02:25-02:30	43.6	43.1
21:30-21:35	45.3	44.5	00:30-00:35	42.0	41.8	02:30-02:35	44.0	43.4
21:35-21:40	44.9	43.1	00:35-00:40	42.8	41.9	02:35-02:40	43.4	42.7
21:40-21:45	44.6	43.9	00:40-00:45	42.6	41.8	02:40-02:45	43.0	42.5
21:45-21:50	47.0	44.0	00:45-00:50	42.3	41.7	02:45-02:50	42.5	42.5
21:50-21:55	47.8	47.0	00:50-00:55	42.8	41.5	02:50-02:55	42.8	42.0
21:55-22:00	48.1	47.4	00:55-01:00	43.2	41.4	02:55-03:00	42.8	42.2
22:00-22:05	47.7	46.7	01:00-01:05	43.8	41.8	03:00-03:05	43.8	42.8
22:05-22:10	48.3	47.2	01:05-01:10	43.1	41.9	03:05-03:10	43.7	43.2
22:10-22:15	46.8	45.7	01:10-01:15	42.8	41.9	03:10-03:15	43.5	43.8
22:15-22:20	46.5	43.9	01:15-01:20	43.1	41.9	03:15-03:20	42.9	42.3
22:20-22:25	43.2	42.3	01:20-01:25	44.1	41.8	03:20-03:25	44.5	43.8
22:25-22:30	43.5	42.3	01:25-01:30	44.3	42.3	03:25-03:30	44.5	44.1
22:30-22:35	44.1	42.6	01:30-01:35	44.1	43.4	03:30-03:35	44.8	44.2
22:35-22:40	43.3	42.8	01:35-01:40	43.9	43.2	03:35-03:40	45.2	44.3
22:40-22:45	44.0	42.2	01:40-01:45	44.0	42.2	03:40-03:45	45.7	44.2
22:45-22:50	44.2	42.4	01:45-01:50	43.8	42.1	03:45-03:50	50.1	44.1
22:50-22:55	43.3	42.4	01:50-01:55	44.5	42.8	03:50-03:55	44.8	43.7
22:55-23:00	43.4	42.4	01:55-02:00	44.3	42.1	03:55-04:00	44.8	43.6

ANALYSIS REPORT

Customer Name : (Bangkok Utilities Co., Ltd.)
Address : 122 SGC Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lek Si, Bangkok 10210
Project Name : (Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province)
Project Location : 10/100 Moo 19, The Phra, Ban Pong, Ratchaburi
Measured Point : (Ambient Noise)
Measured Source : (The area of Koonnarai Pond, No.1 Moo 19, Ban Khrok, Tambon The Phra, Bangkok District, Ratchaburi Province)
GPS, Coordinate : (UTM (WGS84) 47P 691677 E, 1533441 N)
Measured Date : (May 10, 2025)
Measured By : (N/A) (Not Signed)
Analyzed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scalet Tech Model ST-219 Serial Number 620453)

Quotation No. : (AR2025-00286)
Analysis No. : (2025-AR2025-037)
Report No. : (2025-RAAL704)
Report Date : (May 30, 2025)

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Log	L90		Log	L90		Log	L90
00:00-00:05	60.3	56.7	11:00-11:05	57.6	55.1	14:00-14:05	58.9	55.4
00:05-00:10	59.4	55.0	11:05-11:10	58.8	55.7	14:05-14:10	56.6	55.1
00:10-00:15	56.7	49.6	11:10-11:15	55.5	50.5	14:10-14:15	56.1	48.5
00:15-00:20	57.5	47.9	11:15-11:20	55.5	50.4	14:15-14:20	52.3	48.6
00:20-00:25	57.2	49.3	11:20-11:25	56.3	50.0	14:20-14:25	52.7	51.0
00:25-00:30	56.3	49.0	11:25-11:30	56.2	50.7	14:25-14:30	56.1	53.0
00:30-00:35	45.3	45.1	11:30-11:35	56.7	50.9	14:30-14:35	56.7	54.1
00:35-00:40	48.4	52.7	11:35-11:40	57.0	47.6	14:35-14:40	55.9	53.0
00:40-00:45	58.1	56.4	11:40-11:45	57.4	47.6	14:40-14:45	57.6	49.3
00:45-00:50	56.7	51.3	11:45-11:50	52.9	47.4	14:45-14:50	53.3	48.9
00:50-00:55	55.9	49.4	11:50-11:55	51.8	48.5	14:50-14:55	51.4	47.2
00:55-01:00	53.3	49.3	11:55-12:00	52.9	48.2	14:55-15:00	53.7	46.3
01:00-01:05	51.4	48.0	12:00-12:05	51.9	46.4	15:00-15:05	51.3	46.1
01:05-01:10	49.9	48.1	12:05-12:10	53.7	47.0	15:05-15:10	54.9	50.4
01:10-01:15	51.2	46.0	12:10-12:15	51.3	47.1	15:10-15:15	56.4	54.4
01:15-01:20	52.1	46.6	12:15-12:20	49.8	47.6	15:15-15:20	52.1	48.0
01:20-01:25	56.3	48.5	12:20-12:25	50.7	46.9	15:20-15:25	51.3	46.4
01:25-01:30	49.7	44.9	12:25-12:30	54.4	49.0	15:25-15:30	51.0	51.2
01:30-01:35	56.4	48.4	12:30-12:35	52.6	48.1	15:30-15:35	58.5	55.0
01:35-01:40	60.8	57.6	12:35-12:40	50.1	50.3	15:35-15:40	62.0	51.6
01:40-01:45	61.7	59.0	12:40-12:45	58.0	50.1	15:40-15:45	61.2	57.0
01:45-01:50	59.4	55.3	12:45-12:50	58.9	46.8	15:45-15:50	56.2	52.4
01:50-01:55	57.7	55.6	12:50-12:55	58.6	51.1	15:50-15:55	56.3	50.4
01:55-02:00	59.4	57.4	12:55-13:00	56.3	52.0	15:55-16:00	57.9	48.3
02:00-02:05	54.7	53.7	13:00-13:05	56.8	49.0	16:00-16:05	52.1	47.5
02:05-02:10	53.4	50.3	13:05-13:10	56.4	47.7	16:05-16:10	54.9	48.1
02:10-02:15	56.1	51.6	13:10-13:15	55.5	51.1	16:10-16:15	53.3	47.6
02:15-02:20	54.2	52.8	13:15-13:20	51.9	48.3	16:15-16:20	52.0	46.9
02:20-02:25	58.6	57.8	13:20-13:25	54.2	51.3	16:20-16:25	56.0	47.1
02:25-02:30	60.9	58.3	13:25-13:30	50.6	47.3	16:25-16:30	56.6	51.4
02:30-02:35	59.4	58.4	13:30-13:35	55.5	48.1	16:30-16:35	56.3	55.3
02:35-02:40	60.9	58.6	13:35-13:40	57.9	52.9	16:35-16:40	56.4	54.1
02:40-02:45	54.1	52.2	13:40-13:45	56.3	50.4	16:40-16:45	57.9	54.8
02:45-02:50	55.2	51.4	13:45-13:50	58.1	48.4	16:45-16:50	56.7	53.3
02:50-02:55	56.1	53.7	13:50-13:55	49.6	48.6	16:50-16:55	49.8	48.2
02:55-03:00	57.0	54.7	13:55-14:00	54.0	48.8	16:55-17:00	46.7	48.1
03:00-03:05	57.1	54.9	14:00-14:05	49.4	48.1	17:00-17:05	46.8	48.1
03:05-03:10	57.1	55.1	14:05-14:10	49.2	48.1	17:05-17:10	43.8	43.2
03:10-03:15	56.8	55.8	14:10-14:15	50.2	47.1	17:10-17:15	43.6	43.8
03:15-03:20	56.8	55.4	14:15-14:20	46.6	47.0	17:15-17:20	43.7	43.9
03:20-03:25	56.4	53.9	14:20-14:25	46.3	47.3	17:20-17:25	43.8	43.2
03:25-03:30	55.9	55.3	14:25-14:30	47.3	46.8	17:25-17:30	43.7	43.1
03:30-03:35	56.4	54.2	14:30-14:35	47.4	46.7	17:30-17:35	41.4	43.1
03:35-03:40	54.4	51.6	14:35-14:40	47.2	46.4	17:35-17:40	44.0	43.4
03:40-03:45	54.3	51.3	14:40-14:45	47.9	46.9	17:40-17:45	44.3	43.3
03:45-03:50	54.1	52.2	14:45-14:50	47.7	46.7	17:45-17:50	44.1	43.6
03:50-03:55	52.7	51.3	14:50-14:55	49.0	46.3	17:50-17:55	43.9	43.1
03:55-04:00	53.0	51.0	14:55-15:00	46.9	46.3	17:55-18:00	46.0	43.4
04:00-04:05	51.8	50.8	15:00-15:05	46.9	46.3	18:00-18:05	46.7	43.4
04:05-04:10	51.0	50.0	15:05-15:10	47.8	46.6	18:05-18:10	46.2	43.5
04:10-04:15	51.2	49.7	15:10-15:15	48.1	47.0	18:10-18:15	44.6	43.6
04:15-04:20	50.5	48.5	15:15-15:20	47.8	47.0	18:15-18:20	43.9	44.1
04:20-04:25	50.3	48.1	15:20-15:25	47.3	46.6	18:20-18:25	46.8	43.2
04:25-04:30	49.9	48.3	15:25-15:30	47.8	46.9	18:25-18:30	46.3	43.4
04:30-04:35	48.3	48.1	15:30-15:35	46.6	47.2	18:30-18:35	44.7	43.3
04:35-04:40	46.7	47.7	15:35-15:40	46.2	47.0	18:35-18:40	44.9	43.7
04:40-04:45	50.0	46.9	15:40-15:45	46.6	46.8	18:40-18:45	44.8	43.4
04:45-04:50	48.9	47.6	15:45-15:50	50.3	46.3	18:45-18:50	44.7	43.4
04:50-04:55	48.4	46.7	15:50-15:55	48.6	46.9	18:50-18:55	44.0	44.0
04:55-05:00	47.3	45.8	15:55-16:00	45.7	44.9	18:55-19:00	43.1	43.0

ANALYSIS REPORT

Customer Name : (Bangkok Utilities Co., Ltd.)
Address : 122 SGC Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lek Si, Bangkok 10210
Project Name : (Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province)
Project Location : 10/100 Moo 19, The Phra, Ban Pong, Ratchaburi
Measured Point : (Ambient Noise)
Measured Source : (The area of Koonnarai Pond, No.1 Moo 19, Ban Khrok, Tambon The Phra, Bangkok District, Ratchaburi Province)
GPS, Coordinate : (UTM (WGS84) 47P 691677 E, 1533441 N)
Measured Date : (May 10-11, 2025)
Measured By : (N/A) (Not Signed)
Analyzed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scalet Tech Model ST-219 Serial Number 620453)

Quotation No. : (AR2025-00286)
Analysis No. : (2025-AR2025-037)
Report No. : (2025-RAAL704)
Report Date : (May 30, 2025)

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Log	L90		Log	L90		Log	L90		Log	L90
00:00-00:05	55.6	54.1	10:00-10:05	46.8	45.4	02:00-02:05	46.0	45.0	05:00-05:05	45.5	44.5
00:05-00:10	55.7	53.8	10:05-10:10	46.4	45.3	02:05-02:10	45.5	44.9	05:05-05:10	45.8	44.7
00:10-00:15	59.4	54.0	10:10-10:15	46.8	45.4	02:10-02:15	46.1	45.8	05:10-05:15	46.5	45.0
00:15-00:20	54.7	51.2	10:15-10:20	47.4	46.0	02:15-02:20	43.5	45.2	05:15-05:20	46.0	45.1
00:20-00:25	51.8	51.7	10:20-10:25	46.2	45.6	02:20-02:25	46.4	45.7	05:20-05:25	50.3	45.2
00:25-00:30	54.3	52.3	10:25-10:30	47.2	46.2	02:25-02:30	46.4	46.7	05:25-05:30	46.9	46.1
00:30-00:35	53.0	53.0	10:30-10:35	46.2	45.0	02:30-02:35	49.8	46.1	05:30-05:35	51.2	46.4
00:35-00:40	54.0	52.4	10:35-10:40	46.0	44.9	02:35-02:40	46.3	44.7	05:35-05:40	46.8	47.3
00:40-00:45	54.1	52.4	10:40-10:45	45.0	44.7	02:40-02:45	46.1	44.5	05:40-05:45	46.4	50.4
00:45-00:50	55.2	51.4	10:45-10:50	48.1	46.4	02:45-02:50	46.7	44.6	05:45-05:50	47.8	43.6
00:50-00:55	56.1	53.7	10:50-10:55	49.6	48.6	02:50-02:55	46.8	44.2	05:50-05:55	55.6	50.4
00:55-01:00	57.0	54.7	10:55-11:00	54.0	48.8	02:55-03:00	46.7	44.1	05:55-06:00	52.3	47.1
01:00-01:05	57.1	54.9	11:00-11:05	49.4	48.1	03:00-03:05	46.8	43.0	06:00-06:05	43.8	43.0
01:05-01:10	57.1	55.1	11:05-11:10	49.2	48.1	03:05-03:10	43.8	43.2	06:05-06:10	44.4	46.4
01:10-01:15	56.8	55.8	11:10-11:15	50.2	47.1	03:10-03:15	43.6	43.8	06:10-06:15	49.4	46.4
01:15-01:20	56.8	55.4	11:15-11:20	46.6	47.0	03:15-03:20	43.7	43.9	06:15-06:20	48.9	48.2
01:20-01:25	56.4	53.9	11:20-11:25	46.3	47.3	03:20-03:25	43.8	43.2	06:20-06:25	50.3	48.4
01:25-01:30	55.9	55.3	11:25-11:30	47.3	46.8	03:25-03:30	43.7	43.1	06:25-06:30	46.7	48.2
01:30-01:35	56.4	54.2	11:30-11:35	47.4	46.7	03:30-03:35	41.4	43.1	06:30-06:35	51.3	47.6
01:35-01:40	54.4	51.6	11:35-11:40	47.2	46.4	03:35-03:40	44.0	43.4	06:35-06:40	52.9	46.9
01:40-01:45	54.3	51.3	11:40-11:45	47.9	46.9	03:40-03:45	44.3	43.3	06:40-06:45	50.7	46.5
01:45-01:50	54.1	52.2	11:45-11:50	47.7	46.7	03:45-03:50	44.1	43.6	06:45-06:50	51.2	48.9
01:50-01:55	52.7	51.3	11:50-11:55	49.0	46.3	03:50-03:55	43.9	43.1	06:50-06:55	50.3	46.6
01:55-02:00	53.0	51.0	11:55-12:00	46.9	46.3	03:55-04:00	46.0	43.4	06:55-07:00	54.9	51.1
02:00-02:05	51.8	50.8	12:00-12:05	46.9	46.3	04:00-04:05	46.7	43.4	07:00-07:05	56.8	51.8
02:05-02:10	51.0	50.0	12:05-12:10	47.8	46.6	04:05-04:10	46.2	43.5	07:05-07:10	54.4	46.8
02:10-02:15	51.2	49.7	12:10-12:15	48.1	47.0	04:10-04:15	44.6	43.6	07:10-07:15	57.8	58.8
02:15-02:20	50.5	48.5	12:15-12:20	47.8	47.0	04:15-04:20	43.9	44.1	07:15-07:20	58.0	49.4
02:20-02:25	50.3	48.1	12:20-12:25	47.3	46.6	04:20-04:25	46.8	43.2	07:20-07:25	54.3	48.1
02:25-02:30	49.9	48.3	12:25-12:30	47.8	46.9	04:25-04:30	46.3	43.4	07:25-07:30	55.8	48.6
02:30-02:35	48.3	48.1	12:30-12:35	46.6	47.2	04:30-04:35	44.7	43.3	07:30-07:35	56.1	48.6
02:35-02:40	46.7	47.7	12:35-12:40	46.2	47.0	04:35-04:40	44.9	43.7	07:35-07:40	52.8	46.8
02:40-02:45	50.0	46.9	12:40-12:45	46.6	46.8	04:40-04:45	44.8	43.4	07:40-07:45	55.4	46.3
02:45-02:50	48.9	47.6	12:45-12:50	50.3	46.3	04:45-04:50	44.7	43.4	07:45-07:50	51.1	46.5
02:50-02:55	48.4	46.7	12:50-12:55	48.6	46.9	04:50-04:55	44.0	44.8	07:50-07:55	52.7	49.4
02:55-03:00	47.3	45.8	12:55-13:00	45.3	44.9	04:55-05:00	43.1	44.6	07:55-08:00	58.3	50.0

ANALYSIS REPORT

Customer Name : (Bangkok Utilities Co., Ltd.)
Address : 222 SGO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Sub 5, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Rangong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Koolnaral Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Rangong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 0991677 E, 1532441 N
Measured Date : May 11, 2025
Measured By : Mr.Nirad Sirichai
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 82853

Quotation No. : JAR025-00286
Analysis No. : 2025-AC053-037
Report No. : 2025-RAAL704
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	58.0	52.4	11:00-11:05	58.5	57.4	14:00-14:05	69.2	65.1	17:00-17:05	58.3	53.2	20:00-20:05	62.4	54.3
08:05-08:10	62.4	54.3	11:05-11:10	58.0	52.3	14:05-14:10	52.8	46.8	17:05-17:10	60.0	52.4	20:05-20:10	47.5	40.9
08:10-08:15	47.4	40.2	11:10-11:15	61.8	60.2	14:10-14:15	50.0	45.3	17:10-17:15	58.0	53.0	20:10-20:15	45.4	41.3
08:15-08:20	60.8	50.8	11:15-11:20	53.2	49.3	14:15-14:20	64.0	66.1	17:15-17:20	55.7	51.8	20:15-20:20	49.8	45.3
08:20-08:25	58.9	56.8	11:20-11:25	55.2	52.8	14:20-14:25	62.9	61.7	17:20-17:25	56.3	58.1	20:20-20:25	48.0	46.8
08:25-08:30	58.3	53.3	11:25-11:30	56.4	52.7	14:25-14:30	63.7	63.4	17:25-17:30	55.1	50.5	20:25-20:30	43.9	40.2
08:30-08:35	58.1	55.3	11:30-11:35	58.9	58.1	14:30-14:35	66.4	66.5	17:30-17:35	54.3	50.3	20:30-20:35	46.3	43.2
08:35-08:40	58.1	60.3	11:35-11:40	56.5	53.9	14:35-14:40	63.9	68.7	17:35-17:40	54.9	50.7	20:35-20:40	47.2	44.8
08:40-08:45	59.4	58.2	11:40-11:45	56.3	53.4	14:40-14:45	50.0	53.8	17:40-17:45	55.8	51.2	20:40-20:45	45.9	43.4
08:45-08:50	50.5	58.5	11:45-11:50	53.3	48.5	14:45-14:50	57.8	54.4	17:45-17:50	53.9	51.5	20:45-20:50	45.1	43.4
08:50-08:55	56.7	58.3	11:50-11:55	56.8	47.8	14:50-14:55	64.1	60.0	17:50-17:55	58.2	51.4	20:50-20:55	43.6	43.1
08:55-09:00	50.9	57.7	11:55-12:00	56.8	60.7	14:55-15:00	63.0	66.8	17:55-18:00	54.5	58.8	20:55-21:00	49.4	44.3
09:00-09:05	59.8	58.5	12:00-12:05	52.4	51.1	15:00-15:05	62.7	64.7	18:00-18:05	64.2	62.3	21:00-21:05	45.9	43.8
09:05-09:10	58.6	56.0	12:05-12:10	52.5	54.1	15:05-15:10	63.7	66.9	18:05-18:10	63.8	60.4	21:05-21:10	43.8	42.4
09:10-09:15	56.9	54.8	12:10-12:15	54.0	52.4	15:10-15:15	63.4	64.8	18:10-18:15	56.3	51.5	21:10-21:15	43.8	42.8
09:15-09:20	56.1	54.2	12:15-12:20	57.7	51.1	15:15-15:20	64.8	64.4	18:15-18:20	63.5	66.8	21:15-21:20	44.0	43.0
09:20-09:25	68.2	64.3	12:20-12:25	56.1	48.8	15:20-15:25	66.1	66.8	18:20-18:25	64.7	68.4	21:20-21:25	44.6	43.6
09:25-09:30	62.9	61.1	12:25-12:30	68.0	68.4	15:25-15:30	55.1	49.4	18:25-18:30	51.1	46.4	21:25-21:30	44.0	42.4
09:30-09:35	64.3	50.9	12:30-12:35	55.1	48.2	15:30-15:35	56.8	47.9	18:30-18:35	52.1	47.8	21:30-21:35	44.9	43.6
09:35-09:40	67.0	52.8	12:35-12:40	58.0	50.0	15:35-15:40	57.5	52.8	18:35-18:40	54.4	48.4	21:35-21:40	43.0	40.0
09:40-09:45	67.2	54.7	12:40-12:45	63.4	66.1	15:40-15:45	57.8	50.6	18:40-18:45	54.8	49.2	21:40-21:45	43.9	40.9
09:45-09:50	58.5	56.8	12:45-12:50	59.9	54.2	15:45-15:50	62.6	47.6	18:45-18:50	54.4	58.3	21:45-21:50	43.6	40.1
09:50-09:55	54.9	54.4	12:50-12:55	59.3	50.0	15:50-15:55	60.1	60.8	18:50-18:55	52.6	48.0	21:50-21:55	43.7	40.1
09:55-10:00	56.8	51.3	12:55-13:00	66.9	67.4	15:55-16:00	58.8	60.3	18:55-19:00	50.2	47.1	21:55-22:00	43.6	40.7
10:00-10:05	52.9	49.3	13:00-13:05	67.0	66.8	16:00-16:05	68.7	50.4	19:00-19:05	66.0	66.6	22:00-22:05	43.5	40.5
10:05-10:10	64.8	47.4	13:05-13:10	64.3	60.3	16:05-16:10	64.5	68.4	19:05-19:10	50.4	46.7	22:05-22:10	44.0	40.8
10:10-10:15	51.8	47.9	13:10-13:15	67.4	64.4	16:10-16:15	64.0	69.3	19:10-19:15	49.5	46.5	22:10-22:15	43.8	40.8
10:15-10:20	51.3	48.6	13:15-13:20	63.8	60.9	16:15-16:20	64.8	63.2	19:15-19:20	41.7	40.3	22:15-22:20	43.5	42.9
10:20-10:25	55.3	48.9	13:20-13:25	64.2	45.8	16:20-16:25	53.1	49.3	19:20-19:25	48.1	47.3	22:20-22:25	43.8	43.8
10:25-10:30	58.4	48.5	13:25-13:30	66.3	44.3	16:25-16:30	51.3	48.2	19:25-19:30	48.1	46.6	22:25-22:30	44.1	40.3
10:30-10:35	66.8	60.8	13:30-13:35	63.8	46.4	16:30-16:35	55.7	58.7	19:30-19:35	53.9	47.2	22:30-22:35	46.0	44.1
10:35-10:40	61.9	58.4	13:35-13:40	61.4	44.2	16:35-16:40	50.5	52.5	19:35-19:40	52.1	47.3	22:35-22:40	46.1	44.4
10:40-10:45	58.7	56.8	13:40-13:45	60.7	64.2	16:40-16:45	56.3	53.2	19:40-19:45	48.3	47.3	22:40-22:45	46.9	46.4
10:45-10:50	58.4	50.5	13:45-13:50	56.5	53.0	16:45-16:50	50.9	58.0	19:45-19:50	47.0	46.0	22:45-22:50	46.1	45.3
10:50-10:55	58.6	56.1	13:50-13:55	64.6	48.0	16:50-16:55	59.0	58.4	19:50-19:55	45.5	44.8	22:50-22:55	46.7	45.8
10:55-11:00	54.3	54.8	13:55-14:00	53.9	46.2	16:55-17:00	58.3	62.1	19:55-20:00	46.0	44.2	22:55-23:00	44.9	44.0

ANALYSIS REPORT

Customer Name : (Bangkok Utilities Co., Ltd.)
Address : 222 SGO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Sub 5, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Rangong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Koolnaral Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Rangong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 0991677 E, 1532441 N
Measured Date : May 11-12, 2025
Measured By : Mr.Nirad Sirichai
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 82853

Quotation No. : JAR025-00286
Analysis No. : 2025-AC053-037
Report No. : 2025-RAAL704
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	48.5	45.4	23:00-23:05	46.2	44.1	01:00-01:05	46.1	44.1	05:00-05:05	48.1	42.3
20:05-20:10	47.5	46.9	23:05-23:10	45.3	44.8	01:05-01:10	46.1	44.0	05:05-05:10	41.5	42.1
20:10-20:15	45.4	40.8	23:10-23:15	46.8	43.8	01:10-01:15	43.4	43.3	05:10-05:15	42.8	41.8
20:15-20:20	46.2	44.3	23:15-23:20	47.4	46.9	01:15-01:20	44.8	43.3	05:15-05:20	42.4	42.3
20:20-20:25	48.0	46.8	23:20-23:25	46.8	48.2	01:20-01:25	43.7	48.1	05:20-05:25	43.9	43.4
20:25-20:30	46.8	46.7	23:25-23:30	47.3	46.1	01:25-01:30	43.9	43.2	05:25-05:30	47.1	42.9
20:30-20:35	46.1	44.2	23:30-23:35	46.9	46.9	01:30-01:35	46.3	43.2	05:30-05:35	46.3	45.2
20:35-20:40	47.2	44.8	23:35-23:40	46.3	46.9	01:35-01:40	44.6	48.1	05:35-05:40	51.3	48.5
20:40-20:45	45.9	43.4	23:40-23:45	46.4	45.0	01:40-01:45	44.4	43.2	05:40-05:45	61.2	57.4
20:45-20:50	45.1	43.4	23:45-23:50	46.4	46.1	01:45-01:50	44.0	43.4	05:45-05:50	61.4	60.1
20:50-20:55	43.6	43.1	23:50-23:55	46.7	46.1	01:50-01:55	43.0	43.8	05:50-05:55	58.4	56.2
20:55-21:00	49.4	44.3	23:55-24:00	50.6	45.3	01:55-02:00	44.6	43.8	05:55-06:00	53.4	47.4
21:00-21:05	45.9	43.8	00:00-00:05	48.7	46.1	02:00-02:05	44.1	43.6	06:00-06:05	50.8	46.7
21:05-21:10	43.8	42.4	00:05-00:10	48.5	45.8	02:05-02:10	44.3	43.7	06:05-06:10	49.3	49.3
21:10-21:15	43.8	42.8	00:10-00:15	46.3	45.7	02:10-02:15	44.5	44.1	06:10-06:15	44.1	44.8
21:15-21:20	44.0	43.0	00:15-00:20	48.2	49.7	02:15-02:20	46.8	44.0	06:15-06:20	58.2	44.9
21:20-21:25	44.6	43.6	00:20-00:25	45.0	44.1	02:20-02:25	49.4	46.8	06:20-06:25	51.1	49.4
21:25-21:30	44.0	42.4	00:25-00:30	44.0	44.0	02:25-02:30	46.8	44.1	06:25-06:30	53.3	46.3
21:30-21:35	44.9	43.6	00:30-00:35	45.2	44.5	02:30-02:35	44.3	43.8	06:30-06:35	54.1	47.9
21:35-21:40	43.0	40.0	00:35-00:40	45.6	44.5	02:35-02:40	44.4	43.9	06:35-06:40	56.5	47.1
21:40-21:45	43.9	40.9	00:40-00:45	46.3	43.8	02:40-02:45	44.1	43.5	06:40-06:45	56.5	46.8
21:45-21:50	43.9	40.9	00:45-00:50	46.3	43.8	02:45-02:50	44.1	43.5	06:45-06:50	56.5	46.8
21:50-21:55	43.6	40.1	00:50-00:55	45.4	44.1	02:50-02:55	43.8	43.2	06:50-06:55	56.9	46.0
21:55-22:00	43.6	40.1	00:55-01:00	44.1	43.6	02:55-03:00	43.5	42.8	06:55-07:00	50.5	46.2
22:00-22:05	43.5	40.5	01:00-01:05	43.5	42.7	03:00-03:05	42.9	42.8	07:00-07:05	46.6	43.8
22:05-22:10	44.0	40.8	01:05-01:10	43.5	43.8	03:05-03:10	44.1	43.5	07:05-07:10	46.4	43.8
22:10-22:15	43.8	40.8	01:10-01:15	43.5	42.8	03:10-03:15	44.1	42.8	07:10-07:15	50.1	44.1
22:15-22:20	43.8	40.9	01:15-01:20	43.8	43.8	03:15-03:20	44.3	42.8	07:15-07:20	47.7	44.2
22:20-22:25	46.8	43.8	01:20-01:25	44.2	43.4	03:20-03:25	43.7	43.1	07:20-07:25	58.3	44.7
22:25-22:30	44.1	43.3	01:25-01:30	44.7	43.8	03:25-03:30	44.8	43.5	07:25-07:30	52.1	45.3
22:30-22:35	45.6	44.1	01:30-01:35	45.2	44.5	03:30-03:35	44.3	43.4	07:30-07:35	53.9	44.9
22:35-22:40	45.3	44.4	01:35-01:40	45.3	44.5	03:35-03:40	44.3	43.4	07:35-07:40	54.5	45.1
22:40-22:45	46.3	44.4	01:40-01:45	44.1	44.4	03:40-03:45	44.3	43.5	07:40-07:45	53.8	47.0
22:45-22:50	46.1	45.3	01:45-01:50	46.6	44.1	03:45-03:50	44.3	42.9	07:45-07:50	55.1	48.1
22:50-22:55	45.7	45.8	01:50-01:55	45.8	44.0	03:50-03:55	43.9	42.1	07:50-07:55	50.1	50.3
23:00-23:05	44.8	44.0	01:55-02:00	46.0	44.2	03:55-04:00	44.8	41.7	07:55-08:00	46.8	51.6

ANALYSIS REPORT

Customer Name : (Banpong Utilities Co., Ltd.)
Address : (222 EGOO Tower, Witthavek Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210)
Project Name : (Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province)
Project Location : (19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi)
Measured Source : (Ambient Noise)
Measured Point : (The area of Kachinara Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province)
GPS. Coordinate : UTM (WGS84) 47P 0551677 E, 1532441 N
Measured Date : (May 12, 2025)
Measured By : (Mr.Niad Sirichai)
Analyzed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scaerl Tech Model ST-210 Serial Number 820453)

Quotation No. : AR2025-00285
Analysis No. : 1-2025-AR053-037
Report No. : 1-2025-RAAL704
Report Date : (May 30, 2025)

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Lang	L90		Lang	L90		Lang	L90		Lang	L90
00:00-00:05	57.8	46.4	11:00-11:05	54.5	46.8	14:00-14:05	55.8	51.3	17:00-17:05	55.8	47.2
00:05-00:10	54.4	46.8	11:05-11:10	50.8	46.1	14:05-14:10	57.7	58.3	17:05-17:10	64.3	47.7
00:10-00:15	51.8	46.8	11:10-11:15	50.7	48.4	14:10-14:15	66.8	61.8	17:10-17:15	58.3	48.1
00:15-00:20	53.6	42.8	11:15-11:20	54.1	48.4	14:15-14:20	58.6	57.8	17:15-17:20	52.8	47.0
00:20-00:25	52.4	45.7	11:20-11:25	56.7	48.5	14:20-14:25	58.5	55.6	17:20-17:25	53.9	48.1
00:25-00:30	54.1	46.3	11:25-11:30	53.3	48.1	14:25-14:30	58.6	56.8	17:25-17:30	52.1	48.3
00:30-00:35	52.5	44.4	11:30-11:35	63.8	58.1	14:30-14:35	56.7	60.4	17:30-17:35	53.6	46.1
00:35-00:40	51.7	45.3	11:35-11:40	47.3	66.1	14:35-14:40	52.1	49.8	17:35-17:40	49.8	44.9
00:40-00:45	49.1	44.7	11:40-11:45	68.3	65.0	14:40-14:45	53.0	46.8	17:40-17:45	49.1	45.8
00:45-00:50	46.2	43.7	11:45-11:50	58.5	65.4	14:45-14:50	50.8	52.4	17:45-17:50	53.3	46.3
00:50-00:55	49.8	44.8	11:50-11:55	57.8	52.8	14:50-14:55	52.7	52.8	17:50-17:55	54.4	46.8
00:55-01:00	49.5	44.0	11:55-12:00	54.6	49.8	14:55-15:00	54.4	52.7	17:55-18:00	60.0	46.8
01:00-01:05	53.8	44.7	12:00-12:05	53.6	40.4	15:00-15:05	57.5	48.1	18:00-18:05	54.1	46.1
01:05-01:10	50.7	44.7	12:05-12:10	56.4	50.4	15:05-15:10	54.5	48.3	18:05-18:10	48.9	43.8
01:10-01:15	48.0	45.0	12:10-12:15	58.6	58.2	15:10-15:15	61.4	47.7	18:10-18:15	56.4	46.3
01:15-01:20	54.0	47.0	12:15-12:20	58.5	45.8	15:15-15:20	59.4	48.5	18:15-18:20	49.8	44.4
01:20-01:25	50.7	49.1	12:20-12:25	56.4	49.5	15:20-15:25	52.4	47.2	18:20-18:25	58.1	47.1
01:25-01:30	51.6	44.6	12:25-12:30	53.4	48.0	15:25-15:30	51.3	47.8	18:25-18:30	51.7	47.1
01:30-01:35	51.9	46.3	12:30-12:35	58.5	48.5	15:30-15:35	53.2	46.7	18:30-18:35	52.1	47.6
01:35-01:40	54.4	46.5	12:35-12:40	57.1	52.0	15:35-15:40	52.8	45.9	18:35-18:40	57.5	50.9
01:40-01:45	57.5	56.1	12:40-12:45	57.3	58.3	15:40-15:45	53.2	47.3	18:40-18:45	55.5	50.6
01:45-01:50	60.4	57.2	12:45-12:50	55.8	48.5	15:45-15:50	55.3	49.8	18:45-18:50	54.4	49.0
01:50-01:55	64.0	57.8	12:50-12:55	56.9	47.6	15:50-15:55	55.1	49.3	18:50-18:55	52.6	46.7
01:55-02:00	60.5	56.7	12:55-13:00	58.3	47.6	15:55-16:00	58.4	51.8	18:55-19:00	53.9	46.7
02:00-02:05	57.8	54.2	13:00-13:05	54.8	47.3	16:00-16:05	58.1	48.3	19:00-19:05	48.3	43.8
02:05-02:10	55.7	45.8	13:05-13:10	53.4	46.3	16:05-16:10	53.4	45.8	19:05-19:10	49.3	44.8
02:10-02:15	51.4	45.3	13:10-13:15	50.1	46.4	16:10-16:15	54.0	45.4	19:10-19:15	47.4	43.9
02:15-02:20	56.8	48.4	13:15-13:20	46.5	45.8	16:15-16:20	53.7	46.1	19:15-19:20	47.9	43.8
02:20-02:25	57.8	48.8	13:20-13:25	51.3	45.8	16:20-16:25	58.4	48.2	19:20-19:25	47.8	48.1
02:25-02:30	53.1	48.4	13:25-13:30	52.0	46.3	16:25-16:30	57.4	48.3	19:25-19:30	58.6	48.0
02:30-02:35	58.7	52.3	13:30-13:35	58.8	44.6	16:30-16:35	53.7	46.7	19:30-19:35	53.0	46.1
02:35-02:40	58.3	48.6	13:35-13:40	58.3	51.5	16:35-16:40	55.8	47.4	19:35-19:40	48.1	48.9
02:40-02:45	53.6	48.8	13:40-13:45	56.9	54.8	16:40-16:45	53.4	45.9	19:40-19:45	58.3	45.9
02:45-02:50	50.2	47.3	13:45-13:50	55.3	53.4	16:45-16:50	54.8	47.4	19:45-19:50	46.2	46.1
02:50-02:55	52.2	47.4	13:50-13:55	51.8	48.7	16:50-16:55	54.2	48.1	19:50-19:55	47.3	46.8
02:55-03:00	54.8	47.1	13:55-14:00	52.4	46.5	16:55-17:00	52.8	47.6	19:55-20:00	46.5	46.3

ANALYSIS REPORT

Customer Name : (Banpong Utilities Co., Ltd.)
Address : (222 EGOO Tower, Witthavek Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210)
Project Name : (Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province)
Project Location : (19/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi)
Measured Source : (Ambient Noise)
Measured Point : (The area of Kachinara Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province)
GPS. Coordinate : UTM (WGS84) 47P 0551677 E, 1532441 N
Measured Date : (May 12-13, 2025)
Measured By : (Mr.Niad Sirichai)
Analyzed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scaerl Tech Model ST-210 Serial Number 820453)

Quotation No. : AR2025-00286
Analysis No. : 1-2025-AR053-037
Report No. : 1-2025-RAAL704
Report Date : (May 30, 2025)

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Lang	L90		Lang	L90		Lang	L90		Lang	L90
10:00-10:05	48.8	48.1	10:00-10:05	48.1	47.6	01:00-01:05	42.4	42.5	09:00-09:05	44.1	42.1
10:05-10:10	58.8	48.7	10:05-10:10	48.0	47.8	01:05-01:10	42.8	42.8	09:05-09:10	46.3	42.1
10:10-10:15	49.8	48.5	10:10-10:15	48.8	47.8	01:10-01:15	43.5	43.0	09:10-09:15	50.3	43.1
10:15-10:20	48.8	48.3	10:15-10:20	47.7	47.3	01:15-01:20	43.4	42.1	09:15-09:20	48.2	42.7
10:20-10:25	49.8	48.4	10:20-10:25	50.2	47.5	01:20-01:25	43.7	48.0	09:20-09:25	47.8	42.5
10:25-10:30	48.1	48.8	10:25-10:30	48.8	47.5	01:25-01:30	44.1	42.7	09:25-09:30	47.7	42.7
10:30-10:35	48.4	48.8	10:30-10:35	48.5	47.5	01:30-01:35	44.0	43.0	09:30-09:35	52.4	42.6
10:35-10:40	50.2	48.2	10:35-10:40	48.3	47.6	01:35-01:40	43.4	45.8	09:35-09:40	51.9	44.6
10:40-10:45	50.0	48.1	10:40-10:45	48.3	47.1	01:40-01:45	43.4	42.8	09:40-09:45	57.2	48.3
10:45-10:50	49.2	48.6	10:45-10:50	48.0	47.4	01:45-01:50	43.5	43.1	09:45-09:50	61.5	50.7
10:50-10:55	49.1	48.5	10:50-10:55	48.1	47.6	01:50-01:55	43.9	43.4	09:50-09:55	56.5	54.1
10:55-11:00	49.4	48.5	10:55-01:00	58.4	47.7	01:55-02:00	53.7	49.3	09:55-09:00	55.5	48.9
11:00-11:05	50.7	48.7	01:00-01:05	48.0	47.6	02:00-02:05	52.8	49.3	09:00-09:05	45.4	45.7
11:05-11:10	54.1	48.4	01:05-01:10	48.3	47.6	02:05-02:10	43.8	49.0	09:05-09:10	50.4	45.7
11:10-11:15	49.0	48.4	01:10-01:15	48.0	47.6	02:10-02:15	43.8	49.3	09:10-09:15	51.8	45.8
11:15-11:20	48.8	48.2	01:15-01:20	48.3	47.4	02:15-01:20	44.8	48.1	09:15-09:20	51.8	45.9
11:20-11:25	48.5	47.9	01:20-01:25	47.8	47.2	02:20-02:25	44.1	48.0	09:20-09:25	52.2	48.8
11:25-11:30	48.2	47.3	01:25-01:30	48.3	47.2	02:25-02:30	44.6	45.8	09:25-09:30	58.3	48.0
11:30-11:35	48.8	47.4	01:30-01:35	47.4	46.5	02:30-02:35	44.4	42.8	09:30-09:35	54.2	46.5
11:35-11:40	48.8	48.8	01:35-01:40	48.0	47.3	02:35-02:40	48.1	44.4	09:35-09:40	59.9	46.8
11:40-11:45	48.7	48.3	01:40-01:45	47.4	46.8	02:40-02:45	43.0	42.3	09:40-09:45	59.5	45.8
11:45-11:50	48.7	48.3	01:45-01:50	47.5	47.1	02:45-02:50	42.9	41.5	09:45-09:50	50.4	44.2
11:50-11:55	48.1	48.5	01:50-01:55	47.4	47.6	02:50-02:55	46.1	42.3	09:50-09:55	52.3	46.8
11:55-12:00	48.4	48.9	01:55-02:00	47.4	47.6	02:55-03:00	43.6	42.3	09:55-07:00	48.1	43.8
12:00-12:05	48.1	48.7	02:00-02:05	47.5	47.0	03:00-03:05	43.6	42.3	07:00-07:05	44.8	44.4
12:05-12:10	48.4	48.1	02:05-02:10	47.4	46.9	03:05-03:10	42.8	47.2	07:05-07:10	51.1	44.4
12:10-12:15	48.6	48.0	02:10-02:15	47.8	47.0	03:10-03:15	42.8	42.1	07:10-07:15	51.1	45.1
12:15-12:20	54.4	47.9	02:15-02:20	47.6	47.1	03:15-03:20	42.9	42.3	07:15-07:20	55.3	48.8
12:20-12:25	48.9	47.8	02:20-02:25	47.4	47.0	03:20-03:25	43.8	42.5	07:20-07:25	56.1	47.9
12:25-12:30	48.8	47.8	02:25-02:30	47.5	46.9	03:25-03:30	53.7	43.8	07:25-07:30	56.8	47.1
12:30-12:35	48.3	47.8	02:30-02:35	48.6	48.3	03:30-03:35	47.2	42.4	07:30-07:35	50.5	47.1
12:35-12:40	48.0	47.3	02:35-02:40	48.4	42.7	03:40-03:45	42.4	42.5	07:35-07:40	54.9	47.4
12:40-12:45	48.4	47.8	02:40-02:45	48.1	42.4	03:45-03:50	43.8	42.5	07:40-07:45	56.6	47.6
12:45-12:50	48.1	47.7	02:45-02:50	44.0	42.4	03:50-03:55	47.2	42.8	07:45-07:50	57.9	47.8
12:50-12:55	48.0	47.6	02:50-02:55	43.3	42.3	03:55-04:00	48.0	42.5	07:50-07:55	59.8	48.8
12:55-01:00	48.2	47.7	02:55-03:00	43.3	42.4	04:00-04:05	48.0	42.7	07:55-08:00	58.4	48.4

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 13/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Koshinara Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WG84) 47P 0301677 E, 1532441 N
Measured Date : May 13, 2025
Measured By : Mr.Niad Srichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-21D Serial Number 629453

Quotation No. : AR0025-00086
Analysis No. : 1025-AC013-037
Report No. : 1025-SAAJ704
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90		Leq	L90
00:00-00:05	56.0	46.1	11:00-11:05	60.2	51.9	14:00-14:05	62.5	54.8	17:00-17:05	46.4	43.2	20:00-20:05	54.7	52.8
00:05-00:10	57.2	50.1	11:05-11:10	58.5	57.5	14:05-14:10	57.2	53.8	17:05-17:10	54.3	47.9	20:05-20:10	54.8	53.1
00:10-00:15	56.4	47.8	11:10-11:15	48.9	58.8	14:10-14:15	52.8	51.7	17:10-17:15	51.4	47.2	20:10-20:15	53.6	51.7
00:15-00:20	56.3	48.1	11:15-11:20	56.4	53.8	14:15-14:20	56.0	51.0	17:15-17:20	53.3	47.7	20:15-20:20	54.3	52.1
00:20-00:25	52.1	46.8	11:20-11:25	57.2	58.5	14:20-14:25	53.6	53.0	17:20-17:25	53.7	49.4	20:20-20:25	55.8	51.9
00:25-00:30	51.5	44.5	11:25-11:30	58.9	58.6	14:25-14:30	51.8	50.5	17:25-17:30	55.2	47.6	20:25-20:30	52.9	52.7
00:30-00:35	53.4	45.5	11:30-11:35	61.1	52.2	14:30-14:35	62.2	45.6	17:30-17:35	53.4	47.6	20:30-20:35	50.1	47.6
00:35-00:40	52.6	46.8	11:35-11:40	60.2	56.0	14:35-14:40	49.3	48.4	17:35-17:40	58.8	47.6	20:35-20:40	47.6	48.4
00:40-00:45	48.1	45.0	11:40-11:45	58.4	48.3	14:40-14:45	61.2	50.1	17:40-17:45	48.0	48.9	20:40-20:45	49.0	47.3
00:45-00:50	55.5	45.7	11:45-11:50	50.8	48.5	14:45-14:50	62.8	62.0	17:45-17:50	50.7	48.0	20:45-20:50	48.3	47.5
00:50-00:55	49.5	49.7	11:50-11:55	51.2	47.1	14:50-14:55	59.8	50.4	17:50-17:55	52.2	47.7	20:50-20:55	48.6	47.7
00:55-01:00	51.7	47.0	11:55-12:00	52.8	48.9	14:55-15:00	58.3	55.7	17:55-18:00	50.0	47.9	20:55-21:00	49.0	47.5
01:00-01:05	61.8	46.3	12:00-12:05	54.9	50.8	15:00-15:05	57.7	58.1	18:00-18:05	55.7	46.5	21:00-21:05	48.7	47.2
01:05-01:10	56.3	47.8	12:05-12:10	52.0	55.1	15:05-15:10	58.1	52.1	18:05-18:10	51.4	46.3	21:05-21:10	48.1	46.8
01:10-01:15	57.0	48.5	12:10-12:15	50.2	56.1	15:10-15:15	52.0	48.5	18:10-18:15	52.1	45.1	21:10-21:15	48.0	46.8
01:15-01:20	61.1	58.0	12:15-12:20	56.9	55.4	15:15-15:20	51.2	48.8	18:15-18:20	55.4	53.8	21:15-21:20	48.2	46.1
01:20-01:25	56.3	56.9	12:20-12:25	58.2	52.9	15:20-15:25	56.1	48.1	18:20-18:25	54.8	51.8	21:20-21:25	48.7	47.7
01:25-01:30	44.1	59.3	12:25-12:30	58.4	54.2	15:25-15:30	51.6	48.0	18:25-18:30	57.6	51.7	21:25-21:30	56.3	47.8
01:30-01:35	58.6	56.8	12:30-12:35	52.3	48.7	15:30-15:35	50.4	46.1	18:30-18:35	54.5	51.9	21:30-21:35	49.2	47.4
01:35-01:40	59.1	58.1	12:35-12:40	52.5	44.2	15:35-15:40	51.7	44.7	18:35-18:40	54.5	54.5	21:35-21:40	48.8	47.7
01:40-01:45	60.6	58.8	12:40-12:45	50.5	48.5	15:40-15:45	48.4	45.0	18:40-18:45	50.2	51.8	21:40-21:45	50.7	47.8
01:45-01:50	61.0	59.7	12:45-12:50	54.5	54.7	15:45-15:50	46.1	43.6	18:45-18:50	50.0	52.1	21:45-21:50	49.3	47.7
01:50-01:55	48.6	57.8	12:50-12:55	52.8	51.2	15:50-15:55	49.7	43.8	18:50-18:55	55.1	51.8	21:50-21:55	49.6	47.8
01:55-02:00	59.1	57.9	12:55-13:00	57.2	53.2	15:55-16:00	52.0	45.8	18:55-19:00	54.2	51.3	21:55-22:00	46.4	47.1
02:00-02:05	60.5	58.7	13:00-13:05	53.9	50.3	16:00-16:05	44.8	45.2	19:00-19:05	62.1	51.0	22:00-22:05	47.6	46.3
02:05-02:10	59.0	58.5	13:05-13:10	57.3	48.8	16:05-16:10	51.0	44.9	19:05-19:10	52.4	51.3	22:05-22:10	47.1	45.8
02:10-02:15	59.0	55.3	13:10-13:15	58.2	48.7	16:10-16:15	51.8	48.7	19:10-19:15	50.7	50.7	22:10-22:15	47.1	45.8
02:15-02:20	56.6	54.9	13:15-13:20	58.9	55.1	16:15-16:20	51.3	48.4	19:15-19:20	52.4	50.8	22:15-22:20	46.4	45.6
02:20-02:25	55.0	53.5	13:20-13:25	56.6	52.8	16:20-16:25	50.8	48.4	19:20-19:25	58.9	49.8	22:20-22:25	48.9	45.4
02:25-02:30	58.0	47.0	13:25-13:30	56.8	51.8	16:25-16:30	50.8	48.2	19:25-19:30	58.7	48.2	22:25-22:30	46.0	45.2
02:30-02:35	61.8	48.0	13:30-13:35	56.8	55.4	16:30-16:35	51.3	48.0	19:30-19:35	48.0	48.8	22:30-22:35	48.7	48.5
02:35-02:40	51.3	48.8	13:35-13:40	60.2	51.5	16:35-16:40	52.1	48.3	19:35-19:40	50.5	48.9	22:35-22:40	47.2	45.6
02:40-02:45	52.8	46.1	13:40-13:45	56.8	48.6	16:40-16:45	51.2	46.1	19:40-19:45	50.8	48.3	22:40-22:45	46.7	45.0
02:45-02:50	50.5	46.5	13:45-13:50	58.1	50.3	16:45-16:50	49.9	46.3	19:45-19:50	50.9	50.8	22:45-22:50	47.4	46.4
02:50-02:55	53.2	45.0	13:50-13:55	57.7	52.0	16:50-16:55	52.5	48.9	19:50-19:55	47.8	46.7	22:50-22:55	47.7	46.5
02:55-03:00	51.3	46.5	13:55-14:00	55.3	50.1	16:55-17:00	52.0	48.2	19:55-20:00	53.7	50.9	22:55-23:00	47.7	46.7

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 13/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Koshinara Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WG84) 47P 0301677 E, 1532441 N
Measured Date : May 13-14, 2025
Measured By : Mr.Niad Srichai
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-21D Serial Number 629453

Quotation No. : AR0025-00086
Analysis No. : 1025-AC013-037
Report No. : 1025-SAAJ704
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
00:00-00:05	54.7	52.8	10:00-10:05	48.0	47.7	00:00-00:05	47.1	44.3	05:00-05:05	49.7	45.5
00:05-00:10	54.8	53.1	10:05-10:10	46.8	47.3	00:05-00:10	48.1	46.0	05:05-05:10	52.1	48.8
00:10-00:15	53.6	51.7	10:10-10:15	54.1	48.1	00:10-00:15	46.8	44.8	05:10-05:15	49.5	48.1
00:15-00:20	54.3	52.1	10:15-10:20	54.3	51.6	00:15-00:20	46.7	45.8	05:15-05:20	48.8	48.8
00:20-00:25	55.8	47.9	10:20-10:25	52.4	46.2	00:20-00:25	46.4	45.8	05:20-05:25	48.7	47.8
00:25-00:30	49.5	47.3	10:25-10:30	52.8	52.7	00:25-00:30	47.5	46.8	05:25-05:30	59.8	48.4
00:30-00:35	50.1	47.6	10:30-10:35	51.5	58.8	00:30-00:35	47.1	46.5	05:30-05:35	51.5	48.7
00:35-00:40	47.6	48.4	10:35-10:40	58.8	55.1	00:35-00:40	47.6	46.7	05:35-05:40	54.6	48.6
00:40-00:45	49.0	47.3	10:40-10:45	54.0	51.1	00:40-00:45	44.4	46.9	05:40-05:45	59.3	51.0
00:45-00:50	48.3	47.5	10:45-10:50	51.8	49.3	00:45-00:50	48.7	47.9	05:45-05:50	54.1	51.8
00:50-00:55	48.6	47.7	10:50-10:55	50.3	49.4	00:50-00:55	47.5	46.8	05:50-05:55	64.3	55.1
00:55-01:00	49.0	47.5	10:55-11:00	51.2	49.9	00:55-01:00	47.6	46.8	05:55-06:00	51.2	46.2
01:00-01:05	48.7	47.2	11:00-11:05	48.0	48.2	01:00-01:05	47.8	46.7	06:00-06:05	48.3	45.4
01:05-01:10	48.1	46.8	11:05-11:10	48.5	48.5	01:05-01:10	46.7	45.8	06:05-06:10	48.2	45.4
01:10-01:15	48.0	46.8	11:10-11:15	58.8	55.8	01:10-01:15	46.9	45.2	06:10-06:15	48.4	45.4
01:15-01:20	48.2	46.1	11:15-11:20	58.6	48.1	01:15-01:20	48.4	44.8	06:15-06:20	53.2	48.3
01:20-01:25	48.7	47.7	11:20-11:25	51.4	49.8	01:20-01:25	45.5	44.6	06:20-06:25	52.2	46.2
01:25-01:30	56.3	47.8	11:25-11:30	52.1	58.4	01:25-01:30	44.1	43.8	06:25-06:30	54.6	48.4
01:30-01:35	49.2	47.4	11:30-11:35	52.0	51.1	01:30-01:35	44.2	45.4	06:30-06:35	52.5	46.3
01:35-01:40	48.8	47.7	11:35-11:40	60.2	46.2	01:35-01:40	44.0	45.1	06:35-06:40	51.4	45.1
01:40-01:45	50.7	47.8	11:40-11:45	49.7	48.7	01:40-01:45	44.7	48.5	06:40-06:45	52.6	49.5
01:45-01:50	49.3	47.7	11:45-11:50	50.1	48.7	01:45-01:50	44.8	48.5	06:45-06:50	53.0	48.7
01:50-01:55	48.9	47.8	11:50-11:55	49.3	48.5	01:50-01:55	43.5	45.8	06:50-06:55	57.7	49.2
01:55-02:00	49.4	47.8	11:55-12:00	51.4	49.8	01:55-02:00	48.2	45.8	06:55-07:00	48.3	45.8
02:00-02:05	47.6	46.1	12:00-12:05	51.6	50.2	02:00-02:05	49.3	45.9	07:00-07:05	51.4	45.1
02:05-02:10	47.1	45.8	12:05-12:10	51.2	50.8	02:05-02:10	47.6	45.9	07:05-07:10	48.2	44.8
02:10-02:15	47.1	45.8	12:10-12:15	52.8	50.8	02:10-02:15	47.8	45.3	07:10-07:15	51.9	45.2
02:15-02:20	46.8	46.1	12:15-12:20	53.9	51.8	02:15-02:20	48.1	47.4	07:15-07:20	51.4	45.7
02:20-02:25	48.0	45.4	12:20-12:25	51.5	51.4	02:20-02:25	47.8	47.2	07:20-07:25	52.7	46.8
02:25-02:30	48.8	45.2	12:25-12:30	51.9	50.9	02:25-02:30	47.9	47.3	07:25-07:30	53.8	46.8
02:30-02:35	48.7	48.5	12:30-12:35	50.1	48.8	02:30-02:35	48.4	47.2	07:30-07:35	52.1	45.2
02:35-02:40	47.2	45.6	12:35-12:40	51.2	50.1	02:35-02:40	55.5	47.2	07:35-07:40	53.0	48.2
02:40-02:45	46.7	45.0	12:40-12:45	50.8	48.5	02:40-02:45	57.9	52.8	07:40-07:45	51.0	45.3
02:45-02:50	47.4	46.4	12:45-12:50	49.8	47.7	02:45-02:50	51.9	50.3	07:45-07:50	52.5	45.5
02:50-02:55	47.7	46.5	12:50-12:55	47.9	46.7	02:50-02:55	52.1	49.1	07:50-07:55	52.8	46.6
02:55-03:00	47.9	46.7	12:55-03:00	47.5	46.2	02:55-03:00	52.5	48.2	07:55-08:00	52.7	45.5

ANALYSIS REPORT

Customer Name : Banpong Uthaisa Co., Ltd.
Address : 1221 ESOO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lat Su, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 18/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : (The area of Kasinara Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 0591677 E, 1532441 N
Measured Date : May 14, 2025
Measured By : Mr.Niad Srichar
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scaier Tech Model ST-2120 Serial Number 620453

Quotation No. : AR0025-00286
Analysis No. : 2025-AC003-037
Report No. : 2025-RAAL704
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Log	L90		Log	L90		Log	L90		Log	L90
00:00-00:05	52.6	45.6	11:00-11:05	57.1	54.0	16:00-16:05	55.1	50.9	17:00-17:05	52.1	49.2
00:05-00:10	51.9	46.1	11:05-11:10	57.7	56.8	16:05-16:10	55.8	52.1	17:05-17:10	53.8	49.3
00:10-00:15	50.8	48.7	11:10-11:15	58.8	53.7	16:10-16:15	57.4	54.7	17:10-17:15	56.1	49.1
00:15-00:20	52.0	47.8	11:15-11:20	58.3	53.9	16:15-16:20	55.7	51.9	17:15-17:20	52.8	49.1
00:20-00:25	54.4	49.1	11:20-11:25	57.3	51.9	16:20-16:25	57.7	50.9	17:20-17:25	55.0	49.0
00:25-00:30	53.3	47.9	11:25-11:30	55.1	51.9	16:25-16:30	53.9	49.8	17:25-17:30	59.1	49.6
00:30-00:35	55.1	48.2	11:30-11:35	54.7	48.9	16:30-16:35	52.4	49.7	17:30-17:35	58.4	49.7
00:35-00:40	50.0	47.3	11:35-11:40	52.8	47.3	16:35-16:40	52.9	48.1	17:35-17:40	54.8	49.3
00:40-00:45	54.9	44.9	11:40-11:45	53.9	47.4	16:40-16:45	51.7	48.8	17:40-17:45	50.9	48.1
00:45-00:50	54.7	46.5	11:45-11:50	51.8	46.5	16:45-16:50	52.1	49.8	17:45-17:50	53.9	49.1
00:50-00:55	55.8	48.4	11:50-11:55	53.3	48.4	16:50-16:55	52.4	48.9	17:50-17:55	52.3	48.8
00:55-01:00	50.7	45.6	11:55-12:00	54.7	48.9	16:55-17:00	54.5	48.4	17:55-18:00	54.5	49.1
01:00-01:05	51.1	46.0	12:00-12:05	53.0	47.3	16:55-17:00	53.8	48.1	18:00-18:05	52.8	48.3
01:05-01:10	55.5	46.9	12:05-12:10	56.1	52.4	17:00-17:05	56.3	49.3	18:05-18:10	56.3	49.3
01:10-01:15	52.2	45.3	12:10-12:15	57.4	58.2	17:05-17:10	54.9	49.3	18:10-18:15	54.0	48.5
01:15-01:20	53.6	45.8	12:15-12:20	56.0	54.0	17:10-17:15	50.7	48.3	18:15-18:20	58.7	48.3
01:20-01:25	51.8	46.9	12:20-12:25	56.9	52.4	17:15-17:20	52.8	50.7	18:20-18:25	51.7	48.6
01:25-01:30	52.6	45.7	12:25-12:30	53.2	48.9	17:20-17:25	54.8	51.0	18:25-18:30	58.7	51.0
01:30-01:35	48.0	44.8	12:30-12:35	50.9	47.9	17:25-17:30	56.8	56.3	18:30-18:35	57.3	56.3
01:35-01:40	51.2	46.3	12:35-12:40	57.8	48.9	17:30-17:35	57.4	55.0	18:35-18:40	57.4	55.0
01:40-01:45	52.1	45.8	12:40-12:45	54.1	49.4	17:35-17:40	54.9	52.3	18:40-18:45	57.1	54.6
01:45-01:50	55.4	52.8	12:45-12:50	56.8	51.4	17:40-17:45	54.0	53.1	18:45-18:50	54.7	53.0
01:50-01:55	50.1	51.3	12:50-12:55	57.3	52.2	17:45-17:50	52.3	49.7	18:50-18:55	52.3	49.7
01:55-12:00	58.4	58.6	12:55-13:00	59.3	56.4	17:50-18:00	50.7	48.4	18:55-19:00	51.7	48.4
12:00-12:05	57.5	58.7	13:00-13:05	58.7	58.3	17:55-18:00	49.7	48.8	19:00-19:05	49.7	48.8
12:05-12:10	58.5	57.4	13:05-13:10	58.2	58.1	18:00-18:05	52.4	48.0	19:05-19:10	52.4	48.0
12:10-12:15	51.5	58.5	13:10-13:15	58.0	54.6	18:05-18:10	55.8	49.8	19:10-19:15	59.8	49.8
12:15-12:20	51.6	58.4	13:15-13:20	58.0	52.6	18:10-18:15	51.3	49.4	19:15-19:20	55.5	47.6
12:20-12:25	50.7	58.6	13:20-13:25	58.7	53.3	18:15-18:20	48.4	47.8	19:20-19:25	48.4	47.8
12:25-12:30	58.6	57.5	13:25-13:30	54.4	50.9	18:20-18:25	58.4	49.1	19:25-19:30	48.4	47.1
12:30-12:35	58.3	57.0	13:30-13:35	58.3	48.1	18:25-18:30	51.3	49.4	19:30-19:35	55.4	47.9
12:35-12:40	50.5	57.8	13:35-13:40	51.4	48.1	18:30-18:35	50.7	50.0	19:35-19:40	51.8	46.7
12:40-12:45	52.0	54.0	13:40-13:45	55.0	50.5	18:35-18:40	50.8	48.6	19:40-19:45	50.7	46.3
12:45-12:50	50.5	53.2	13:45-13:50	58.8	49.6	18:40-18:45	58.1	52.9	19:45-19:50	49.3	45.4
12:50-12:55	58.7	56.3	13:50-13:55	55.6	50.1	18:45-18:50	53.6	49.5	19:50-19:55	49.7	46.3
12:55-13:00	54.3	53.8	13:55-14:00	52.5	50.2	18:50-18:55	51.8	48.1	19:55-20:00	51.8	46.4

ANALYSIS REPORT

Customer Name : Banpong Uthaisa Co., Ltd.
Address : 1221 ESOO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lat Su, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 18/300 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : (The area of Kasinara Pond, No.1 Moo 19, Ban Khrok, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 0591677 E, 1532441 N
Measured Date : May 14-15, 2025
Measured By : Mr.Niad Srichar
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scaier Tech Model ST-2120 Serial Number 620453

Quotation No. : AR0025-00286
Analysis No. : 2025-AC003-037
Report No. : 2025-RAAL704
Report Date : May 30, 2025

Interval Time	Notes Level For 5 minutes, dB(A)		Interval Time	Notes Level For 5 minutes, dB(A)		Interval Time	Notes Level For 5 minutes, dB(A)		Interval Time	Notes Level For 5 minutes, dB(A)	
	Log	L90		Log	L90		Log	L90		Log	L90
18:00-18:05	48.4	45.0	18:05-18:10	48.3	47.9	18:05-18:10	51.7	42.7	18:05-18:10	46.1	44.4
18:05-18:10	46.5	44.4	18:10-18:15	48.3	47.8	18:10-18:15	43.2	42.8	18:05-18:10	48.9	46.1
18:10-18:15	45.8	45.6	18:15-18:20	48.3	47.8	18:15-18:20	43.8	42.4	18:10-18:15	47.3	45.7
18:15-18:20	43.3	46.0	18:20-18:25	48.6	48.9	18:20-18:25	42.1	42.7	18:15-18:20	46.7	46.4
18:20-18:25	48.6	46.6	18:25-18:30	48.6	48.1	18:25-18:30	43.1	42.8	18:20-18:25	51.1	49.8
18:25-18:30	48.7	46.8	18:30-18:35	48.8	48.1	18:30-18:35	43.6	42.1	18:25-18:30	48.8	46.2
18:30-18:35	50.1	46.8	18:35-18:40	49.5	48.7	18:35-18:40	42.3	42.5	18:30-18:35	47.8	45.2
18:35-18:40	47.8	46.9	18:40-18:45	46.7	48.4	18:35-18:40	42.1	41.9	18:35-18:40	53.7	47.1
18:40-18:45	49.0	47.4	18:45-18:50	46.4	44.7	18:40-18:45	42.1	41.9	18:40-18:45	45.8	43.2
18:45-18:50	48.7	47.4	18:50-18:55	45.7	45.5	18:45-18:50	42.8	42.0	18:45-18:50	64.8	53.3
18:50-18:55	46.1	47.1	18:55-19:00	44.4	43.6	18:50-18:55	40.1	40.3	18:50-18:55	58.6	55.3
18:55-19:00	46.0	47.5	19:00-19:05	50.4	48.9	18:55-18:50	44.2	42.2	18:55-18:50	64.1	58.2
19:00-19:05	48.3	46.8	19:05-19:10	51.9	48.1	19:00-19:05	42.7	43.1	19:00-19:05	57.8	56.0
19:05-19:10	48.0	46.8	19:10-19:15	44.4	42.9	19:05-19:10	42.5	42.1	19:05-19:10	52.8	49.0
19:10-19:15	47.8	48.8	19:15-19:20	44.8	43.0	19:10-19:15	43.3	42.4	19:10-19:15	51.4	48.6
19:15-19:20	48.9	47.0	19:20-19:25	43.8	42.8	19:15-19:20	42.8	42.1	19:15-19:20	51.3	47.8
19:20-19:25	48.3	47.4	19:25-19:30	43.1	42.5	19:20-19:25	42.8	42.1	19:20-19:25	50.7	48.7
19:25-19:30	47.2	46.5	19:30-19:35	43.0	42.6	19:25-19:30	42.8	42.1	19:25-19:30	64.3	49.4
19:30-19:35	47.1	46.1	19:35-19:40	43.1	42.3	19:30-19:35	42.4	42.0	19:30-19:35	51.3	48.5
19:35-19:40	49.2	46.3	19:40-19:45	42.0	42.3	19:35-19:40	40.3	40.3	19:35-19:40	58.2	49.8
19:40-19:45	48.9	46.1	19:45-19:50	43.5	42.7	19:40-19:45	42.1	40.5	19:40-19:45	57.2	56.8
19:45-19:50	48.6	46.0	19:50-19:55	42.8	42.5	19:45-19:50	42.8	42.1	19:45-19:50	59.6	51.6
19:50-19:55	48.8	46.1	19:55-20:00	44.4	42.9	19:50-19:55	43.0	42.1	19:50-19:55	55.2	53.8
19:55-20:00	46.8	46.2	20:00-20:05	43.5	42.4	19:55-19:50	42.8	42.4	19:55-19:50	50.3	50.3
20:00-20:05	50.5	49.3	20:05-20:10	43.8	42.8	20:00-20:05	43.8	42.4	20:00-20:05	44.4	40.6
20:05-20:10	50.8	48.4	20:10-20:15	42.4	41.8	20:05-20:10	43.4	42.4	20:05-20:10	52.9	49.3
20:10-20:15	49.4	48.7	20:15-20:20	42.4	41.8	20:10-20:15	42.1	42.5	20:10-20:15	52.1	51.8
20:15-20:20	49.2	48.8	20:20-20:25	43.1	42.5	20:15-20:20	42.9	42.2	20:15-20:20	58.2	51.2
20:20-20:25	49.5	48.8	20:25-20:30	42.7	42.1	20:20-20:25	40.2	42.2	20:20-20:25	53.1	50.7
20:25-20:30	49.7	48.1	20:30-20:35	42.5	42.8	20:25-20:30	42.3	42.6	20:25-20:30	58.3	52.5
20:30-20:35	48.4	48.6	20:35-20:40	42.8	42.7	20:30-20:35	44.9	41.5	20:30-20:35	58.0	55.9
20:35-20:40	47.7	48.0	20:40-20:45	44.9	43.1	20:35-20:40	44.8	43.0	20:35-20:40	53.0	50.6
20:40-20:45	46.3	45.6	20:45-20:50	44.3	43.4	20:40-20:45	44.3	42.8	20:40-20:45	58.5	50.7
20:45-20:50	48.9	45.8	20:50-20:55	44.2	43.5	20:45-20:50	50.2	43.1	20:45-20:50	52.0	50.0
20:50-20:55	48.6	46.4	20:55-21:00	43.6	42.8	20:50-20:55	44.8	42.2	20:50-20:55	53.9	50.2
20:55-21:00	48.4	46.3	21:00-21:05	43.4	42.9	20:55-21:00	44.4	42.2	20:55-21:00	53.8	49.8

(Mr.Supamon Sornwattapong)
Laboratory Reviewer



(Mr.Thanada Buthingthong)
Laboratory Supervisor

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 ESO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lat 5, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/100 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khui Villages, in the north of the Project, No.36 Moo 2, Ban Rai Khui, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS, Coordinate : UTM (WGS84) 47P 0502642 E, 1532384 N
Measured Date : May 6, 2025
Measured By : Mr.Miad Sirichad
Analized By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Siretec Tech Model ST-210 Serial Number 820451

Quotation No. : AR025-00286
Analysis No. : 2025-AC023-030
Report No. : 2025-RAAL706
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90		Leq	L90
00:00-00:05	52.3	52.1	11:00-11:05	48.0	48.1	22:00-22:05	45.4	47.4	17:00-17:05	55.0	50.8	08:00-08:05	52.3	52.3
00:05-00:10	51.4	51.9	11:05-11:10	52.1	48.2	22:05-22:10	52.3	48.8	17:05-17:10	52.3	50.3	08:05-08:10	51.9	51.9
00:10-00:15	51.9	53.0	11:10-11:15	58.2	54.4	22:10-22:15	50.4	44.8	17:10-17:15	54.7	50.5	08:10-08:15	51.9	53.0
00:15-00:20	54.0	53.8	11:15-11:20	53.6	50.7	22:15-22:20	50.9	44.4	17:15-17:20	52.2	50.2	08:15-08:20	54.0	53.8
00:20-00:25	47.4	52.4	11:20-11:25	46.7	48.7	22:20-22:25	52.8	48.7	17:20-17:25	51.7	52.3	08:20-08:25	47.4	52.4
00:25-00:30	52.8	51.4	11:25-11:30	49.3	48.5	22:25-22:30	52.3	48.0	17:25-17:30	50.9	50.4	08:25-08:30	52.8	51.4
00:30-00:35	51.9	51.4	11:30-11:35	49.3	48.5	22:30-22:35	52.4	48.7	17:30-17:35	51.8	50.1	08:30-08:35	51.9	51.4
00:35-00:40	52.1	51.8	11:35-11:40	49.2	48.2	22:35-22:40	52.8	49.7	17:35-17:40	52.8	50.1	08:35-08:40	52.1	51.8
00:40-00:45	52.1	52.3	11:40-11:45	49.9	48.8	22:40-22:45	50.9	49.0	17:40-17:45	54.8	52.3	08:40-08:45	52.1	52.3
00:45-00:50	50.6	50.8	11:45-11:50	49.4	48.6	22:45-22:50	50.7	48.4	17:45-17:50	54.8	50.4	08:45-08:50	50.6	50.8
00:50-00:55	49.9	49.9	11:50-11:55	49.4	48.7	22:50-22:55	50.3	48.8	17:50-17:55	58.9	53.7	08:50-08:55	49.9	49.9
00:55-00:00	50.0	48.7	11:55-12:00	58.8	48.7	22:55-23:00	51.4	48.3	17:55-18:00	54.4	52.3	08:55-09:00	50.0	48.7
01:00-01:05	50.2	48.8	12:00-12:05	58.1	49.1	23:00-23:05	50.5	48.2	18:00-18:05	54.6	52.3	09:00-09:05	50.2	48.8
01:05-01:10	51.1	49.9	12:05-12:10	58.3	49.2	23:05-23:10	50.4	48.9	18:05-18:10	54.1	51.3	09:05-09:10	51.1	49.9
01:10-01:15	50.2	49.8	12:10-12:15	58.5	49.4	23:10-23:15	51.8	49.8	18:10-18:15	58.9	51.8	09:10-09:15	50.2	49.8
01:15-01:20	51.4	48.8	12:15-12:20	52.3	50.4	23:15-23:20	51.4	48.9	18:15-18:20	58.4	52.3	09:15-09:20	51.4	48.8
01:20-01:25	51.2	48.8	12:20-12:25	58.6	49.5	23:20-23:25	51.7	48.3	18:20-18:25	54.2	52.2	09:20-09:25	51.2	48.8
01:25-01:30	50.6	48.2	12:25-12:30	51.1	49.1	23:25-23:30	50.8	48.0	18:25-18:30	57.0	51.3	09:25-09:30	50.6	48.2
01:30-01:35	55.4	52.0	12:30-12:35	58.7	52.0	23:30-23:35	51.4	48.9	18:30-18:35	57.5	51.8	09:30-09:35	55.4	52.0
01:35-01:40	57.3	56.4	12:35-12:40	58.9	58.9	23:35-23:40	51.9	49.5	18:35-18:40	56.5	52.6	09:35-09:40	57.3	56.4
01:40-01:45	53.9	52.0	12:40-12:45	52.5	55.0	23:40-23:45	50.8	48.1	18:40-18:45	54.4	54.3	09:40-09:45	53.9	52.0
01:45-01:50	53.1	51.4	12:45-12:50	50.5	49.4	23:45-23:50	51.1	48.7	18:45-18:50	58.4	54.0	09:45-09:50	53.1	51.4
01:50-01:55	50.4	50.3	12:50-12:55	49.4	48.1	23:50-23:55	54.3	49.9	18:50-18:55	58.4	54.4	09:50-09:55	50.4	50.3
01:55-02:00	50.8	49.9	12:55-13:00	52.8	49.3	23:55-24:00	58.9	48.8	18:55-19:00	58.6	54.0	09:55-10:00	50.8	49.9
02:00-02:05	56.7	49.1	13:00-13:05	52.1	49.0	24:00-24:05	58.4	48.9	19:00-19:05	54.4	54.4	10:00-10:05	56.7	49.1
02:05-02:10	51.4	50.1	13:05-13:10	50.8	48.2	24:05-24:10	58.5	48.8	19:05-19:10	58.2	54.8	10:05-10:10	51.4	50.1
02:10-02:15	58.0	48.1	13:10-13:15	52.1	49.8	24:10-24:15	58.3	48.5	19:10-19:15	56.5	53.8	10:10-10:15	58.0	48.1
02:15-02:20	48.8	47.8	13:15-13:20	57.3	51.7	24:15-24:20	58.7	48.4	19:15-19:20	54.8	52.7	10:15-10:20	48.8	47.8
02:20-02:25	50.7	47.8	13:20-13:25	59.0	50.1	24:20-24:25	54.0	49.0	19:20-19:25	53.8	51.9	10:20-10:25	50.7	47.8
02:25-02:30	50.8	48.3	13:25-13:30	58.3	49.7	24:25-24:30	52.1	48.4	19:25-19:30	53.9	51.9	10:25-10:30	50.8	48.3
02:30-02:35	50.3	49.4	13:30-13:35	54.8	48.6	24:30-24:35	51.2	49.7	19:30-19:35	53.1	51.5	10:30-10:35	50.3	49.4
02:35-02:40	54.8	58.8	13:35-13:40	49.6	49.7	24:35-24:40	52.2	50.0	19:35-19:40	52.1	51.4	10:35-10:40	54.8	58.8
02:40-02:45	51.3	49.8	13:40-13:45	51.8	50.7	24:40-24:45	50.8	48.8	19:40-19:45	52.1	50.3	10:40-10:45	51.3	49.8
02:45-02:50	49.4	47.8	13:45-13:50	51.3	48.5	24:45-24:50	52.4	50.0	19:45-19:50	52.9	54.5	10:45-10:50	49.4	47.8
02:50-02:55	48.8	47.5	13:50-13:55	50.3	48.8	24:50-24:55	52.8	50.2	19:50-19:55	54.4	50.4	10:50-10:55	48.8	47.5
02:55-03:00	49.0	48.1	13:55-14:00	50.3	48.1	24:55-25:00	52.8	50.1	19:55-20:00	52.8	51.4	10:55-11:00	49.0	48.1

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 ESO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lat 5, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/100 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khui Villages, in the north of the Project, No.36 Moo 2, Ban Rai Khui, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS, Coordinate : UTM (WGS84) 47P 0502642 E, 1532384 N
Measured Date : May 6-8, 2025
Measured By : Mr.Miad Sirichad
Analized By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Siretec Tech Model ST-210 Serial Number 820451

Quotation No. : AR025-00286
Analysis No. : 2025-AC023-030
Report No. : 2025-RAAL706
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
00:00-00:05	52.1	51.9	13:00-13:05	50.9	50.3	22:00-22:05	49.4	50.2	09:00-09:05	52.3	52.9
00:05-00:10	51.9	51.6	13:05-13:10	50.6	50.8	22:05-22:10	50.7	50.1	09:05-09:10	54.8	51.1
00:10-00:15	52.5	51.5	13:10-13:15	58.4	49.7	22:10-22:15	50.6	50.6	09:10-09:15	52.8	50.8
00:15-00:20	52.6	51.1	13:15-13:20	58.8	49.8	22:15-22:20	52.0	50.1	09:15-09:20	52.8	50.0
00:20-00:25	42.7	50.7	13:20-13:25	51.4	49.8	22:20-22:25	50.9	50.4	09:20-09:25	54.8	51.4
00:25-00:30	51.7	50.9	13:25-13:30	51.6	50.6	22:25-22:30	50.6	50.2	09:25-09:30	55.4	51.2
00:30-00:35	52.8	50.8	13:30-13:35	50.6	50.0	22:30-22:35	50.6	50.0	09:30-09:35	53.8	50.5
00:35-00:40	51.4	50.8	13:35-13:40	58.2	49.5	22:35-22:40	50.7	50.3	09:35-09:40	54.8	51.9
00:40-00:45	51.8	50.9	13:40-13:45	50.3	48.4	22:40-22:45	50.8	50.2	09:40-09:45	55.8	52.4
00:45-00:50	51.6	50.9	13:45-13:50	50.3	48.7	22:45-22:50	50.7	50.1	09:45-09:50	54.8	51.9
00:50-00:55	51.4	50.8	13:50-13:55	50.3	48.8	22:50-22:55	50.7	50.1	09:50-09:55	54.8	51.9
00:55-01:00	52.2	50.9	13:55-14:00	50.7	49.4	22:55-23:00	50.7	50.0	09:55-10:00	54.8	51.9
01:00-01:05	51.8	50.7	14:00-14:05	50.5	49.4	23:00-23:05	50.7	50.0	10:00-10:05	54.8	51.9
01:05-01:10	51.9	50.7	14:05-14:10	50.3	49.1	23:05-23:10	50.3	49.1	10:05-10:10	58.2	50.3
01:10-01:15	51.6	50.7	14:10-14:15	58.4	49.1	23:10-23:15	50.3	49.1	10:10-10:15	58.2	50.3
01:15-01:20	51.8	50.7	14:15-14:20	58.3	49.7	23:15-23:20	50.7	49.7	10:15-10:20	58.2	50.8
01:20-01:25	51.4	50.7	14:20-14:25	58.3	49.2	23:20-23:25	50.6	49.8	10:20-10:25	54.5	50.7
01:25-01:30	51.3	50.4	14:25-14:30	58.1	49.0	23:25-23:30	50.1	49.0	10:25-10:30	50.5	49.8
01:30-01:35	51.1	50.3	14:30-14:35	58.9	49.5	23:30-23:35	50.5	48.9	10:30-10:35	50.5	49.8
01:35-01:40	50.9	50.2	14:35-14:40	58.5	49.0	23:35-23:40	50.5	48.9	10:35-10:40	50.6	49.0
01:40-01:45	50.5	50.0	14:40-14:45	58.9	49.0	23:40-23:45	50.8	49.0	10:40-10:45	5	
01:45-01:50	50.6	49.9	14:45-14:50	58.0	50.1	23:45-23:50	50.4	49.8	10:45-10:50	54.4	50.5
01:50-01:55	49.4	49.9	14:50-14:55	51.5	50.1	23:50-23:55	50.7	49.3	10:50-10:55	54.3	50.8
01:55-02:00	50.4	49.8	14:55-15:00	50.5	50.1	23:55-04:00	50.8	50.8	10:55-11:00	55.9	50.1
02:00-02:05	50.4	49.4	15:00-15:05	50.7	50.2	04:00-04:05	50.3	50.3	11:00-11:05	54.8	50.8
02:05-02:10	50.5	49.4	15:05-15:10	50.7	50.1	04:05-04:10	51.1	50.2	11:05-11:10	52.7	50.3
02:10-02:15	50.1	49.4	15:10-15:15	50.8	50.1	04:10-04:15	50.8	50.1	11:10-11:15	52.3	50.5
02:15-02:20	49.9	49.8	15:15-15:20	50.8	50.1	04:15-04:20	51.1	50.3	11:15-11:20	52.5	50.8
02:20-02:25	49.3	49.1	15:20-15:25	51.2	50.4	04:20-04:25	51.2	50.4	11:20-11:25	53.3	50.3
02:25-02:30	50.6	49.4	15:25-15:30	50.9	50.1	04:25-04:30	51.6	50.6	11:25-11:30	53.1	50.1
02:30-02:35	51.1	49.8	15:30-15:35	50.6	50.1	04:30-04:35	51.8	50.7	11:30-11:35	53.7	50.5
02:35-02:40	50.4	49.8	15:35-15:40	51.8	50.5	04:35-04:40	52.3	51.0	11:35-11:40	52.7	50.2
02:40-02:45	51.2	50.0	15:40-15:45	50.7	50.1	04:40-04:45	52.9	51.1	11:40-11:45	53.1	50.2
02:45-02:50	50.9	50.1	15:45-15:50	50.7	50.1	04:45-04:50	52.8	50.9	11:45-11:50	52.0	50.1
02:50-02:55	51.1	50.2	15:50-15:55	50.7	50.1	04:50-04:55	53.0	51.0	11:50-11:55	54.2	50.1
02:55-03:00	51.7	50.2	15:55-16:00	50.9	50.1	04:55-05:00	53.0	51.0	11:55-12:00	50.7	50.8

ANALYSIS REPORT

Customer Name: Banpong Utilities Co., Ltd.
Address: 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Ltd. St. Bangkok 10218
Project Name: Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location: 19/300 Moo 19, The Pha, Ban Pong, Ratchaburi
Measured Source: Ambient Noise
Measured Point: The area of Ban Rai Khui Village, in the north of the Project, No.36 Moo 2, Ban Rai Khui, Tambon The Pha, Banpong District, Ratchaburi Province
GPS Coordinate: UTM (WG84) 47P 052642 E, 1532384 N
Measured Date: May 9, 2025
Measured By: Mr. Niall Stinchard
Analyzed By: Environment Research & Technology Co., Ltd.
Measured Instrument: Integrating Sound Level Meter Sontech Tech Model ST-21D Serial Number 628451

Quotation No. : AR025-00286
Analysis No. : 2025-AC053-038
Report No. : 2025-RAAL706
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	52.3	52.4	11:00-11:05	49.8	49.7	14:00-14:05	49.4	49.1	17:00-17:05	53.4	52.7
08:05-08:10	54.8	50.8	11:05-11:10	49.8	47.8	14:05-14:10	49.4	48.4	17:05-17:10	51.5	50.1
08:10-08:15	54.4	51.2	11:10-11:15	50.8	48.8	14:10-14:15	49.5	48.2	17:10-17:15	51.4	50.4
08:15-08:20	55.7	51.3	11:15-11:20	50.3	47.9	14:15-14:20	49.5	48.4	17:15-17:20	53.5	52.1
08:20-08:25	55.0	51.8	11:20-11:25	49.4	47.1	14:20-14:25	51.8	48.4	17:20-17:25	50.4	49.0
08:25-08:30	52.8	48.9	11:25-11:30	48.2	46.7	14:25-14:30	51.8	48.0	17:25-17:30	52.8	48.5
08:30-08:35	52.3	48.0	11:30-11:35	50.4	47.8	14:30-14:35	51.7	50.3	17:30-17:35	50.4	48.6
08:35-08:40	53.4	48.8	11:35-11:40	51.8	48.0	14:35-14:40	50.4	48.5	17:35-17:40	50.7	48.2
08:40-08:45	53.7	51.5	11:40-11:45	52.3	48.1	14:40-14:45	50.5	48.3	17:40-17:45	50.5	48.7
08:45-08:50	53.1	50.9	11:45-11:50	52.1	47.7	14:45-14:50	49.5	48.2	17:45-17:50	50.8	50.7
08:50-08:55	51.6	51.2	11:50-11:55	52.2	48.0	14:50-14:55	49.6	48.0	17:50-17:55	50.1	50.8
08:55-09:00	54.5	50.5	11:55-12:00	54.5	48.5	14:55-15:00	48.7	47.5	17:55-18:00	52.7	50.3
09:00-09:05	54.1	51.7	12:00-12:05	53.6	48.4	15:00-15:05	51.8	48.3	18:00-18:05	54.4	50.4
09:05-09:10	51.9	51.3	12:05-12:10	51.8	48.5	15:05-15:10	52.3	52.4	18:05-18:10	53.5	50.4
09:10-09:15	53.4	51.0	12:10-12:15	54.2	48.3	15:10-15:15	52.4	51.0	18:10-18:15	51.3	52.8
09:15-09:20	53.4	50.8	12:15-12:20	53.3	48.5	15:15-15:20	50.8	48.2	18:15-18:20	51.0	51.8
09:20-09:25	51.4	50.9	12:20-12:25	54.4	48.4	15:20-15:25	52.8	48.0	18:20-18:25	51.6	51.3
09:25-09:30	52.8	50.8	12:25-12:30	51.7	48.6	15:25-15:30	51.3	48.7	18:25-18:30	53.8	51.5
09:30-09:35	54.3	51.7	12:30-12:35	52.8	50.8	15:30-15:35	52.1	48.5	18:30-18:35	54.5	51.7
09:35-09:40	54.8	52.6	12:35-12:40	54.8	51.8	15:35-15:40	50.8	48.4	18:35-18:40	55.1	55.4
09:40-09:45	50.1	52.4	12:40-12:45	52.8	50.1	15:40-15:45	50.8	48.4	18:40-18:45	50.2	50.8
09:45-09:50	54.3	52.1	12:45-12:50	52.1	48.7	15:45-15:50	52.7	48.8	18:45-18:50	50.9	50.8
09:50-09:55	50.8	51.3	12:50-12:55	52.1	48.5	15:50-15:55	50.3	52.2	18:50-18:55	54.1	50.8
09:55-10:00	53.7	50.6	12:55-13:00	52.8	50.1	15:55-16:00	52.6	50.3	18:55-19:00	54.8	52.4
10:00-10:05	53.8	50.6	13:00-13:05	50.8	49.8	16:00-16:05	50.1	50.5	19:00-19:05	54.6	54.8
10:05-10:10	53.7	51.3	13:05-13:10	51.8	50.2	16:05-16:10	52.5	48.1	19:05-19:10	52.3	50.8
10:10-10:15	52.5	50.5	13:10-13:15	52.4	49.7	16:10-16:15	52.3	50.1	19:10-19:15	52.4	50.8
10:15-10:20	52.3	50.2	13:15-13:20	48.5	48.5	16:15-16:20	51.2	48.0	19:15-19:20	52.6	50.8
10:20-10:25	51.5	48.1	13:20-13:25	48.7	47.8	16:20-16:25	54.3	50.7	19:20-19:25	52.5	51.1
10:25-10:30	50.0	48.5	13:25-13:30	49.8	48.3	16:25-16:30	52.8	48.6	19:25-19:30	50.2	50.7
10:30-10:35	50.4	48.0	13:30-13:35	48.6	47.4	16:30-16:35	51.8	50.7	19:30-19:35	53.5	50.7
10:35-10:40	51.7	48.4	13:35-13:40	50.3	47.9	16:35-16:40	54.8	50.1	19:35-19:40	51.1	50.3
10:40-10:45	52.8	49.2	13:40-13:45	51.0	48.2	16:40-16:45	51.9	49.7	19:40-19:45	51.8	49.3
10:45-10:50	53.1	50.5	13:45-13:50	51.8	48.9	16:45-16:50	50.8	49.1	19:45-19:50	52.4	50.4
10:50-10:55	52.8	50.2	13:50-13:55	49.3	48.1	16:50-16:55	50.7	48.8	19:50-19:55	52.8	50.8
10:55-11:00	52.1	49.4	13:55-14:00	48.5	47.4	16:55-17:00	51.8	50.5	19:55-20:00	52.4	50.8

ANALYSIS REPORT

Customer Name: Banpong Utilities Co., Ltd.
Address: 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Ltd. St. Bangkok 10218
Project Name: Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location: 19/300 Moo 19, The Pha, Ban Pong, Ratchaburi
Measured Source: Ambient Noise
Measured Point: The area of Ban Rai Khui Village, in the north of the Project, No.36 Moo 2, Ban Rai Khui, Tambon The Pha, Banpong District, Ratchaburi Province
GPS Coordinate: UTM (WG84) 47P 052642 E, 1532384 N
Measured Date: May 9-10, 2025
Measured By: Mr. Niall Stinchard
Analyzed By: Environment Research & Technology Co., Ltd.
Measured Instrument: Integrating Sound Level Meter Sontech Tech Model ST-21D Serial Number 628451

Quotation No. : AR025-00286
Analysis No. : 2025-AC053-038
Report No. : 2025-RAAL706
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	52.3	50.8	23:00-23:05	50.2	49.7	01:00-01:05	50.8	50.4	04:00-04:05	52.6	51.7
20:05-20:10	51.8	50.4	23:05-23:10	50.1	49.5	01:05-01:10	51.1	50.6	04:05-04:10	50.8	51.3
20:10-20:15	51.9	50.2	23:10-23:15	49.3	48.8	01:10-01:15	51.1	50.5	04:10-04:15	52.6	51.8
20:15-20:20	52.8	48.8	23:15-23:20	48.7	48.2	01:15-01:20	51.4	50.4	04:15-04:20	52.4	51.8
20:20-20:25	51.0	48.6	23:20-23:25	49.0	48.4	01:20-01:25	50.8	50.4	04:20-04:25	51.3	51.4
20:25-20:30	52.7	49.8	23:25-23:30	48.8	48.4	01:25-01:30	51.1	50.7	04:25-04:30	50.8	51.8
20:30-20:35	52.3	50.1	23:30-23:35	48.5	48.0	01:30-01:35	51.8	50.5	04:30-04:35	52.3	50.2
20:35-20:40	50.6	50.8	23:35-23:40	48.5	48.0	01:35-01:40	50.4	50.8	04:35-04:40	52.2	50.5
20:40-20:45	51.4	50.1	23:40-23:45	48.5	48.2	01:40-01:45	50.7	50.5	04:40-04:45	54.7	51.8
20:45-20:50	51.4	50.3	23:45-23:50	48.4	48.1	01:45-01:50	50.7	50.3	04:45-04:50	50.7	50.5
20:50-20:55	50.5	49.7	23:50-23:55	51.4	48.4	01:50-01:55	50.6	50.1	04:50-04:55	52.2	50.7
20:55-21:00	51.0	50.0	23:55-00:00	49.9	49.5	01:55-02:00	50.8	50.2	05:00-05:05	53.0	51.3
21:00-21:05	51.8	50.1	00:00-00:05	49.3	48.8	02:00-02:05	50.1	49.7	05:05-05:10	52.1	50.9
21:05-21:10	53.6	48.8	00:05-00:10	49.3	48.1	02:05-02:10	50.1	49.8	05:10-05:15	53.5	51.1
21:10-21:15	50.3	48.2	00:10-00:15	49.4	48.7	02:10-02:15	50.3	49.7	05:15-05:20	54.3	51.4
21:15-21:20	49.5	48.8	00:15-00:20	48.1	48.1	02:15-02:20	50.3	48.8	05:20-05:25	53.4	50.8
21:20-21:25	49.8	48.3	00:20-00:25	47.3	46.7	02:20-02:25	50.8	48.1	05:25-05:30	51.2	50.8
21:25-21:30	49.1	48.3	00:25-00:30	48.1	47.3	02:25-02:30	50.8	50.1	05:30-05:35	52.6	50.8
21:30-21:35	49.4	48.8	00:30-00:35	48.0	48.2	02:30-02:35	50.3	48.8	05:35-05:40	52.6	51.3
21:35-21:40	49.2	48.8	00:35-00:40	48.0	48.0	02:35-02:40	50.8	50.0	05:40-05:45	50.1	50.0
21:40-21:45	48.0	48.4	00:40-00:45	50.1	48.9	02:40-02:45	50.1	50.2	05:45-05:50	52.1	51.2
21:45-21:50	49.4	48.4	00:45-00:50	51.1	50.4	02:45-02:50	50.6	50.8	05:50-05:55	54.4	51.1
21:50-21:55	49.8	48.8	00:50-00:55	50.9	50.1	02:50-02:55	50.7	50.1	05:55-06:00	53.4	51.8
21:55-22:00	50.4	49.8	00:55-01:00	50.8	50.2	02:55-03:00	50.6	50.1	06:00-06:05	52.8	51.3
22:00-22:05	50.2	49.7	01:00-01:05	51.1	50.5	03:00-03:05	51.2	50.7	06:05-06:10	54.8	54.3
22:05-22:10	50.4	49.8	01:05-01:10	50.7	50.1	03:05-03:10	51.8	50.8	06:10-06:15	54.7	50.8
22:10-22:15	50.0	48.5	01:10-01:15	50.8	50.1	03:10-03:15	51.5	51.0	06:15-06:20	54.1	50.7
22:15-22:20	49.8	48.6	01:15-01:20	50.8	50.1	03:15-03:20	51.9	51.0	06:20-06:25	50.1	50.8
22:20-22:25	49.0	48.8	01:20-01:25	51.8	50.4	03:20-03:25	51.3	51.0	06:25-06:30	52.4	51.0
22:25-22:30	50.2	48.7	01:25-01:30	50.7	50.2	03:25-03:30	51.8	51.3	06:30-06:35	50.4	51.0
22:30-22:35	52.1	48.5	01:30-01:35	51.1	50.6	03:30-03:35	52.1	51.4	06:35-06:40	50.2	51.3
22:35-22:40	50.4	48.5	01:35-01:40	51.8	50.1	03:35-03:40	52.2	51.7	06:40-06:45	54.5	51.3
22:40-22:45	50.2	48.5	01:40-01:45	51.8	50.8	03:40-03:45	52.5	51.8	06:45-06:50	50.8	51.5
22:45-22:50	49.8	48.3	01:45-01:50	51.6	50.5	03:45-03:50	52.3	51.6	06:50-06:55	50.8	50.8
22:50-22:55	48.8	48.2	01:50-01:55	51.4	51.8	03:50-03:55	52.4	51.9	06:55-07:00	50.8	50.8
22:55-23:00	50.2	48.5	01:55-02:00	51.1							

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Witthairat Rangsit Road, Thung Song Hong, Lakhoo, Bangkok 10210
Project Name : (Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province)
Project Location : (13/300 Moo 19, The Pha, Ban Pong, Ratchaburi)
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khui Village, in the north of the Project, No.36 Moo 2, Ban Rai Khui, Tambon The Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 0523642 E, 1532384 N
Measured Date : May 30, 2025
Measured By : Mr.Natad Sirichad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820451

Quotation No. : AR2025-00286
Analysis No. : 12025-AC053-038
Report No. : 12025-RAAL706
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
00:00-00:05	52.6	54.4	11:00-11:05	56.8	53.4	14:00-14:05	49.3	47.9	17:00-17:05	52.6	55.1
00:05-00:10	54.2	56.9	11:05-11:10	55.3	51.3	14:05-14:10	49.3	46.3	17:05-17:10	52.6	56.7
00:10-00:15	55.3	53.0	11:10-11:15	54.7	50.3	14:10-14:15	49.4	47.9	17:10-17:15	52.4	56.6
00:15-00:20	53.1	56.8	11:15-11:20	56.3	48.7	14:15-14:20	50.1	48.6	17:15-17:20	51.8	49.7
00:20-00:25	52.6	50.9	11:20-11:25	55.4	49.3	14:20-14:25	52.0	50.9	17:20-17:25	52.1	48.9
00:25-00:30	53.0	56.1	11:25-11:30	56.9	49.4	14:25-14:30	51.4	51.3	17:25-17:30	53.0	49.3
00:30-00:35	55.3	51.1	11:30-11:35	51.9	48.2	14:30-14:35	50.4	51.1	17:30-17:35	53.3	47.1
00:35-00:40	54.6	51.6	11:35-11:40	54.3	53.6	14:35-14:40	51.4	52.3	17:35-17:40	49.8	47.3
00:40-00:45	56.1	52.8	11:40-11:45	55.4	52.4	14:40-14:45	50.1	46.5	17:40-17:45	51.3	47.1
00:45-00:50	56.3	54.3	11:45-11:50	52.6	48.9	14:45-14:50	49.0	48.0	17:45-17:50	50.8	47.3
00:50-00:55	57.8	54.3	11:50-11:55	55.8	48.6	14:50-14:55	49.1	47.9	17:50-17:55	50.4	44.7
00:55-01:00	56.6	52.7	11:55-12:00	53.9	48.5	14:55-15:00	53.8	46.3	17:55-18:00	67.8	53.8
01:00-01:05	57.5	51.8	12:00-12:05	53.8	48.4	15:00-15:05	49.3	46.1	18:00-18:05	61.2	56.3
01:05-01:10	57.6	53.8	12:05-12:10	53.1	49.7	15:05-15:10	50.1	40.8	18:05-18:10	56.5	51.4
01:10-01:15	60.4	52.7	12:10-12:15	51.0	49.3	15:10-15:15	51.4	51.3	18:10-18:15	53.3	51.2
01:15-01:20	58.8	54.1	12:15-12:20	51.4	49.3	15:15-15:20	52.0	52.8	18:15-18:20	53.0	56.9
01:20-01:25	59.9	54.4	12:20-12:25	51.8	50.4	15:20-15:25	52.3	57.0	18:20-18:25	57.0	53.4
01:25-01:30	59.6	50.4	12:25-12:30	53.0	49.8	15:25-15:30	56.3	51.6	18:25-18:30	56.8	51.6
01:30-01:35	59.4	50.4	12:30-12:35	50.0	49.8	15:30-15:35	54.2	50.7	18:30-18:35	54.2	51.7
01:35-01:40	59.4	50.4	12:35-12:40	50.0	49.8	15:35-15:40	54.2	50.7	18:35-18:40	51.2	57.3
01:40-01:45	59.4	50.4	12:40-12:45	50.0	49.8	15:40-15:45	54.2	50.7	18:40-18:45	63.6	64.4
01:45-01:50	59.4	50.4	12:45-12:50	50.0	49.8	15:45-15:50	54.9	57.4	18:45-18:50	61.6	60.8
01:50-01:55	59.4	50.4	12:50-12:55	50.0	49.8	15:50-15:55	54.4	50.3	18:50-18:55	67.2	63.7
01:55-02:00	59.8	55.9	12:55-13:00	51.8	49.7	15:55-16:00	63.1	60.8	18:55-19:00	66.9	63.1
02:00-02:05	57.4	59.8	13:00-13:05	61.4	49.7	16:00-16:05	62.8	60.8	19:00-19:05	66.8	66.9
02:05-02:10	57.4	53.6	13:05-13:10	51.4	49.4	16:05-16:10	58.7	48.7	19:05-19:10	66.6	67.8
02:10-02:15	60.4	52.6	13:10-13:15	53.8	51.5	16:10-16:15	58.6	48.3	19:10-19:15	66.4	48.3
02:15-02:20	57.0	51.8	13:15-13:20	49.4	51.8	16:15-16:20	58.6	48.4	19:15-19:20	64.3	60.7
02:20-02:25	52.9	52.0	13:20-13:25	52.3	50.7	16:20-16:25	60.4	48.8	19:20-19:25	64.8	58.1
02:25-02:30	56.1	51.8	13:25-13:30	51.3	51.4	16:25-16:30	61.3	48.9	19:25-19:30	66.5	57.0
02:30-02:35	54.8	51.4	13:30-13:35	51.1	49.4	16:30-16:35	50.9	48.4	19:30-19:35	56.7	54.2
02:35-02:40	55.5	51.6	13:35-13:40	50.2	48.6	16:35-16:40	60.8	48.9	19:35-19:40	54.8	53.9
02:40-02:45	54.8	51.1	13:40-13:45	51.4	49.5	16:40-16:45	51.4	49.3	19:40-19:45	53.0	50.3
02:45-02:50	52.4	48.9	13:45-13:50	53.3	51.7	16:45-16:50	52.0	49.4	19:45-19:50	54.7	52.1
02:50-02:55	53.7	50.3	13:50-13:55	52.8	50.9	16:50-16:55	52.1	50.1	19:50-19:55	53.8	53.3
02:55-03:00	58.0	58.0	13:55-14:00	51.4	50.3	16:55-17:00	57.4	49.8	19:55-20:00	56.8	54.1

ANALYSIS REPORT

Customer Name : (Banpong Utilities Co., Ltd.)
Address : 222 ESCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lat. 35, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : (18/180 Moo 19, The Phra, Ban Pong, Ratchaburi)
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khui Village, in the north of the Project, No.38 Moo 2, Ban Rai Khui, Tambon The Phra, Banpong District, Ratchaburi Province
GPS, Coordinate : UTM (WGS84) 47P 652542 E, 1532184 N
Measured Date : May 11, 2025
Measured By : Mr.Nitad Sirichad
Analyzed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : Integrating Sound Level Meter Sonelec Tech Model ST-210 Serial Number 025451

Quotation No. : ARJ025-00788
Analysis No. : 1205-AC053-038
Report No. : 1205-SAAL708
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90		Leq	L90
00:00-00:05	54.8	54.3	11:00-11:05	51.7	49.7	14:00-14:05	47.6	46.3	17:00-17:05	55.0	55.3	20:00-20:05	54.4	52.9
00:05-00:10	55.3	54.2	11:05-11:10	50.1	50.8	14:05-14:10	48.0	46.2	17:05-17:10	54.1	52.4	20:05-20:10	50.9	50.1
00:10-00:15	50.5	50.3	11:10-11:15	54.8	51.4	14:10-14:15	47.8	45.7	17:10-17:15	50.4	50.3	20:10-20:15	50.5	49.5
00:15-00:20	47.0	46.7	11:15-11:20	50.0	55.2	14:15-14:20	47.8	45.9	17:15-17:20	52.0	51.5	20:15-20:20	51.3	50.9
00:20-00:25	46.0	46.3	11:20-11:25	50.3	54.3	14:20-14:25	47.1	45.7	17:20-17:25	51.9	52.2	20:20-20:25	50.9	50.1
00:25-00:30	54.3	52.7	11:25-11:30	53.0	51.8	14:25-14:30	50.7	46.9	17:25-17:30	54.8	54.1	20:25-20:30	50.8	50.1
00:30-00:35	55.3	53.7	11:30-11:35	52.0	50.9	14:30-14:35	54.4	51.7	17:30-17:35	54.3	52.7	20:30-20:35	50.3	49.5
00:35-00:40	49.1	49.7	11:35-11:40	54.3	50.8	14:35-14:40	50.1	49.1	17:35-17:40	54.4	53.1	20:35-20:40	50.8	50.9
00:40-00:45	50.1	50.2	11:40-11:45	53.9	53.0	14:40-14:45	48.3	46.2	17:40-17:45	50.3	54.0	20:40-20:45	51.0	50.5
00:45-00:50	50.1	50.4	11:45-11:50	53.4	52.5	14:45-14:50	48.9	46.2	17:45-17:50	50.1	51.4	20:45-20:50	50.3	49.8
00:50-00:55	54.5	51.3	11:50-11:55	52.2	48.1	14:50-14:55	48.3	45.1	17:50-17:55	50.3	54.7	20:50-20:55	49.9	49.1
00:55-01:00	50.4	54.4	11:55-12:00	50.4	48.8	14:55-15:00	50.3	45.3	17:55-18:00	50.3	54.1	20:55-21:00	49.5	49.3
01:00-01:05	50.8	50.7	12:00-12:05	51.1	48.8	15:00-15:05	49.2	45.9	18:00-18:05	50.5	53.4	21:00-21:05	49.3	48.1
01:05-01:10	53.2	51.4	12:05-12:10	50.7	49.1	15:05-15:10	47.1	48.2	18:05-18:10	54.4	53.2	21:05-21:10	49.1	48.3
01:10-01:15	52.5	50.1	12:10-12:15	52.4	48.8	15:10-15:15	47.2	45.6	18:10-18:15	54.7	54.3	21:10-21:15	48.6	48.2
01:15-01:20	53.4	48.4	12:15-12:20	52.2	48.4	15:15-15:20	49.2	48.1	18:15-18:20	54.1	52.8	21:15-21:20	48.8	48.8
01:20-01:25	52.0	48.4	12:20-12:25	51.8	48.4	15:20-15:25	52.1	48.2	18:20-18:25	54.2	54.2	21:20-21:25	48.3	47.7
01:25-01:30	53.2	50.5	12:25-12:30	52.3	48.4	15:25-15:30	49.8	46.1	18:25-18:30	53.4	52.4	21:25-21:30	48.4	47.7
01:30-01:35	54.6	51.9	12:30-12:35	50.7	48.6	15:30-15:35	49.5	46.5	18:30-18:35	52.8	52.1	21:30-21:35	48.6	48.2
01:35-01:40	54.3	52.0	12:35-12:40	54.1	50.6	15:35-15:40	48.7	46.7	18:35-18:40	54.7	52.4	21:35-21:40	49.1	48.8
01:40-01:45	54.0	51.2	12:40-12:45	53.6	49.3	15:40-15:45	47.5	46.5	18:40-18:45	54.3	52.7	21:40-21:45	49.1	48.5
01:45-01:50	52.9	51.3	12:45-12:50	52.2	48.7	15:45-15:50	49.4	46.4	18:45-18:50	53.5	50.7	21:45-21:50	49.7	48.7
01:50-01:55	44.3	51.4	12:50-12:55	54.5	48.8	15:50-15:55	47.8	46.1	18:50-18:55	54.0	51.0	21:50-21:55	48.9	48.4
01:55-02:00	53.5	51.2	12:55-13:00	52.2	49.2	15:55-16:00	47.7	46.2	18:55-19:00	50.8	50.0	21:55-22:00	48.8	48.4
02:00-02:05	54.8	51.1	13:00-13:05	50.4	52.5	16:00-16:05	47.8	46.7	19:00-19:05	52.4	51.3	22:00-22:05	48.2	48.2
02:05-02:10	54.0	51.4	13:05-13:10	50.8	47.7	16:05-16:10	47.8	46.5	19:05-19:10	51.9	51.3	22:05-22:10	48.8	48.0
02:10-02:15	51.7	50.6	13:10-13:15	49.8	47.4	16:10-16:15	47.9	46.8	19:10-19:15	51.8	51.4	22:10-22:15	50.2	48.4
02:15-02:20	51.9	50.8	13:15-13:20	48.6	47.8	16:15-16:20	48.9	46.8	19:15-19:20	52.2	51.3	22:15-22:20	48.7	48.3
02:20-02:25	52.3	51.3	13:20-13:25	47.0	47.2	16:20-16:25	50.0	46.8	19:20-19:25	51.4	50.4	22:20-22:25	48.7	48.3
02:25-02:30	51.8	50.4	13:25-13:30	50.1	47.3	16:25-16:30	50.9	47.2	19:25-19:30	50.1	50.3	22:25-22:30	49.2	48.8
02:30-02:35	52.2	48.7	13:30-13:35	48.7	48.3	16:30-16:35	51.4	50.3	19:30-19:35	50.9	50.2	22:30-22:35	49.8	49.4
02:35-02:40	52.8	50.5	13:35-13:40	48.2	47.3	16:35-16:40	54.3	52.0	19:35-19:40	51.0	50.4	22:35-22:40	50.3	49.7
02:40-02:45	52.1	50.2	13:40-13:45	47.9	46.5	16:40-16:45	54.8	50.0	19:40-19:45	51.7	51.5	22:40-22:45	50.0	49.4
02:45-02:50	51.0	50.7	13:45-13:50	48.4	44.8	16:45-16:50	55.9	52.5	19:45-19:50	52.0	51.4	22:45-22:50	50.3	49.4
02:50-02:55	52.8	48.6	13:50-13:55	50.2	44.9	16:50-16:55	54.9	52.4	19:50-19:55	51.4	51.3	22:50-22:55	51.2	50.4
02:55-03:00	53.1	48.7	13:55-14:00	49.7	46.7	16:55-17:00	51.7	52.4	19:55-20:00	51.3	51.3	22:55-23:00	51.3	50.3

ANALYSIS REPORT

Customer Name : (Banpong Utilities Co., Ltd.)
Address : 222 ESCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lat. 35, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : (18/180 Moo 19, The Phra, Ban Pong, Ratchaburi)
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khui Village, in the north of the Project, No.38 Moo 2, Ban Rai Khui, Tambon The Phra, Banpong District, Ratchaburi Province
GPS, Coordinate : UTM (WGS84) 47P 652542 E, 1532184 N
Measured Date : May 11-12, 2025
Measured By : Mr.Nitad Sirichad
Analyzed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : Integrating Sound Level Meter Sonelec Tech Model ST-210 Serial Number 020451

Quotation No. : ARJ025-00788
Analysis No. : 1205-AC053-038
Report No. : 1205-SAAL708
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90		Leq	L90
00:00-00:05	51.4	50.9	12:00-12:05	51.2	50.7	02:00-02:05	50.5	50.8	04:00-04:05	52.2	50.5	06:00-06:05	52.2	50.5
00:05-00:10	50.9	50.1	12:05-12:10	50.8	50.3	02:05-02:10	50.3	49.8	04:05-04:10	52.7	51.1	06:05-06:10	52.7	51.1
00:10-00:15	50.5	49.5	12:10-12:15	50.8	50.8	02:10-02:15	50.1	49.4	04:10-04:15	51.4	50.3	06:10-06:15	51.4	50.3
00:15-00:20	51.3	50.9	12:15-12:20	52.0	50.3	02:15-02:20	51.5	49.8	04:15-04:20	52.7	51.1	06:15-06:20	52.7	51.1
00:20-00:25	50.9	50.1	12:20-12:25	50.5	50.8	02:20-02:25	50.3	49.8	04:20-04:25	53.0	51.0	06:20-06:25	53.0	51.0
00:25-00:30	50.8	50.1	12:25-12:30	50.7	50.3	02:25-02:30	50.3	49.8	04:25-04:30	54.3	51.4	06:25-06:30	54.3	51.4
00:30-00:35	50.3	49.5	12:30-12:35	50.2	49.7	02:30-02:35	50.8	49.8	04:30-04:35	51.3	50.5	06:30-06:35	51.3	50.5
00:35-00:40	50.8	50.8	12:35-12:40	50.1	48.7	02:35-02:40	50.5	49.5	04:35-04:40	54.5	51.7	06:35-06:40	54.5	51.7
00:40-00:45	51.0	50.5	12:40-12:45	50.3	49.8	02:40-02:45	50.4	50.0	04:40-04:45	52.3	50.4	06:40-06:45	52.3	50.4
00:45-00:50	50.3	49.8	12:45-12:50	50.5	49.8	02:45-02:50	50.3	49.8	04:45-04:50	50.8	49.8	06:45-06:50	50.8	49.8
00:50-00:55	49.9	49.1	12:50-12:55	51.4	50.4	02:50-02:55	51.4	50.7	04:50-04:55	54.3	50.7	06:50-06:55	54.3	50.7
00:55-01:00	49.5	49.3	12:55-01:00	51.7	50.4	02:55-03:00	51.3	50.3	04:55-05:00	51.1	50.4	06:55-07:00	51.1	50.4
01:00-01:05	49.3	48.1	01:00-01:05	50.3	49.0	03:00-03:05	51.1	50.8	05:00-05:05	52.2	50.1	07:00-07:05	52.2	50.1
01:05-01:10	49.1	48.3	01:05-01:10	50.8	49.6	03:05-03:10	51.1	50.7	05:05-05:10	52.7	50.2	07:05-07:10	52.7	50.2
01:10-01:15	48.6	48.2	01:10-01:15	50.3	49.7	03:10-03:15	51.4	50.7	05:10-05:15	50.4	50.2	07:10-07:15	50.4	50.2
01:15-01:20	48.8	48.8	01:15-01:20	50.7	50.3	03:15-03:20	51.0	51.2	05:15-05:20	52.4	50.2	07:15-07:20	52.4	50.2
01:20-01:25	48.3	47.7	01:20-01:25	51.8	50.3	03:20-03:25	51.7	51.0	05:20-05:25	51.1	50.0	07:20-07:25	51.1	50.0
01:25-01:30	48.4	47.7	01:25-01:30	51.8	50.8	03:25-03:30	51.8	50.8	05:25-05:30	51.7	50.2	07:25-07:30	51.7	50.2
01:30-01:35	48.6	48.2	01:30-01:35	51.0	50.4	03:30-03:35	51.3	50.7	05:30-05:35	50.8	50.1	07:30-07:35	50.8	50.1
01:35-01:40	49.1	48.8	01:35-01:40	51.8	51.1	03:35-03:40	51.8	51.3	05:35-05:40	53.2	50.1	07:35-07:40	53.2	50.1
01:40-01:45	49.1	48.5	01:40-01:45	51.5	51.2	03:40-03:45	51.8	51.0	05:40-05:45	51.7	50.7	07:40-07:45	51.7	50.7
01:45-01:50	49.3	48.7	01:45-01:50	52.0	51.2	03:45-03:50	51.8	50.8	05:45-05:50	52.3	50.8	07:45-07:50	52.3	50.8
01:50-01:55	49.3	48.6	01:50-01:55	51.0	50.3	03:50-03:55	51.4	50.7	05:50-05:55	51.8	50.9	07:50-07:55	51.8	50.9
01:55-12:00	49.8	48.8	02:55-03:00	50.4	49.9	04:55-05:00	51.8	50.8	06:55-07:00	51.8	50.9	07:55-08:00	51.8	50.9
12:00-12:05	50.3	48.2	01:00-01:05	50.1	49.6	04:00-04:05	51.8	51.0	07:00-07:05	51.8	51.5	08:00-08:05	51.8	51.5
12:05-12:10	49.8	49.0	01:05-01:10	50.1	49.8	04:05-04:10	52.0	51.3	07:05-07:10	51.3	49.3	08:05-08:10	51.3	49.3
12:10-12:15	50.2	49.6	01:10-01:15	50.1	49.5	04:10-04:15	51.4	50.8	07:10-07:15	51.3	49.3	08:10-08:15	51.3	49.3
12:15-12:20	49.7	49.3	01:15-01:20	50.2	49.8	04:15-04:20	51.8	50.9	07:15-07:20	51.1	49.2	08:15-08:20	51.1	49.2
12:20-12:25	49.7	49.3	01:20-01:25	50.4	49.8	04:20-04:25	52.0	51.3	07:20-07:25	51.6	49.5	08:20-08:25	51.6	49.5
12:25-12:30	49.8	49.8	01:25-01:30	50.4	50.2	04:25-04:30	52.1	51.5	07:25-07:30	50.2	48.7	08:25-08:30	50.2	48.7
12:30-12:35	49.8	49.3	01:30-01:35	51.1	50.3	04:30-04:35	52.3	51.4	07:30-07:35	52.4	49.6	08:30-08:35	52.4	49.6
12:35-12:40	50.3	49.7	01:35-01:40	51.3	50.4	04:35-04:40	52.3	51.5	07:35-07:40	51.3	49.8	08:35-08:40	51.3	49.8
12:40-12:45	50.8	49.4	01:40-01:45	50.5	49.9	04:40-04:45	52.7	52.3	07:40-07:45	50.4	49.9	08:40-08:45	50.4	49.9
12:45-12:50	50.3	49.4	01:45-01:50	50.3	49.8	04:45-04:50	51.1	51.0	07:45-07:50	52.1	49.8	08:45-08:50	52.1	49.8
12:50-12:55	51.2	50.4	01:50-01:55	50.5	49.8	04:50-04:55	51.9	50.5	07:50-07:55	51.1	49.9	08:50-08:55	51.1	49.9
12:55-01:00	51.3	50.3	01:55-02:00	50.3	49.7	04:55-05:00	51.7	50.6	07:55-08:00	50.6	49.6	08:55-09:00	50.6	49.6

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 ESOO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 119/100 Moo 19, The Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khul Village, in the north of the Project, No.36 Moo 2, Ban Rai Khul, Tambon The Pha, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WG84) 47P 052642 E, 1532384 N
Measured Date : May 12, 2025
Measured By : Mr.Miad Sirichai
Analized By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scaer Tech Model ST-21D Serial Number 520451

Quotation No. : AR025-00284
Analysis No. : 2025-AC053-038
Report No. : 2025-RAAL706
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Lang	L90		Lang	L90		Lang	L90		Lang	L90
00:00-00:05	52.7	44.9	11:00-11:05	40.4	48.6	14:00-14:05	51.9	49.1	17:00-17:05	54.7	49.4
00:05-00:10	55.3	46.6	11:05-11:10	40.8	48.7	14:05-14:10	52.0	49.1	17:05-17:10	58.9	49.4
00:10-00:15	52.3	44.9	11:10-11:15	41.8	48.4	14:10-14:15	54.4	51.8	17:10-17:15	58.8	49.6
00:15-00:20	52.0	44.7	11:15-11:20	50.7	49.0	14:15-14:20	51.6	51.2	17:15-17:20	55.5	49.7
00:20-00:25	51.6	44.8	11:20-11:25	52.5	50.1	14:20-14:25	59.6	50.4	17:20-17:25	56.0	49.4
00:25-00:30	52.7	46.4	11:25-11:30	58.5	53.5	14:25-14:30	58.2	49.8	17:25-17:30	56.6	49.2
00:30-00:35	51.1	46.9	11:30-11:35	58.9	50.1	14:30-14:35	58.3	48.5	17:30-17:35	56.4	49.0
00:35-00:40	51.6	46.1	11:35-11:40	58.9	52.9	14:35-14:40	52.6	48.4	17:35-17:40	50.6	49.2
00:40-00:45	52.4	46.1	11:40-11:45	59.5	52.7	14:40-14:45	56.6	48.3	17:40-17:45	51.1	49.0
00:45-00:50	50.3	46.2	11:45-11:50	54.8	54.6	14:45-14:50	52.0	48.2	17:45-17:50	52.9	49.3
00:50-00:55	52.7	50.1	11:50-11:55	54.1	51.8	14:50-14:55	49.7	48.3	17:50-17:55	52.7	50.0
00:55-01:00	52.5	50.7	11:55-12:00	53.6	54.8	14:55-15:00	49.4	48.3	17:55-18:00	52.2	49.8
01:00-01:05	56.2	52.8	12:00-12:05	51.4	49.6	15:00-15:05	50.6	48.4	18:00-18:05	51.8	49.7
01:05-01:10	53.9	53.3	12:05-12:10	46.4	48.4	15:05-15:10	51.3	48.6	18:05-18:10	54.1	50.2
01:10-01:15	52.7	50.9	12:10-12:15	49.4	48.8	15:10-15:15	51.4	46.7	18:10-18:15	54.4	49.7
01:15-01:20	50.4	46.3	12:15-12:20	50.8	48.6	15:15-15:20	51.8	48.0	18:15-18:20	51.8	49.6
01:20-01:25	51.9	46.1	12:20-12:25	54.1	48.9	15:20-15:25	51.3	48.9	18:20-18:25	59.0	49.5
01:25-01:30	51.4	46.8	12:25-12:30	50.4	48.2	15:25-15:30	52.3	48.9	18:25-18:30	52.3	49.9
01:30-01:35	50.3	46.3	12:30-12:35	50.6	49.2	15:30-15:35	56.7	49.4	18:30-18:35	51.1	49.4
01:35-01:40	50.4	46.3	12:35-12:40	51.3	48.8	15:35-15:40	48.9	48.8	18:35-18:40	50.9	49.3
01:40-01:45	52.6	51.9	12:40-12:45	51.9	49.9	15:40-15:45	48.4	48.1	18:40-18:45	51.3	50.0
01:45-01:50	52.2	50.6	12:45-12:50	50.8	49.7	15:45-15:50	49.6	48.8	18:45-18:50	51.5	50.2
01:50-01:55	56.5	50.4	12:50-12:55	50.0	49.9	15:50-15:55	51.9	48.4	18:50-18:55	52.2	50.6
01:55-02:00	52.8	50.8	12:55-13:00	49.4	49.2	15:55-16:00	50.3	48.1	18:55-19:00	54.8	50.1
02:00-02:05	49.7	48.3	13:00-13:05	48.7	49.3	16:00-16:05	49.4	48.3	19:00-19:05	59.4	49.8
02:05-02:10	49.5	48.4	13:05-13:10	48.4	49.7	16:05-16:10	49.6	48.3	19:05-19:10	58.5	49.5
02:10-02:15	49.1	48.2	13:10-13:15	49.5	48.0	16:10-16:15	49.5	48.3	19:10-19:15	52.1	49.6
02:15-02:20	54.2	48.3	13:15-13:20	51.0	48.0	16:15-16:20	49.6	48.4	19:15-19:20	59.6	49.8
02:20-02:25	49.0	48.8	13:20-13:25	49.7	48.1	16:20-16:25	49.8	48.5	19:20-19:25	50.1	49.8
02:25-02:30	49.9	48.3	13:25-13:30	49.7	48.3	16:25-16:30	48.5	48.1	19:25-19:30	52.4	49.2
02:30-02:35	49.4	48.8	13:30-13:35	49.7	48.3	16:30-16:35	59.5	48.9	19:30-19:35	52.3	50.2
02:35-02:40	50.0	48.8	13:35-13:40	49.7	51.9	16:35-16:40	49.7	48.4	19:35-19:40	52.6	49.8
02:40-02:45	50.1	48.8	13:40-13:45	49.7	54.4	16:40-16:45	52.4	48.7	19:40-19:45	51.3	50.0
02:45-02:50	50.1	49.2	13:45-13:50	52.8	51.4	16:45-16:50	51.3	49.8	19:45-19:50	51.4	49.7
02:50-02:55	50.3	49.2	13:50-13:55	49.2	47.9	16:50-16:55	51.3	49.4	19:50-19:55	50.8	49.9
02:55-03:00	49.4	48.6	13:55-14:00	52.2	49.1	16:55-17:00	50.8	49.8	19:55-20:00	59.2	49.8

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Yithawadi Rangsit Road, Thung Song Hong, Loh 5, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 113/00 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khual Village, in the north of the Project, No.86 Moo 2, Ban Rai Khual, Tambon Tho Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 6502042 E, 1532384 N
Measured Date : May 13, 2025
Measured By : Mr.Mat Siriched
Analized By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-21D Serial Number 820951

Quotation No. : IAR025-00286
Analysis No. : 2025-AC083-038
Report No. : 2025-RANL796
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	54.4	56.1	11:00-11:05	48.5	48.7	14:00-14:05	49.1	45.6	17:00-17:05	52.4	53.9	20:00-20:05	52.9	52.0
08:05-08:10	51.9	56.0	11:05-11:10	48.4	48.2	14:05-14:10	48.6	46.7	17:05-17:10	53.8	50.7	20:05-20:10	52.9	51.0
08:10-08:15	53.6	58.5	11:10-11:15	48.7	48.7	14:10-14:15	53.3	48.4	17:10-17:15	52.4	50.8	20:10-20:15	52.0	51.0
08:15-08:20	54.7	48.8	11:15-11:20	47.1	46.3	14:15-14:20	50.8	49.5	17:15-17:20	53.6	51.0	20:15-20:20	52.4	51.8
08:20-08:25	54.1	48.8	11:20-11:25	48.5	46.3	14:20-14:25	49.8	47.3	17:20-17:25	50.1	51.2	20:20-20:25	52.7	51.1
08:25-08:30	54.9	48.3	11:25-11:30	48.4	46.3	14:25-14:30	47.8	46.7	17:25-17:30	51.9	51.6	20:25-20:30	52.7	51.2
08:30-08:35	51.4	47.7	11:30-11:35	51.8	47.7	14:30-14:35	52.3	47.3	17:30-17:35	53.4	51.4	20:30-20:35	52.6	51.0
08:35-08:40	52.6	46.1	11:35-11:40	52.6	51.7	14:35-14:40	51.9	53.3	17:35-17:40	53.9	51.5	20:35-20:40	52.3	51.3
08:40-08:45	51.0	46.1	11:40-11:45	51.2	49.8	14:40-14:45	50.5	52.1	17:40-17:45	53.2	51.4	20:40-20:45	52.8	51.2
08:45-08:50	50.3	46.4	11:45-11:50	48.4	46.2	14:45-14:50	53.8	52.3	17:45-17:50	54.3	51.3	20:45-20:50	51.8	51.3
08:50-08:55	51.0	51.7	11:50-11:55	50.7	48.6	14:50-14:55	53.9	51.8	17:50-17:55	54.7	51.9	20:50-20:55	51.7	51.3
08:55-09:00	50.2	51.5	11:55-12:00	49.4	48.3	14:55-15:00	52.8	50.3	17:55-18:00	54.0	52.9	20:55-21:00	51.6	50.8
09:00-09:05	50.4	51.3	12:00-12:05	49.0	48.1	15:00-15:05	52.8	48.8	18:00-18:05	54.4	51.7	21:00-21:05	51.7	50.9
09:05-09:10	50.4	52.4	12:05-12:10	48.4	47.8	15:05-15:10	50.4	48.4	18:05-18:10	54.0	52.3	21:05-21:10	51.5	50.8
09:10-09:15	50.3	54.4	12:10-12:15	49.2	47.9	15:10-15:15	51.0	47.8	18:10-18:15	54.7	52.6	21:10-21:15	51.7	52.0
09:15-09:20	50.6	54.2	12:15-12:20	50.4	48.5	15:15-15:20	52.6	48.8	18:15-18:20	55.0	53.8	21:15-21:20	52.8	51.6
09:20-09:25	50.8	51.4	12:20-12:25	50.9	46.4	15:20-15:25	50.9	47.8	18:20-18:25	56.7	54.4	21:20-21:25	53.2	51.7
09:25-09:30	53.4	52.7	12:25-12:30	50.4	48.7	15:25-15:30	50.4	47.8	18:25-18:30	56.7	54.7	21:25-21:30	52.8	51.5
09:30-09:35	54.4	52.9	12:30-12:35	50.6	49.4	15:30-15:35	51.0	47.8	18:30-18:35	56.7	55.1	21:30-21:35	52.4	51.8
09:35-09:40	51.9	52.3	12:35-12:40	52.6	48.8	15:35-15:40	49.4	46.3	18:35-18:40	57.3	54.9	21:35-21:40	52.0	51.2
09:40-09:45	52.7	51.8	12:40-12:45	50.1	48.4	15:40-15:45	49.8	47.4	18:40-18:45	52.8	53.3	21:40-21:45	51.4	51.8
09:45-09:50	51.3	48.6	12:45-12:50	49.9	50.0	15:45-15:50	49.3	47.5	18:45-18:50	52.1	51.4	21:45-21:50	51.4	50.7
09:50-09:55	51.2	48.3	12:50-12:55	51.0	48.5	15:50-15:55	51.2	50.3	18:50-18:55	50.0	51.0	21:50-21:55	51.3	50.5
09:55-10:00	51.3	47.3	12:55-13:00	49.7	52.1	15:55-16:00	49.8	48.2	18:55-19:00	50.4	54.5	21:55-22:00	51.3	50.5
10:00-10:05	48.3	47.3	13:00-13:05	47.4	50.0	16:00-16:05	49.8	48.1	19:00-19:05	52.5	54.2	22:00-22:05	50.9	50.4
10:05-10:10	48.8	47.8	13:05-13:10	48.4	46.4	16:05-16:10	49.0	48.1	19:05-19:10	50.7	55.2	22:05-22:10	50.6	50.8
10:10-10:15	46.9	47.7	13:10-13:15	49.5	46.4	16:10-16:15	48.8	48.4	19:10-19:15	53.4	52.5	22:10-22:15	50.5	50.8
10:15-10:20	48.6	47.7	13:15-13:20	47.8	46.4	16:15-16:20	48.8	48.8	19:15-19:20	52.8	52.3	22:15-22:20	50.6	50.8
10:20-10:25	51.3	47.4	13:20-13:25	48.3	46.4	16:20-16:25	50.0	48.8	19:20-19:25	52.9	51.9	22:20-22:25	50.7	50.8
10:25-10:30	52.6	47.7	13:25-13:30	48.6	49.3	16:25-16:30	53.9	48.0	19:25-19:30	53.0	52.6	22:25-22:30	50.7	50.7
10:30-10:35	50.7	48.8	13:30-13:35	52.7	48.8	16:30-16:35	49.8	48.0	19:30-19:35	53.1	52.0	22:30-22:35	50.7	48.8
10:35-10:40	53.8	48.3	13:35-13:40	54.1	52.8	16:35-16:40	48.5	48.8	19:35-19:40	53.5	52.8	22:35-22:40	50.8	48.9
10:40-10:45	52.4	52.1	13:40-13:45	52.0	50.8	16:40-16:45	50.8	49.1	19:40-19:45	53.4	52.0	22:40-22:45	50.8	48.8
10:45-10:50	53.8	52.6	13:45-13:50	47.8	44.5	16:45-16:50	50.4	49.1	19:45-19:50	54.8	53.3	22:45-22:50	50.7	48.9
10:50-10:55	51.7	50.0	13:50-13:55	47.9	44.2	16:50-16:55	51.3	48.7	19:50-19:55	55.3	54.4	22:50-22:55	50.3	48.9
10:55-11:00	50.0	48.0	13:55-14:00	47.9	46.1	16:55-17:00	51.6	49.8	19:55-20:00	55.7	53.0	22:55-23:00	50.3	49.4

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Yithawadi Rangsit Road, Thung Song Hong, Loh 5, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 113/00 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khual Village, in the north of the Project, No.86 Moo 2, Ban Rai Khual, Tambon Tho Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 6502042 E, 1532384 N
Measured Date : May 13-14, 2025
Measured By : Mr.Mat Siriched
Analized By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-21D Serial Number 820951

Quotation No. : IAR025-00286
Analysis No. : 2025-AC083-038
Report No. : 2025-RANL796
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90		Leq	L90
00:00-00:05	50.3	52.4	22:00-22:05	52.1	52.4	02:00-02:05	52.4	51.3	04:00-04:05	52.0	52.0	06:00-06:05	52.0	52.0
00:05-00:10	52.9	52.1	22:05-22:10	54.3	53.4	02:05-02:10	53.8	51.0	04:05-04:10	54.3	52.0	06:05-06:10	54.3	52.0
00:10-00:15	52.0	52.0	22:10-22:15	54.4	53.8	02:10-02:15	52.7	51.8	04:10-04:15	54.9	51.0	06:10-06:15	54.9	51.0
00:15-00:20	52.4	52.4	22:15-22:20	53.4	51.8	02:15-02:20	51.6	50.8	04:15-04:20	52.3	50.5	06:15-06:20	52.3	50.5
00:20-00:25	52.7	51.1	22:20-22:25	52.3	51.4	02:20-02:25	52.0	51.3	04:20-04:25	52.4	51.4	06:20-06:25	52.4	51.4
00:25-00:30	52.7	52.3	22:25-22:30	50.7	52.5	02:25-02:30	52.4	51.4	04:25-04:30	52.4	51.4	06:25-06:30	52.4	51.4
00:30-00:35	52.6	51.0	22:30-22:35	50.4	52.4	02:30-02:35	51.5	50.8	04:30-04:35	51.5	50.5	06:30-06:35	51.5	50.5
00:35-00:40	52.3	51.3	22:35-22:40	54.1	52.9	02:35-02:40	51.4	52.0	04:35-04:40	51.4	51.0	06:35-06:40	51.4	51.0
00:40-00:45	52.8	51.2	22:40-22:45	52.9	52.4	02:40-02:45	51.4	51.0	04:40-04:45	51.4	51.0	06:40-06:45	51.4	51.0
00:45-00:50	52.8	51.3	22:45-22:50	52.3	51.3	02:45-02:50	51.7	50.0	04:45-04:50	51.7	50.0	06:45-06:50	51.7	50.0
00:50-00:55	51.7	51.1	22:50-22:55	50.8	51.2	02:50-02:55	51.6	51.0	04:50-04:55	51.6	51.0	06:50-06:55	51.6	51.0
00:55-01:00	51.6	50.8	22:55-23:00	51.7	51.1	02:55-03:00	51.5	50.7	04:55-05:00	51.5	50.7	06:55-07:00	51.5	50.7
01:00-01:05	51.7	50.9	00:00-00:05	51.4	50.7	03:00-03:05	51.8	51.8	05:00-05:05	51.8	50.7	07:00-07:05	51.8	50.7
01:05-01:10	51.5	50.8	00:05-00:10	51.8	52.1	03:05-03:10	51.2	50.9	05:05-05:10	51.1	50.9	07:05-07:10	51.1	50.9
01:10-01:15	51.7	52.0	00:10-00:15	52.0	51.1	03:10-03:15	51.4	50.7	05:10-05:15	51.4	50.9	07:10-07:15	51.4	50.9
01:15-01:20	52.8	51.6	00:15-00:20	52.0	51.1	03:15-03:20	51.4	50.7	05:15-05:20	51.4	50.1	07:15-07:20	51.4	50.1
01:20-01:25	53.2	51.7	00:20-00:25	52.1	52.3	03:20-03:25	50.5	49.8	05:20-05:25	51.1	49.4	07:20-07:25	51.1	49.4
01:25-01:30	52.8	51.5	00:25-00:30	52.7	52.8	03:25-03:30	51.8	50.3	05:25-05:30	51.8	50.3	07:25-07:30	51.8	50.3
01:30-01:35	52.4	51.8	00:30-00:35	52.3	52.6	03:30-03:35	51.4	50.6	05:30-05:35	51.4	50.6	07:30-07:35	51.4	50.6
01:35-01:40	52.0	51.2	00:35-00:40	52.2	51.6	03:35-03:40	50.8	50.4	05:35-05:40	50.8	50.4	07:35-07:40	50.8	50.4
01:40-01:45	51.4	51.8	00:40-00:45	52.0	51.4	03:40-03:45	51.8	50.3	05:40-05:45	51.8	50.3	07:40-07:45	51.8	50.3
01:45-01:50	51.4	50.7	00:45-00:50	52.3	51.3	03:45-03:50	50.8	50.2	05:45-05:50	51.8	50.2	07:45-07:50	51.8	50.2
01:50-01:55	51.3	50.4	00:50-00:55	51.5	50.5	03:50-03:55	50.8	49.7	05:50-05:55	51.1	49.5	07:50-07:55	51.1	49.5
01:55-02:00	51.1	52.5	00:55-01:00	52.0	52.4	03:55-04:00	51.7	50.8	05:55-06:00	52.4	49.8	07:55-08:00	52.4	49.8
02:00-02:05	50.9	50.4	01:00-01:05	52.9	52.7	04:00-04:05	51.6	52.3	06:00-06:05	50.8	49.8	08:00-08:05	50.8	49.8
02:05-02:10	50.6	50.9	01:05-01:10	51.8	51.3	04:05-04:10	52.4	52.1	06:05-06:10	52.1	49.8	08:05-08:10	52.1	49.8
02:10-02:15	50.5	50.0	01:10-01:15	51.4	52.0	04:10-04:15	50.5	50.0	06:10-06:15	51.1	50.1	08:10-08:15	51.1	50.1
02:15-02:20	50.6	50.5	01:15-01:20	51.0	52.9	04:15-04:20	50.8	50.1	06:15-06:20	51.0	50.0	08:15-08:20	51.0	50.0
02:20-02:25	50.7	50.1	01:20-01:25	52.4	52.4	04:20-04:25	51.3	50.2	06:20-06:25	52.7	50.3	08:20-08:25	52.7	50.3
02:25-02:30	50.7	50.2	01:25-01:30	53.4	51.9	04:25-04:30	50.8	50.2	06:25-06:30	52.0	49.7	08:25-08:30	52.0	49.7
02:30-02:35	50.7	50.2	01:30-01:35	52.7	51.9	04:30-04:35	51.1	50.7	06:30-06:35	52.1	49.9	08:30-08:35	52.1	49.9
02:35-02:40	50.0	50.5	01:35-01:40	52.4	51.4	04:35-04:40	52.4	50.5	06:35-06:40	49.5	49.8	08:35-08:40	49.5	49.8
02:40-02:45	52.3	50.7	01:40-01:45	52.2	51.4	04:40-04:45	50.4	50.5	06:40-06:45	50.9	49.8	08:40-08:45	50.9	49.8
02:45-02:50	52.1	51.5	01:45-01:50	52.2	51.3	04:45-04:50	51.7	50.7	06:45-06:50	49.8	49.9	08:45-08:50	49.8	49.9
02:50-02:55	52.5	51.6	01:50-01:55	51.4	50.8	04:50-04:55	52.7	50.5	06:50-06:55	50.1	49.9	08:50-08:55	50.1	49.9
02:55-03:00	52.8	52.2	01:55-02:00	52.3	51.1	04:55-05:00	51.8	50.4	06:55-07:00	52.3	49.3	08:55-09:00	52.3	49.3

ANALYSIS REPORT

Customer Name : (Bangkok Utilities Co., Ltd.)
Address : 122 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : (Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province)
Project Location : 18/380 Moo 19, The Phra, Ban Pong, Ratchaburi
Measured Source : (Ambient Noise)
Measured Point : (The area of Ban Rai Khui Village, in the north of the Project, No.36 Moo 2, Ban Rai Khui, Tambon The Phra, Bangkok District, Ratchaburi Province)
GPS, Coordinate : (UTM (WGS84) 47P 652842 E, 1532184 N)
Measured Date : (May 14, 2025)
Measured By : (Mr.Nitad Sirichad)
Analyzed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : (Integrating Sound Level Meter Scalet Tech Model ST-21D Serial Number 620451)

Quotation No. : AR025-00286
Analysis No. : 2025-AC053-038
Report No. : 2025-RAAL706
Report Date : (May 30, 2025)

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Log	L90		Log	L90		Log	L90		Log	L90
01:00-01:05	50.6	48.0	11:00-11:05	52.3	51.1	24:00-24:05	51.3	49.8	17:00-17:05	50.1	51.1
01:05-01:10	52.7	48.8	11:05-11:10	50.3	49.1	24:05-24:10	48.8	49.8	17:05-17:10	51.6	48.7
01:10-01:15	51.1	48.6	11:10-11:15	48.5	47.8	04:10-04:15	53.1	49.8	17:10-17:15	51.7	49.8
01:15-01:20	51.1	48.2	11:15-11:20	48.5	48.1	24:15-24:20	52.6	48.8	17:15-17:20	51.5	49.8
01:20-01:25	50.5	48.6	11:20-11:25	48.1	48.3	14:20-14:25	51.8	49.8	17:20-17:25	51.9	49.9
01:25-01:30	48.9	47.8	11:25-11:30	46.6	46.6	14:25-14:30	49.6	48.6	17:25-17:30	51.1	49.9
01:30-01:35	48.8	46.9	11:30-11:35	46.9	48.8	14:30-14:35	51.8	50.1	17:30-17:35	51.4	50.2
01:35-01:40	48.2	47.2	11:35-11:40	48.2	47.9	14:35-14:40	51.2	50.0	17:35-17:40	50.3	49.1
01:40-01:45	48.3	47.7	11:40-11:45	48.8	48.0	14:40-14:45	50.1	49.5	17:40-17:45	50.4	49.4
01:45-01:50	48.4	46.5	11:45-11:50	46.7	47.8	14:45-14:50	50.4	48.9	17:45-17:50	52.8	48.1
01:50-01:55	48.9	47.8	11:50-11:55	50.3	48.5	14:50-14:55	51.4	48.8	17:50-17:55	50.8	50.0
01:55-02:00	48.5	47.8	11:55-12:00	49.6	48.7	14:55-15:00	52.8	49.1	17:55-18:00	50.8	50.0
02:00-02:05	48.6	48.8	12:00-12:05	52.9	48.7	15:00-15:05	50.3	48.7	18:00-18:05	51.5	50.2
02:05-02:10	49.6	47.8	12:05-12:10	49.6	48.5	15:05-15:10	54.3	48.8	18:05-18:10	51.7	50.2
02:10-02:15	49.2	47.7	12:10-12:15	48.8	48.4	15:10-15:15	51.4	48.1	18:10-18:15	53.8	51.5
02:15-02:20	51.3	48.4	12:15-12:20	48.8	49.1	15:15-15:20	51.3	49.3	18:15-18:20	52.1	50.7
02:20-02:25	49.2	47.9	12:20-12:25	50.5	48.7	15:20-15:25	50.6	48.6	18:20-18:25	52.7	50.7
02:25-02:30	50.3	47.8	12:25-12:30	50.0	48.8	15:25-15:30	50.3	48.8	18:25-18:30	52.4	50.7
02:30-02:35	52.5	48.4	12:30-12:35	49.8	48.4	15:30-15:35	51.4	48.8	18:30-18:35	51.4	50.5
02:35-02:40	50.0	48.5	12:35-12:40	51.0	49.1	15:35-15:40	51.2	49.5	18:35-18:40	51.8	50.9
02:40-02:45	51.1	50.5	12:40-12:45	50.1	48.7	15:40-15:45	51.8	49.3	18:40-18:45	54.4	51.0
02:45-02:50	52.6	48.2	12:45-12:50	50.4	50.8	15:45-15:50	52.7	48.9	18:45-18:50	52.8	50.1
02:50-02:55	52.3	48.5	12:50-12:55	52.8	51.3	15:50-15:55	54.8	50.3	18:50-18:55	51.1	50.5
02:55-03:00	51.8	48.6	12:55-13:00	51.4	48.8	15:55-16:00	52.8	49.8	18:55-19:00	52.9	50.1
03:00-03:05	50.4	50.8	13:00-13:05	51.9	48.7	16:00-16:05	51.4	51.4	19:00-19:05	50.3	51.4
03:05-03:10	50.8	50.8	13:05-13:10	51.8	51.5	16:05-16:10	52.8	49.8	19:05-19:10	50.7	51.8
03:10-03:15	50.3	50.8	13:10-13:15	52.8	48.1	16:10-16:15	50.7	49.8	19:10-19:15	50.1	51.5
03:15-03:20	50.7	50.8	13:15-13:20	49.8	48.2	16:15-16:20	50.9	49.8	19:15-19:20	51.7	50.8
03:20-03:25	50.3	48.8	13:20-13:25	48.6	48.5	16:20-16:25	51.9	50.0	19:20-19:25	50.8	50.4
03:25-03:30	50.4	52.8	13:25-13:30	48.5	48.1	16:25-16:30	50.8	49.7	19:25-19:30	53.3	50.4
03:30-03:35	50.3	51.1	13:30-13:35	48.5	48.7	16:30-16:35	51.8	48.4	19:30-19:35	51.4	51.4
03:35-03:40	50.9	48.4	13:35-13:40	50.1	48.9	16:35-16:40	50.8	50.6	19:35-19:40	52.1	51.1
03:40-03:45	51.8	50.3	13:40-13:45	52.4	51.5	16:40-16:45	51.8	49.7	19:40-19:45	51.6	50.4
03:45-03:50	51.8	50.3	13:45-13:50	52.4	51.4	16:45-16:50	54.3	50.3	19:45-19:50	52.3	51.0
03:50-03:55	51.8	50.3	13:50-13:55	52.4	50.1	16:50-16:55	54.8	51.1	19:50-19:55	51.8	50.7
03:55-04:00	52.6	51.6	13:55-14:00	51.8	50.0	16:55-17:00	54.7	50.5	19:55-20:00	51.4	50.7

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lat Su, Bangkok 10219
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 18/305 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khul Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Khul, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS, Coordinate : UTM (WGS84) 47P 6502976 E, 1531948 N
Measured Date : May 8, 2025
Measured By : Mr. Niall Strickel
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Sontek Tech Model ST-21D Serial Number 520464

Quotation No. : JAR025-00286
Analysis No. : 2025-AC003-009
Report No. : 2025-RAAL708
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	52.0	49.4	11:08-11:13	54.0	51.8	14:09-14:15	50.4	49.7	17:09-17:15	52.4	51.0	20:09-20:15	50.4	49.4
08:05-08:10	51.3	49.4	11:18-11:23	54.7	49.9	14:15-14:20	50.2	49.3	17:15-17:20	51.6	50.0	20:15-20:20	50.2	49.3
08:15-08:20	52.0	48.8	11:28-11:33	51.2	48.4	14:25-14:30	49.3	48.4	17:25-17:30	52.9	50.6	20:25-20:30	50.0	48.9
08:25-08:30	52.1	50.5	11:38-11:43	52.4	49.2	14:35-14:40	49.8	49.7	17:35-17:40	50.0	50.9	20:35-20:40	50.0	48.9
08:35-08:40	52.9	52.3	11:48-11:53	51.2	48.3	14:45-14:50	49.4	48.8	17:45-17:50	50.3	51.3	20:45-20:50	50.3	49.4
08:45-08:50	52.8	51.4	11:58-12:03	50.9	49.2	14:55-15:00	50.6	48.8	17:55-18:00	52.9	51.2	20:55-21:00	50.3	49.1
08:55-09:00	52.8	51.4	12:08-12:13	49.7	48.2	15:05-15:10	49.4	47.6	18:05-18:10	50.9	50.3	21:05-21:10	50.4	49.2
09:05-09:10	51.8	50.6	12:18-12:23	52.7	49.3	15:15-15:20	49.1	47.3	18:15-18:20	52.8	51.5	21:15-21:20	51.3	50.4
09:15-09:20	52.2	50.4	12:28-12:33	51.3	49.2	15:25-15:30	49.2	47.8	18:25-18:30	51.3	50.3	21:25-21:30	50.4	49.4
09:25-09:30	51.9	50.6	12:38-12:43	52.1	48.4	15:35-15:40	49.7	48.0	18:35-18:40	52.2	51.0	21:35-21:40	50.4	49.4
09:35-09:40	51.9	50.6	12:48-12:53	51.4	48.8	15:45-15:50	49.7	48.7	18:45-18:50	51.9	50.7	21:45-21:50	50.4	49.4
09:45-09:50	51.2	50.9	12:58-13:03	50.3	48.2	15:55-16:00	52.8	49.3	18:55-19:00	51.1	50.1	21:55-22:00	50.4	49.3
09:55-10:00	52.9	50.8	13:08-13:13	52.3	49.0	16:05-16:10	53.4	51.8	19:05-19:10	52.4	50.1	22:05-22:10	50.4	49.3
10:05-10:10	52.9	50.8	13:18-13:23	51.3	48.8	16:15-16:20	53.8	51.8	19:15-19:20	51.1	50.0	22:15-22:20	50.4	49.3
10:15-10:20	52.6	51.3	13:28-13:33	50.9	50.0	16:25-16:30	53.2	51.4	19:25-19:30	51.5	50.0	22:25-22:30	50.4	49.3
10:25-10:30	51.6	50.3	13:38-13:43	52.5	50.5	16:35-16:40	51.8	50.1	19:35-19:40	51.7	50.3	22:35-22:40	50.4	49.3
10:35-10:40	52.9	50.3	13:48-13:53	51.6	50.3	16:45-16:50	52.8	50.4	19:45-19:50	51.8	50.3	22:45-22:50	50.4	49.3
10:45-10:50	51.7	51.2	13:58-14:03	52.4	50.3	16:55-17:00	50.8	50.6	19:55-20:00	50.7	50.4	22:55-23:00	50.4	49.3
10:55-11:00	51.7	51.2	14:08-14:13	52.1	50.5	17:05-17:10	51.4	49.6	20:05-20:10	50.4	51.2			
11:05-11:10	50.8	48.6	14:18-14:23	54.0	52.2	17:15-17:20	52.2	50.4	20:15-20:20	50.4	50.4			
11:15-11:20	50.7	48.3	14:28-14:33	53.0	51.2	17:25-17:30	50.4	50.7	20:25-20:30	50.4	50.4			
11:25-11:30	50.6	48.0	14:38-14:43	52.4	50.3	17:35-17:40	50.8	50.6	20:35-20:40	50.4	50.4			
11:35-11:40	50.6	48.0	14:48-14:53	52.4	50.3	17:45-17:50	50.8	50.6	20:45-20:50	50.4	50.4			
11:45-11:50	50.6	48.0	14:58-15:03	52.4	50.3	17:55-18:00	50.8	50.6	20:55-21:00	50.4	50.4			
11:55-12:00	50.6	48.0	15:08-15:13	52.4	50.3	18:05-18:10	50.8	50.6	21:05-21:10	50.4	50.4			
12:05-12:10	50.6	48.0	15:18-15:23	52.4	50.3	18:15-18:20	50.8	50.6	21:15-21:20	50.4	50.4			
12:15-12:20	50.6	48.0	15:28-15:33	52.4	50.3	18:25-18:30	50.8	50.6	21:25-21:30	50.4	50.4			
12:25-12:30	50.6	48.0	15:38-15:43	52.4	50.3	18:35-18:40	50.8	50.6	21:35-21:40	50.4	50.4			
12:35-12:40	50.6	48.0	15:48-15:53	52.4	50.3	18:45-18:50	50.8	50.6	21:45-21:50	50.4	50.4			
12:45-12:50	50.6	48.0	15:58-16:03	52.4	50.3	18:55-19:00	50.8	50.6	21:55-22:00	50.4	50.4			
12:55-13:00	50.6	48.0	16:08-16:13	52.4	50.3	19:05-19:10	50.8	50.6	22:05-22:10	50.4	50.4			
13:05-13:10	50.6	48.0	16:18-16:23	52.4	50.3	19:15-19:20	50.8	50.6	22:15-22:20	50.4	50.4			
13:15-13:20	50.6	48.0	16:28-16:33	52.4	50.3	19:25-19:30	50.8	50.6	22:25-22:30	50.4	50.4			
13:25-13:30	50.6	48.0	16:38-16:43	52.4	50.3	19:35-19:40	50.8	50.6	22:35-22:40	50.4	50.4			
13:35-13:40	50.6	48.0	16:48-16:53	52.4	50.3	19:45-19:50	50.8	50.6	22:45-22:50	50.4	50.4			
13:45-13:50	50.6	48.0	16:58-17:03	52.4	50.3	19:55-20:00	50.8	50.6	22:55-23:00	50.4	50.4			
13:55-14:00	50.6	48.0	17:08-17:13	52.4	50.3	20:05-20:10	50.8	50.6						

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lat Su, Bangkok 10219
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 18/305 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khul Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Khul, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS, Coordinate : UTM (WGS84) 47P 6502976 E, 1531948 N
Measured Date : May 8-9, 2025
Measured By : Mr. Niall Strickel
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Sontek Tech Model ST-21D Serial Number 520464

Quotation No. : JAR025-00286
Analysis No. : 2025-AC003-009
Report No. : 2025-RAAL708
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
22:00-22:05	49.9	48.3	23:00-23:05	52.4	49.3	01:00-01:05	51.1	50.3	06:00-06:05	53.4	51.0
22:05-22:10	49.3	48.5	23:05-23:10	49.7	48.3	01:05-01:10	51.2	50.3	06:05-06:10	53.6	51.1
22:10-22:15	49.4	48.6	23:10-23:15	49.4	48.8	01:10-01:15	51.1	50.3	06:10-06:15	51.9	51.0
22:15-22:20	49.8	48.8	23:15-23:20	48.7	48.5	01:15-01:20	51.4	50.4	06:15-06:20	52.3	51.2
22:20-22:25	49.9	49.1	23:20-23:25	50.4	49.2	01:20-01:25	51.3	50.4	06:20-06:25	52.8	51.5
22:25-22:30	49.7	48.1	23:25-23:30	50.3	49.1	01:25-01:30	51.6	50.7	06:25-06:30	52.8	51.5
22:30-22:35	49.6	48.8	23:30-23:35	50.1	49.2	01:30-01:35	51.4	50.6	06:30-06:35	52.5	51.5
22:35-22:40	49.6	47.8	23:35-23:40	49.4	48.7	01:35-01:40	51.3	50.4	06:35-06:40	52.7	51.7
22:40-22:45	49.8	48.3	23:40-23:45	50.3	49.4	01:40-01:45	50.8	50.2	06:40-06:45	52.1	51.6
22:45-22:50	49.3	48.4	23:45-23:50	51.4	49.4	01:45-01:50	50.7	49.8	06:45-06:50	52.4	51.9
22:50-22:55	49.5	48.7	23:50-23:55	50.1	49.0	01:50-01:55	50.3	49.8	06:50-06:55	51.7	51.6
22:55-23:00	49.9	49.1	23:55-00:00	50.6	49.9	01:55-02:00	50.0	49.3	06:55-07:00	52.2	51.1
00:00-00:05	49.6	49.0	00:05-00:10	51.3	50.8	02:00-02:05	50.8	49.8	07:00-07:05	52.7	51.3
00:05-00:10	50.3	49.5	00:10-00:15	51.8	49.8	02:05-02:10	50.8	49.8	07:05-07:10	52.4	51.8
00:10-00:15	49.7	49.0	00:15-00:20	51.2	50.4	02:10-02:15	50.8	49.8	07:10-07:15	52.4	51.8
00:15-00:20	49.7	48.9	00:20-00:25	50.2	49.3	02:15-02:20	50.8	49.8	07:15-07:20	52.4	51.8
00:20-00:25	50.0	49.2	00:25-00:30	50.2	49.4	02:20-02:25	50.8	49.8	07:20-07:25	52.4	51.8
00:25-00:30	50.1	49.7	00:30-00:35	50.1	49.3	02:25-02:30	50.8	49.8	07:25-07:30	52.4	51.8
00:30-00:35	50.4	49.4	00:35-00:40	50.7	49.8	02:30-02:35	50.8	49.8	07:30-07:35	52.4	51.8
00:35-00:40	50.4	49.4	00:40-00:45	50.4	49.7	02:35-02:40	50.4	49.5	07:35-07:40	52.2	51.8
00:40-00:45	50.4	49.4	00:45-00:50	50.4	49.7	02:40-02:45	50.4	49.5	07:40-07:45	52.4	51.8
00:45-00:50	50.8	49.2	00:50-00:55	50.1	50.8	02:45-02:50	50.9	49.8	07:45-07:50	52.4	51.8
00:50-00:55	50.3	49.5	00:55-01:00	50.8	49.8	02:50-02:55	50.9	49.8	07:50-07:55	52.4	51.8
00:55-01:00	50.3	49.5	01:00-01:05	50.8	49.8	02:55-03:00	50.9	49.8	07:55-08:00	52.4	51.8
01:00-01:05	50.3	49.5	01:05-01:10	50.8	49.8	03:00-03:05	50.9	49.8	08:00-08:05	52.4	51.8
01:05-01:10	50.3	49.5	01:10-01:15	50.8	49.8	03:05-03:10	50.9	49.8	08:05-08:10	52.4	51.8
01:10-01:15	50.3	49.5	01:15-01:20	50.8	49.8	03:10-03:15	50.9	49.8	08:10-08:15	52.4	51.8
01:15-01:20	50.3	49.5	01:20-01:25	50.8	49.8	03:15-03:20	50.9	49.8	08:15-08:20	52.4	51.8
01:20-01:25	50.3	49.5	01:25-01:30	50.8	49.8	03:20-03:25	50.9	49.8	08:20-08:25	52.4	51.8
01:25-01:30	50.3	49.5	01:30-01:35	50.8	49.8	03:25-03:30	50.9	49.8	08:25-08:30	52.4	51.8
01:30-01:35	50.3	49.5	01:35-01:40	50.8	49.8	03:30-03:35	50.9	49.8	08:30-08:35	52.4	51.8
01:35-01:40	50.3	49.5	01:40-01:45	50.8	49.8	03:35-03:40	50.9	49.8	08:35-08:40	52.4	51.8
01:40-01:45	50.3	49.5	01:45-01:50	50.8	49.8	03:40-03:45	50.9	49.8	08:40-08:45	52.4	51.8
01:45-01:50	50.3	49.5	01:50-01:55	50.8	49.8	03:45-03:50	50.9	49.8	08:45-08:50	52.4	51.8
01:50-01:55	50.3	49.5	01:55-02:00	50.8	49.8	03:50-03:55	50.9	49.8	08:50-08:55	52.4	51.8
01:55-02:00	50.3	49.5	02:00-02:05	50.8	49.8	03:55-04:00	50.9	49.8	08:55-09:00	52.4	51.8
02:00-02:05	50.3	49.5	02:05-02:10	50.8	49.8	04:00-04:05	50.9	49.8	09:00-09:05	52.4	51.8
02:05-02:10	50.3	49.5	02:10-02:15	50.8	49.8	04:05-04:10	50.9	49.8	09:05-09:10	52.4	51.8
02:10-02:15	50.3	49.5	02:15-02:20	50.8	49.8	04:10-04:15	50.9	49.8	09:10-09:15	52.4	51.8
02:15-02:20	50.3	49.5	02:20-02:25	50.8	49.8	04:15-04:20	50.9	49.8	09:15-09:20	52.4	51.8
02:20-02:25	50.3	49.5	02:25-02:30	50.8	49.8	04:20-04:25	50.9	49.8	09:20-09:25	52.4	51.8
02:25-02:30	50.3	49.5	02:30-02:35	50.8	49.8	04:25-04:30	50.9	49.8	09:25-09:30	52.4	51.8
02:30-02:35	50.3	49.5	02:35-02:40	50.8	49.8	04:30-04:35	50.9	49.8	09:30-09:35	52.4	51.8
02:35-02:40	50.3	49.5	02:40-02:45	50.8	49.8	04:35-04:40	50.9	49.8	09:35-09:40	52.4	51.8
02:40-02:45	50.3	49.5	02:45-02:50	50.8	49.8	04:40-04:45	50.9	49.8	09:40-09:45	52.4	51.8
02:45-02:50	50.3	49.5	02:50-02:55	50.8	49.8	04:45-04:50	50.9	49.8	09:45-09:50	52.4	51.8
02:50-02:55	50.3	49.5	02:55-03:00	50.8	49.8	04:50-04:55	50.9	49.8	09:50-09:55	52.4	51.8
02:55-03:00	50.3	49.5	03:00-03:05	50.8	49.8	04:55-05:00	50.9	49.8	09:55-10:00	52.4	51.8
03:00-03:05	50.3	49.5	03:05-03:10	50.8	49.8	05:00-05:05	50.9	49.8	10:00-10:05	52.4	51.8
03:05-03:10	50.3	49.5	03:10-03:15	50.8	49.8	05:05-05:10	50.9	49.8	10:05-10:10	52.4	51.8
03:10-03:15	50.3	49.5	03:15-03:20	50.8	49.8	05:10-05:15	50.9	49.8	10:10-10:15	52.4	51.8
03:15-03:20	50.3	49.5	03:20-03:25	50.8	49.8	05:15-05:20	50.9	49.8	10:15-10:20	52.4	51.8
03:20-03:25	50.3	49.5	03:25-03:30	50.8	49.8	05:20-05:25	50.9	49.8	10:20-10:25	52.4	51.8
03:25-03:30	50.3	49.5	03:30-03:35	50.8	49.8	05:25-05:30	50.9	49.8	10:25-10:30	52.4	51.8
03:30-03:35	50.3	49.5	03:35-03:40	50.8	49.8	05:30-05:35	50.9	49.8	10:30-10:35	52.4	51.8
03:35-03:40	50.3	49.5	03:40-03:45	50.8	49.8	05:35-05:40	50.9	49.8	10:35-10:40	52.4	51.8
03:40-03:45	50.3	49.5	03:45-03:50	50.8	49.8	05:40-05:45	50.9	49.8	10:40-10:45	52.4	51.8
03:45-03:50	50.3	49.5	03:50-03:55	50.8	49.8	05:45-05:50	50.9	49.8	10:45-10:50	52.4	51.8
03:50-03:55	50.3	49.5	03:55-04:00	50.8	49.8	05:50-05:55	50.9	49.8	10:50-10:55	52.4	51.8
03:55-04:00	50.3	49.5	04:00-04:05	50.8	49.8	05:55-06:00	50.9	49.8	10:55-11:00	52.4	51.8
04:00-04:05	50.3	49.5	04:05-04:10	50.8	49.8	06:00-06:05	50.9	49.8	11:00-11:05	52.4	51.8
04:05-04:10	50.3	49.5	04:10-04:15	50.8	49.8	06:05-06:10	50.9	49.8	11:05-11:10	52.4	51.8
04:10-04:15	50.3	49.5	04:15-04:20	50.8	49.8	06:10-06:15	50.9	49.8	11:10-11:15	52.4	51.8
04:15-04:20	50.3	49.5	04:20-04:25	50.8	49.8	06:15-06:20	50.9	49.8	11:15-11:20	52.4	51.8
04:20-04:25	50.3	49.5	04:25-04:30	50.8	49.8	06:20-06:25	50.9	49.8	11:20-11:25	52.4	51.8
04:25-04:30	50.3	49.5	04:30-04:35	50.8	49.8	06:25-06:30	50.9	49.8	11:25-11:30	52.4	51.8
04:30-04:35	50.3	49.5	04:35-04:40	50.8	49.8	06:30-06:35	50.9	49.8	11:30-11:35	52.4	51.8
04:35-04:40	50.3	49.5	04:40-04:45	50.8	49.8	06:35-06:40	50.9	49.8	11:35-11:40	52.4	51.8
04:40-04:45	50.3	49.5	04:45-04:50	50.8	49.8	06:40-06:45	50.9	49.8	11:40-11:45	52.4	51.8
04:45-04:50	50.3	49.5	04:50-04:55	50.8	49.8	06:45-06:50	50.9	49.8	11:45-11:50	52.4	51.8
04:50-04:55	50.3	49.5	04:55-05:00	50.8	49.8	06:50-06:55	50.9	49.8	11:50-11:55	52.4	51.8
04:55-05:00	50.3	49.5	05:00-05:05	50.8	49.8	06:55-07:00	50.9	49.8	11:55-12:00	52.4	51.8
05:00-05:05	50.3	49.5	05:05-05:10	50.8	49.8	07:00-07:05	50.9	49.8	12:00-12:05	52.4	51.8
05:05-05:10	50.3	49.5	05:10-05:15	50.8	49.8	07:05-07:10	50.9	49.8	12:05-12:10	52.4	51.8
05:10-05:15	50.3	49.5	05:15-05:20	50.8	49.8	07:10-07:15	50.9	49.8	12:10-12:15	52.4	51.8
05:15-05:20	50.3	49.5	05:20-05:25	50.8	49.8	07:15-07:20	50.9	49.8	12:15-12:20	52.4	51.8
05:20-05:25	50.3	49.5	05:25-05:30	50.8	49.8	07:20-07:25	50.9	49.8	12:20-12:25	52.4	51.8
05:25-05:30	50.3	49.5	05:30-05:35	50.8	49.8	07:25-07:30	50.9	49.8	12:25-12:30	52.4	51.8
05:30-05:35	50.3	49.5	05:35-05:40	50.8	49.8	07:30-07:35	50.9	49.8	12:30-12:35	52.4	51.8
05:35-05:40	50.3	49.5	05:40-05:45	50.8	49.8	07:35-07:40	50.9	49.8	12:35-12:40	52.4	51.8
05:40-05:45	50.3	49.5	05:45-05:50	50.8	49.8	07:40-07:45	50.9	49.8	12:40-12:45	52.4	51.8
05:45-05:50	50.3	49.5	05:50-05:55	50.8	49.8	07:45-07:50	50.9	49.8	12:45-12:50	52.4	51.8
05:50-05:55	50.3	49.5	05:55-06:00	50.8	49.8	07:50-07:55	50.9	49.8	12:50-12:55	52.4	51.8
05:55-06:00	50.3	49.5	06:00-06:05	50.8	49.8	07:55-08:00	50.9	49.8	12:55-13:00	52.4	51.8
06:00-06:05	50.3	49.5	06:05-06:10	50.8	49.8	08:00-08:05	50.9	49.8	13:00-13:05	52.4	51.8
06:05-06:10	50.3	49.5	06:10-06:15	50.8	49.8	08:05-08:10	50.9	49.8	13:05-13:10	52.4	51.8
06:10-06:15	50.3	49.5	06:15-06:20	50.8	49.8	08:10-08:15	50.9	49.8	13:10-13:15	52.4	51.8
06:15-06:20	50.3	4									

ANALYSIS REPORT

Customer Name : Bangong Utilities Co., Ltd.
Address : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lat Su, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangong District, Ratchaburi Province
Project Location : 18/380 Moo 19, Tha Pha, San Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khul Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Khul, Tambon Tha Pha, Bangong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 6582978 E, 1531948 N
Measured Date : May 9, 2025
Measured By : Mr.Natad Sirichad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820464

Quotation No. : JAR2025-00286
Analysis No. : 2025-ACD53-039
Report No. : 2025-RAAL798
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	51.2	48.7	11:00-11:05	51.1	48.1	14:00-14:05	52.1	50.4	17:00-17:05	52.0	48.0
08:05-08:10	51.5	50.1	11:05-11:10	51.8	49.5	14:05-14:10	50.4	48.8	17:05-17:10	52.1	48.2
08:10-08:15	51.8	49.7	11:10-11:15	50.8	49.3	14:10-14:15	49.7	48.8	17:10-17:15	51.6	48.6
08:15-08:20	53.5	50.8	11:15-11:20	51.1	49.8	14:15-14:20	48.5	48.4	17:15-17:20	48.0	48.3
08:20-08:25	54.2	51.0	11:20-11:25	51.5	50.5	14:20-14:25	48.4	48.4	17:20-17:25	48.5	48.1
08:25-08:30	54.0	50.8	11:25-11:30	52.3	49.8	14:25-14:30	48.6	48.0	17:25-17:30	50.2	47.7
08:30-08:35	52.5	50.3	11:30-11:35	50.8	48.4	14:30-14:35	51.4	47.5	17:30-17:35	50.1	47.8
08:35-08:40	52.3	50.9	11:35-11:40	50.6	49.4	14:35-14:40	48.1	48.0	17:35-17:40	50.4	48.4
08:40-08:45	51.0	51.2	11:40-11:45	50.2	48.7	14:40-14:45	48.3	47.5	17:40-17:45	49.2	48.3
08:45-08:50	52.6	50.7	11:45-11:50	50.9	48.7	14:45-14:50	48.6	47.6	17:45-17:50	50.5	48.1
08:50-08:55	52.4	50.4	11:50-11:55	50.0	48.1	14:50-14:55	49.8	49.8	17:50-17:55	49.8	48.5
08:55-09:00	52.7	50.5	11:55-12:00	52.1	48.0	14:55-15:00	51.1	48.4	17:55-18:00	49.8	48.2
09:00-09:05	52.6	51.2	12:00-12:05	50.1	48.1	15:00-15:05	49.3	48.4	18:00-18:05	50.3	48.7
09:05-09:10	51.0	52.3	12:05-12:10	50.8	47.9	15:05-15:10	49.3	48.4	18:05-18:10	49.7	48.6
09:10-09:15	50.9	52.3	12:10-12:15	51.0	48.1	15:10-15:15	49.3	48.1	18:10-18:15	50.4	49.1
09:15-09:20	52.6	52.8	12:15-12:20	52.5	50.4	15:15-15:20	48.3	47.1	18:15-18:20	52.2	50.1
09:20-09:25	52.8	52.0	12:20-12:25	53.1	49.4	15:20-15:25	48.6	47.2	18:20-18:25	51.8	50.1
09:25-09:30	50.3	50.4	12:25-12:30	50.7	49.1	15:25-15:30	48.1	48.7	18:25-18:30	52.4	51.1
09:30-09:35	52.0	48.3	12:30-12:35	52.1	50.4	15:30-15:35	48.7	47.5	18:30-18:35	52.0	52.1
09:35-09:40	51.3	48.4	12:35-12:40	50.6	49.3	15:35-15:40	48.0	47.5	18:35-18:40	51.0	52.3
09:40-09:45	48.1	48.8	12:40-12:45	51.7	49.7	15:40-15:45	48.5	47.4	18:40-18:45	52.3	51.8
09:45-09:50	50.4	48.0	12:45-12:50	51.2	49.1	15:45-15:50	52.0	47.9	18:45-18:50	52.8	52.6
09:50-09:55	51.1	48.1	12:50-12:55	52.5	49.5	15:50-15:55	50.1	48.1	18:50-18:55	51.8	51.0
09:55-10:00	52.2	49.8	12:55-13:00	52.1	48.5	15:55-16:00	51.1	49.8	18:55-19:00	51.2	49.4
10:00-10:05	50.2	48.7	13:00-13:05	48.7	48.1	16:00-16:05	52.2	50.1	19:00-19:05	50.3	48.1
10:05-10:10	50.3	48.6	13:05-13:10	49.4	47.9	16:05-16:10	52.1	48.1	19:05-19:10	49.2	48.1
10:10-10:15	51.3	50.7	13:10-13:15	48.6	48.1	16:10-16:15	49.8	48.2	19:10-19:15	50.1	48.0
10:15-10:20	52.9	51.4	13:15-13:20	51.7	50.1	16:15-16:20	50.4	48.8	19:15-19:20	50.7	48.8
10:20-10:25	53.2	51.6	13:20-13:25	50.1	48.6	16:20-16:25	48.8	47.6	19:20-19:25	50.0	48.0
10:25-10:30	51.7	50.8	13:25-13:30	48.2	48.2	16:25-16:30	48.0	47.8	19:25-19:30	50.4	48.7
10:30-10:35	54.7	49.6	13:30-13:35	48.7	48.1	16:30-16:35	48.1	47.8	19:30-19:35	49.4	48.5
10:35-10:40	51.6	49.6	13:35-13:40	48.3	48.0	16:35-16:40	50.9	48.5	19:35-19:40	49.7	48.5
10:40-10:45	51.0	49.3	13:40-13:45	48.8	47.6	16:40-16:45	48.3	48.1	19:40-19:45	48.3	48.3
10:45-10:50	50.7	49.4	13:45-13:50	49.1	48.0	16:45-16:50	48.1	47.3	19:45-19:50	49.3	48.5
10:50-10:55	50.1	48.1	13:50-13:55	48.9	47.5	16:50-16:55	50.5	48.3	19:50-19:55	48.8	48.3
10:55-11:00	50.6	48.8	13:55-14:00	52.8	48.6	16:55-17:00	50.2	48.3	19:55-20:00	49.1	48.8

ANALYSIS REPORT

Customer Name : Bangong Utilities Co., Ltd.
Address : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lat Su, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangong District, Ratchaburi Province
Project Location : 18/380 Moo 19, Tha Pha, San Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khul Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Khul, Tambon Tha Pha, Bangong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 47P 6582978 E, 1531948 N
Measured Date : May 9-10, 2025
Measured By : Mr.Natad Sirichad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820464

Quotation No. : JAR2025-00286
Analysis No. : 2025-ACD53-039
Report No. : 2025-RAAL798
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	48.1	44.3	23:00-23:05	49.8	48.9	02:00-02:05	50.8	50.0	05:00-05:05	52.7	52.7
20:05-20:10	48.6	48.2	23:05-23:10	51.2	48.0	02:05-02:10	50.8	49.4	05:05-05:10	52.8	49.8
20:10-20:15	48.4	48.3	23:10-23:15	48.1	48.4	02:10-02:15	50.4	48.7	05:10-05:15	52.9	48.7
20:15-20:20	48.0	48.3	23:15-23:20	48.3	47.8	02:15-02:20	50.7	49.7	05:15-05:20	53.4	49.0
20:20-20:25	49.2	48.1	23:20-23:25	48.3	48.3	02:20-02:25	50.3	49.4	05:20-05:25	53.9	49.3
20:25-20:30	49.2	48.4	23:25-23:30	48.4	47.6	02:25-02:30	50.4	49.3	05:25-05:30	54.6	48.7
20:30-20:35	49.3	48.8	23:30-23:35	48.5	47.4	02:30-02:35	50.8	49.3	05:30-05:35	54.9	48.7
20:35-20:40	49.2	48.2	23:35-23:40	48.7	47.7	02:35-02:40	48.7	48.8	05:35-05:40	55.1	50.0
20:40-20:45	48.8	48.1	23:40-23:45	50.0	48.1	02:40-02:45	48.6	48.9	05:40-05:45	55.8	52.4
20:45-20:50	50.0	48.8	23:45-23:50	49.0	48.1	02:45-02:50	48.6	48.9	05:45-05:50	55.8	50.3
20:50-20:55	48.2	48.4	23:50-23:55	48.7	47.9	02:50-02:55	49.8	48.1	05:50-05:55	56.3	55.2
20:55-21:00	49.3	48.4	23:55-00:00	50.3	48.0	02:55-03:00	49.4	48.3	05:55-06:00	51.8	49.5
21:00-21:05	48.5	48.7	00:00-00:05	51.0	48.6	03:00-03:05	49.8	48.0	06:00-06:05	52.8	49.8
21:05-21:10	50.2	48.3	00:05-00:10	48.2	48.5	03:05-03:10	49.4	48.4	06:05-06:10	53.8	49.8
21:10-21:15	48.7	48.4	00:10-00:15	48.4	48.4	03:10-03:15	51.1	48.4	06:10-06:15	54.8	48.4
21:15-21:20	48.8	48.1	00:15-00:20	48.3	48.3	03:15-03:20	49.4	48.5	06:15-06:20	55.9	48.8
21:20-21:25	48.8	48.1	00:20-00:25	48.4	47.4	03:20-03:25	48.1	48.4	06:20-06:25	51.0	48.6
21:25-21:30	48.8	47.8	00:25-00:30	48.3	47.7	03:25-03:30	48.0	48.1	06:25-06:30	51.6	50.2
21:30-21:35	48.6	48.0	00:30-00:35	49.8	48.1	03:30-03:35	48.4	48.7	06:30-06:35	51.4	48.7
21:35-21:40	49.3	48.2	00:35-00:40	48.6	48.9	03:35-03:40	49.2	48.8	06:35-06:40	52.3	48.1
21:40-21:45	48.1	48.7	00:40-00:45	48.7	48.8	03:40-03:45	50.0	49.2	06:40-06:45	52.8	48.7
21:45-21:50	48.8	48.1	00:45-00:50	50.8	49.7	03:45-03:50	48.8	48.8	06:45-06:50	53.1	49.4
21:50-21:55	48.4	47.7	00:50-00:55	50.1	49.4	03:50-03:55	49.2	48.7	06:50-06:55	53.8	48.8
21:55-22:00	48.1	47.5	00:55-01:00	50.8	48.1	03:55-04:00	49.7	48.8	06:55-07:00	53.8	48.8
22:00-22:05	48.0	47.5	01:00-01:05	50.8	49.6	04:00-04:05	49.8	48.0	07:00-07:05	54.1	48.6
22:05-22:10	48.8	48.8	01:05-01:10	50.5	48.7	04:05-04:10	50.4	48.4	07:05-07:10	52.6	48.9
22:10-22:15	48.7	48.4	01:10-01:15	50.4	48.6	04:10-04:15	50.3	48.5	07:10-07:15	51.8	48.8
22:15-22:20	48.8	48.7	01:15-01:20	50.4	49.4	04:15-04:20	50.6	48.7	07:15-07:20	51.8	48.8
22:20-22:25	50.2	48.4	01:20-01:25	50.8	48.7	04:20-04:25	50.3	49.4	07:20-07:25	53.6	48.4
22:25-22:30	51.3	48.9	01:25-01:30	50.4	48.5	04:25-04:30	50.1	49.1	07:25-07:30	54.4	49.9
22:30-22:35	50.1	48.0	01:30-01:35	50.3	48.4	04:30-04:35	50.0	48.2	07:30-07:35	52.1	49.3
22:35-22:40	50.8	48.6	01:35-01:40	52.4	48.5	04:35-04:40	51.1	48.8	07:35-07:40	53.8	48.1
22:40-22:45	50.3	48.5	01:40-01:45	49.8	48.9	04:40-04:45	50.0	49.3	07:40-07:45	51.3	48.4
22:45-22:50	49.9	48.1	01:45-01:50	50.8	48.8	04:45-04:50	50.9	48.3	07:45-07:50	50.4	48.1
22:50-22:55	49.6	48.2	01:50-01:55	51.6	50.0	04:50-04:55	50.9	48.3	07:50-07:55	53.4	48.2
22:55-23:00	49.8	48.2	01:55-02:00	50.3	48.6	04:55-05:00	50.3	48.2	07:55-08:00	48.4	48.4

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Witthavedi Rangsit Road, Thung Song Hong, Lat 9, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 113/390 Moo 15, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khul Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Khul, Tambon The Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WG284) 47P-0502978 E, 1531948 N
Measured Date : May 10, 2025
Measured By : Mr.Nitad Sriched
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-210 Serial Number 820464

Quotation No. : AR2025-00704
Analysis No. : 2025-AC053-039
Report No. : 2025-RA01708
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	51.1	49.2	11:00-11:05	54.2	52.3	14:00-14:05	51.7	49.2	17:00-17:05	51.2	50.4
08:05-08:10	52.6	49.8	11:05-11:10	56.0	51.0	14:05-14:10	52.2	50.1	17:05-17:10	52.8	51.0
08:10-08:15	52.6	51.2	11:10-11:15	55.9	50.9	14:10-14:15	55.1	49.8	17:10-17:15	53.9	50.1
08:15-08:20	51.7	49.4	11:15-11:20	52.8	51.0	14:15-14:20	52.2	49.6	17:15-17:20	52.4	49.1
08:20-08:25	52.4	50.7	11:20-11:25	50.7	49.0	14:20-14:25	53.8	50.0	17:20-17:25	52.0	49.3
08:25-08:30	52.6	52.5	11:25-11:30	50.7	49.4	14:25-14:30	52.1	50.6	17:25-17:30	50.6	48.5
08:30-08:35	54.3	49.8	11:30-11:35	51.8	49.2	14:30-14:35	52.7	50.5	17:30-17:35	52.1	49.0
08:35-08:40	55.4	53.5	11:35-11:40	52.8	49.1	14:35-14:40	52.6	49.6	17:35-17:40	52.9	49.1
08:40-08:45	55.4	53.5	11:40-11:45	52.8	49.1	14:40-14:45	49.5	49.8	17:40-17:45	50.7	48.6
08:45-08:50	52.1	55.1	11:45-11:50	51.8	50.2	14:45-14:50	50.1	49.4	17:45-17:50	50.7	49.3
08:50-08:55	50.9	56.7	11:50-11:55	51.8	50.5	14:50-14:55	49.8	49.2	17:50-17:55	52.5	50.9
08:55-09:00	50.0	58.5	11:55-12:00	52.4	50.5	14:55-15:00	50.5	49.5	17:55-18:00	50.4	49.1
09:00-09:05	52.2	52.4	12:00-12:05	51.8	50.8	15:00-15:05	51.8	50.8	18:00-18:05	50.4	49.0
09:05-09:10	54.2	51.8	12:05-12:10	51.8	50.8	15:05-15:10	51.1	50.1	18:05-18:10	52.4	50.7
09:10-09:15	52.1	51.8	12:10-12:15	50.5	49.8	15:10-15:15	51.8	49.6	18:10-18:15	50.7	49.4
09:15-09:20	52.4	50.4	12:15-12:20	50.0	49.8	15:15-15:20	51.8	49.5	18:15-18:20	50.7	50.1
09:20-09:25	52.0	50.1	12:20-12:25	50.0	49.7	15:20-15:25	54.3	50.7	18:20-18:25	52.8	49.7
09:25-09:30	52.9	50.8	12:25-12:30	51.0	49.4	15:25-15:30	50.7	50.3	18:25-18:30	50.8	50.1
09:30-09:35	50.4	50.5	12:30-12:35	51.7	49.8	15:30-15:35	55.1	52.6	18:30-18:35	50.1	52.6
09:35-09:40	51.2	49.8	12:35-12:40	50.4	50.1	15:35-15:40	52.7	50.7	18:35-18:40	52.4	50.3
09:40-09:45	50.4	49.4	12:40-12:45	51.1	49.9	15:40-15:45	50.8	50.6	18:40-18:45	50.5	50.2
09:45-09:50	51.6	50.1	12:45-12:50	50.6	49.2	15:45-15:50	50.7	50.2	18:45-18:50	52.4	52.4
09:50-09:55	51.9	49.8	12:50-12:55	52.4	50.1	15:50-15:55	50.0	52.8	18:50-18:55	50.3	49.8
09:55-10:00	52.7	50.8	12:55-13:00	52.1	49.9	15:55-16:00	50.3	50.8	18:55-19:00	51.8	50.1
10:00-10:05	56.7	52.4	13:00-13:05	51.8	50.6	16:00-16:05	50.0	49.8	19:00-19:05	52.4	52.5
10:05-10:10	57.3	56.3	13:05-13:10	51.3	50.7	16:05-16:10	52.8	49.8	19:05-19:10	50.5	50.9
10:10-10:15	54.3	52.2	13:10-13:15	52.4	50.6	16:10-16:15	50.8	49.8	19:10-19:15	50.4	51.4
10:15-10:20	54.3	50.8	13:15-13:20	52.6	52.3	16:15-16:20	50.2	49.4	19:15-19:20	50.4	51.4
10:20-10:25	53.6	51.7	13:20-13:25	52.5	52.6	16:20-16:25	52.4	49.6	19:20-19:25	50.3	50.9
10:25-10:30	51.6	50.2	13:25-13:30	52.8	51.1	16:25-16:30	52.4	49.6	19:25-19:30	50.7	50.9
10:30-10:35	52.8	50.8	13:30-13:35	51.1	49.9	16:30-16:35	50.8	49.8	19:30-19:35	50.4	50.9
10:35-10:40	52.9	50.9	13:35-13:40	52.1	50.1	16:35-16:40	50.8	49.4	19:35-19:40	50.1	50.2
10:40-10:45	52.9	50.9	13:40-13:45	53.4	51.0	16:40-16:45	52.3	49.8	19:40-19:45	50.4	50.1
10:45-10:50	51.0	50.5	13:45-13:50	53.4	51.0	16:45-16:50	52.3	51.1	19:45-19:50	50.4	50.9
10:50-10:55	51.3	50.5	13:50-13:55	52.5	52.5	16:50-16:55	52.3	50.8	19:50-19:55	50.4	50.9
10:55-11:00	52.3	52.1	13:55-14:00	52.4	50.2	16:55-17:00	50.9	49.9	19:55-20:00	50.7	52.1

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Witthavedi Rangsit Road, Thung Song Hong, Lat 9, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 113/390 Moo 15, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khul Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Khul, Tambon The Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WG284) 47P-0502978 E, 1531948 N
Measured Date : May 10-11, 2025
Measured By : Mr.Nitad Sriched
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-210 Serial Number 820464

Quotation No. : AR2025-00706
Analysis No. : 2025-AC053-039
Report No. : 2025-RA01708
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	50.9	50.8	23:00-23:05	50.8	50.2	02:00-02:05	51.5	50.1	05:00-05:05	52.5	50.1
20:05-20:10	50.7	55.4	23:05-23:10	50.5	49.1	02:05-02:10	51.1	50.4	05:05-05:10	52.6	50.5
20:10-20:15	50.0	57.8	23:10-23:15	50.0	49.8	02:10-02:15	51.0	50.5	05:10-05:15	52.9	50.6
20:15-20:20	50.8	55.2	23:15-23:20	50.6	50.3	02:15-02:20	51.0	50.1	05:15-05:20	53.5	51.2
20:20-20:25	49.8	54.1	23:20-23:25	50.9	49.8	02:20-02:25	50.5	50.2	05:20-05:25	58.0	53.8
20:25-20:30	52.0	54.3	23:25-23:30	50.8	49.9	02:25-02:30	50.8	50.3	05:25-05:30	58.6	54.8
20:30-20:35	52.1	54.5	23:30-23:35	50.4	49.9	02:30-02:35	51.8	54.2	05:30-05:35	59.6	56.0
20:35-20:40	50.8	54.7	23:35-23:40	51.0	50.1	02:35-02:40	51.3	50.5	05:35-05:40	62.4	55.7
20:40-20:45	52.3	54.8	23:40-23:45	51.2	49.9	02:40-02:45	50.4	50.2	05:40-05:45	60.8	52.3
20:45-20:50	52.7	50.1	23:45-23:50	51.3	50.6	02:45-02:50	51.1	50.5	05:45-05:50	57.8	52.1
20:50-20:55	50.2	50.8	23:50-23:55	51.2	50.2	02:50-02:55	51.8	50.7	05:50-05:55	59.8	52.5
20:55-21:00	50.6	55.8	23:55-00:00	50.2	49.7	02:55-03:00	51.1	50.3	05:55-06:00	58.5	52.6
21:00-21:05	50.4	56.9	00:00-00:05	50.7	49.9	03:00-03:05	50.7	50.1	06:00-06:05	52.2	50.0
21:05-21:10	50.7	50.8	00:05-00:10	51.2	50.1	03:05-03:10	51.1	50.3	06:05-06:10	52.5	50.4
21:10-21:15	50.8	50.1	00:10-00:15	50.8	49.9	03:10-03:15	52.3	50.8	06:10-06:15	56.5	50.9
21:15-21:20	57.8	50.4	00:15-00:20	50.7	50.9	03:15-03:20	51.4	50.7	06:15-06:20	57.1	50.4
21:20-21:25	57.5	50.8	00:20-00:25	50.5	49.2	03:20-03:25	50.8	50.8	06:20-06:25	57.7	49.9
21:25-21:30	50.0	55.8	00:25-00:30	50.4	49.1	03:25-03:30	50.2	49.5	06:25-06:30	51.8	49.8
21:30-21:35	50.6	54.7	00:30-00:35	50.1	49.4	03:30-03:35	50.1	49.4	06:30-06:35	57.7	49.4
21:35-21:40	54.5	53.8	00:35-00:40	50.2	49.6	03:35-03:40	50.2	49.5	06:35-06:40	51.6	49.1
21:40-21:45	52.7	53.0	00:40-00:45	49.7	49.0	03:40-03:45	49.8	49.2	06:40-06:45	51.1	49.1
21:45-21:50	52.4	52.8	00:45-00:50	50.5	49.9	03:45-03:50	50.4	49.4	06:45-06:50	52.7	49.7
21:50-21:55	52.4	50.7	00:50-00:55	50.2	49.7	03:50-03:55	50.9	49.4	06:50-06:55	54.2	49.2
21:55-22:00	51.0	52.1	00:55-01:00	50.4	49.7	03:55-04:00	50.4	49.6	06:55-07:00	50.1	48.8
22:00-22:05	52.4	51.6	01:00-01:05	50.7	50.1	04:00-04:05	50.3	49.3	07:00-07:05	50.3	49.6
22:05-22:10	51.9	51.0	01:05-01:10	50.8	50.3	04:05-04:10	50.6	49.1	07:05-07:10	51.6	49.2
22:10-22:15	51.5	50.8	01:10-01:15	50.5	49.9	04:10-04:15	50.3	49.2	07:10-07:15	52.8	49.8
22:15-22:20	50.9	50.3	01:15-01:20	50.3	49.7	04:15-04:20	50.4	49.4	07:15-07:20	51.1	49.9
22:20-22:25	50.9	50.1	01:20-01:25	50.5	49.8	04:20-04:25	50.2	49.7	07:20-07:25	51.4	49.2
22:25-22:30	50.5	49.7	01:25-01:30	50.2	49.6	04:25-04:30	51.6	50.3	07:25-07:30	51.1	49.1
22:30-22:35	50.7	50.0	01:30-01:35	50.6	49.9	04:30-04:35	51.8	50.8	07:30-07:35	50.8	49.3
22:35-22:40	51.1	50.2	01:35-01:40	51.8	50.1	04:35-04:40	52.1	50.5	07:35-07:40	49.9	48.8
22:40-22:45	51.2	50.5	01:40-01:45	51.8	50.1	04:40-04:45	52.4	50.6	07:40-07:45	50.3	49.0
22:45-22:50	51.8	50.9	01:45-01:50	50.8	50.2	04:45-04:50	52.3	50.5	07:45-07:50	51.1	49.4
22:50-22:55	52.1	50.7	01:50-01:55	51.2	50.6	04:50-04:55	52.3	51.1	07:50-07:55	51.4	49.7
22:55-23:00	51.1	50.8	01:55-02:00	51.7	50.4	04:55-05:00	52.4	51.3	07:55-08:00	52.4	49.8

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 5500 Tower, Witthaya Rangsit Road, Thung Song Hong, Lat. Ph. Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 15/380 Moo 19, The Phra, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khual Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Khual, Tambon The Phra, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WG84) 47P 0592578 E, 1531948 N
Measured Date : May 11, 2025
Measured By : Mr.Natd Siriched
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scanner Tech Model ST-21D Serial Number 826464

Quotation No. : JAR2025-00288
Analysis No. : J2025-AC083-039
Report No. : J2025-RAAL708
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	52.3	50.4	10:05-10:10	40.7	48.2	14:00-14:05	49.2	45.8	17:00-17:05	52.0	51.8
08:05-08:10	52.5	50.5	10:10-10:15	48.9	48.0	14:05-14:10	48.1	44.2	17:05-17:10	54.8	51.0
08:10-08:15	58.3	51.4	10:15-10:20	48.8	48.4	14:10-14:15	48.3	48.3	17:10-17:15	54.3	51.1
08:15-08:20	58.3	51.8	10:20-10:25	40.1	48.3	14:15-14:20	48.9	47.5	17:15-17:20	53.4	50.5
08:20-08:25	54.2	51.7	10:25-10:30	40.8	48.1	14:20-14:25	48.4	47.2	17:20-17:25	52.7	51.8
08:25-08:30	53.1	51.8	10:30-10:35	51.7	48.7	14:25-14:30	47.5	48.4	17:25-17:30	52.7	51.8
08:30-08:35	54.1	51.8	10:35-10:40	51.1	48.8	14:30-14:35	48.5	48.8	17:30-17:35	53.0	51.5
08:35-08:40	54.6	51.4	10:40-10:45	51.2	48.5	14:35-14:40	48.4	47.1	17:35-17:40	52.8	52.1
08:40-08:45	54.2	51.7	10:45-10:50	48.0	47.4	14:40-14:45	48.5	47.3	17:40-17:45	54.4	52.4
08:45-08:50	52.2	50.9	10:50-10:55	48.8	47.4	14:45-14:50	48.2	47.2	17:45-17:50	55.2	53.6
08:50-08:55	51.6	51.8	10:55-11:00	48.4	46.8	14:50-14:55	48.5	46.8	17:50-17:55	55.9	53.4
08:55-09:00	51.8	50.0	11:00-11:05	50.8	47.3	14:55-15:00	48.9	46.8	17:55-18:00	56.0	52.7
09:00-09:05	52.7	50.2	11:05-11:10	48.4	48.1	15:00-15:05	50.3	46.8	18:00-18:05	54.8	52.5
09:05-09:10	51.6	48.9	11:10-11:15	48.3	47.6	15:05-15:10	51.7	46.1	18:05-18:10	53.4	52.6
09:10-09:15	52.8	51.8	11:15-11:20	50.9	48.7	15:10-15:15	53.4	48.8	18:10-18:15	53.9	52.7
09:15-09:20	51.7	50.8	11:20-11:25	52.9	48.7	15:15-15:20	47.4	48.2	18:15-18:20	54.2	52.4
09:20-09:25	50.8	49.8	11:25-11:30	50.4	48.2	15:20-15:25	49.3	48.9	18:20-18:25	52.7	51.7
09:25-09:30	50.7	49.8	11:30-11:35	48.7	47.2	15:25-15:30	49.8	48.2	18:25-18:30	52.7	51.5
09:30-09:35	51.3	48.7	11:35-11:40	52.1	47.2	15:30-15:35	49.0	48.3	18:30-18:35	52.6	51.1
09:35-09:40	51.1	48.7	11:40-11:45	49.8	47.0	15:35-15:40	49.2	46.8	18:35-18:40	52.4	50.9
09:40-09:45	52.7	48.4	11:45-11:50	47.5	45.8	15:40-15:45	48.2	45.5	18:40-18:45	53.5	51.8
09:45-09:50	50.2	48.1	11:50-11:55	58.1	48.4	15:45-15:50	51.4	45.7	18:45-18:50	53.2	51.7
09:50-09:55	49.1	46.8	11:55-12:00	48.5	45.5	15:50-15:55	47.8	48.2	18:50-18:55	49.8	48.8
09:55-10:00	50.9	46.9	12:00-12:05	48.1	46.4	15:55-16:00	48.1	45.5	18:55-19:00	60.2	54.5
10:00-10:05	50.9	46.6	12:05-12:10	48.5	48.5	16:00-16:05	49.2	48.0	19:00-19:05	51.4	54.5
10:05-10:10	50.8	48.9	12:10-12:15	47.2	45.6	16:05-16:10	48.5	46.1	19:05-19:10	51.1	54.3
10:10-10:15	51.8	49.0	12:15-12:20	48.8	46.3	16:10-16:15	50.7	46.8	19:10-19:15	50.7	48.9
10:15-10:20	50.4	48.6	12:20-12:25	48.8	47.4	16:15-16:20	50.9	48.2	19:15-19:20	50.6	48.4
10:20-10:25	52.5	49.8	12:25-12:30	48.7	48.7	16:20-16:25	48.2	48.4	19:20-19:25	49.9	48.8
10:25-10:30	52.4	49.2	12:30-12:35	50.5	48.8	16:25-16:30	51.8	48.9	19:25-19:30	51.4	49.2
10:30-10:35	50.4	48.1	12:35-12:40	48.1	46.8	16:30-16:35	51.9	48.4	19:30-19:35	50.3	48.7
10:35-10:40	51.8	48.2	12:40-12:45	47.9	46.4	16:35-16:40	51.8	49.2	19:35-19:40	50.1	48.7
10:40-10:45	51.7	48.1	12:45-12:50	47.9	46.2	16:40-16:45	52.9	54.5	19:40-19:45	49.3	48.5
10:45-10:50	49.8	48.8	12:50-12:55	47.2	45.9	16:45-16:50	54.3	52.0	19:45-19:50	48.4	48.2
10:50-10:55	51.4	48.1	12:55-13:00	47.8	44.1	16:50-16:55	50.9	52.1	19:50-19:55	51.8	49.2
10:55-11:00	48.3	48.4	13:00-13:05	46.9	44.7	16:55-17:00	54.6	52.1	19:55-20:00	52.1	47.9

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 5500 Tower, Witthaya Rangsit Road, Thung Song Hong, Lat. Ph. Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 15/380 Moo 19, The Phra, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khual Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Khual, Tambon The Phra, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WG84) 47P 0592578 E, 1531948 N
Measured Date : May 11-13, 2025
Measured By : Mr.Natd Siriched
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scanner Tech Model ST-21D Serial Number 826464

Quotation No. : JAR2025-00288
Analysis No. : J2025-AC083-039
Report No. : J2025-RAAL708
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	49.6	48.1	22:00-22:05	48.4	47.7	02:00-02:05	49.4	48.4	04:00-04:05	53.8	49.3
20:05-20:10	49.6	48.8	22:05-22:10	48.4	47.8	02:05-02:10	49.3	48.2	04:05-04:10	54.8	49.8
20:10-20:15	49.5	48.5	22:10-22:15	47.8	47.9	02:10-02:15	49.8	48.3	04:10-04:15	58.7	49.3
20:15-20:20	48.2	48.5	22:15-22:20	49.2	47.7	02:15-02:20	49.8	48.4	04:15-04:20	52.9	48.9
20:20-20:25	51.7	48.9	22:20-22:25	48.8	47.4	02:20-02:25	50.8	49.0	04:20-04:25	53.0	50.7
20:25-20:30	49.6	48.9	22:25-22:30	48.8	47.4	02:25-02:30	48.4	48.8	04:25-04:30	52.3	50.6
20:30-20:35	49.8	48.1	22:30-22:35	48.5	47.3	02:30-02:35	50.7	49.8	04:30-04:35	54.8	50.7
20:35-20:40	50.4	48.9	22:35-22:40	48.4	47.4	02:35-02:40	48.9	49.3	04:35-04:40	58.8	52.4
20:40-20:45	51.1	49.7	22:40-22:45	48.3	47.1	02:40-02:45	48.8	49.1	04:40-04:45	50.9	51.6
20:45-20:50	51.8	48.9	22:45-22:50	48.8	47.8	02:45-02:50	49.8	49.1	04:45-04:50	55.3	53.3
20:50-20:55	49.2	48.2	22:50-22:55	48.9	47.7	02:50-02:55	49.8	48.8	04:50-04:55	52.7	51.4
20:55-21:00	49.8	48.3	22:55-03:00	50.7	48.2	02:55-03:00	49.1	48.3	04:55-05:00	53.8	51.3
21:00-21:05	49.4	48.3	03:00-03:05	49.1	47.6	03:00-03:05	49.1	48.1	05:00-05:05	52.5	52.7
21:05-21:10	48.5	47.8	03:05-03:10	48.8	47.6	03:05-03:10	49.8	48.2	05:05-05:10	53.7	49.8
21:10-21:15	48.8	47.8	03:10-03:15	49.3	47.7	03:10-03:15	50.6	49.6	05:10-05:15	52.0	50.1
21:15-21:20	58.2	47.8	03:15-03:20	49.8	48.4	03:15-03:20	48.5	49.8	05:15-05:20	51.1	48.9
21:20-21:25	48.8	48.8	03:20-03:25	49.2	48.4	03:20-03:25	50.1	49.4	05:20-05:25	51.2	48.7
21:25-21:30	52.7	47.4	03:25-03:30	48.7	47.8	03:25-03:30	50.5	48.8	05:25-05:30	51.2	48.4
21:30-21:35	48.8	48.8	03:30-03:35	48.2	48.2	03:30-03:35	50.8	49.8	05:30-05:35	50.7	49.5
21:35-21:40	48.1	47.1	03:35-03:40	48.5	47.8	03:35-03:40	51.1	50.0	05:35-05:40	54.1	49.6
21:40-21:45	48.9	47.4	03:40-03:45	48.1	47.3	03:40-03:45	51.8	50.1	05:40-05:45	50.5	49.1
21:45-21:50	48.8	47.9	03:45-03:50	50.8	47.3	03:45-03:50	50.8	50.1	05:45-05:50	51.4	48.0
21:50-21:55	49.8	48.1	03:50-03:55	48.4	47.6	03:50-03:55	50.7	48.9	05:50-05:55	58.8	48.4
21:55-22:00	49.8	48.0	03:55-04:00	48.3	48.5	03:55-04:00	51.2	48.9	05:55-06:00	51.8	48.5
22:00-22:05	49.2	48.3	04:00-04:05	48.4	48.6	04:00-04:05	51.4	50.1	06:00-06:05	52.3	48.3
22:05-22:10	48.8	47.7	04:05-04:10	49.4	48.4	04:05-04:10	51.3	50.1	06:05-06:10	51.4	48.2
22:10-22:15	48.2	47.6	04:10-04:15	49.2	48.5	04:10-04:15	51.2	50.2	06:10-06:15	50.9	48.2
22:15-22:20	48.3	47.8	04:15-04:20	49.2	48.3	04:15-04:20	51.3	49.8	06:15-06:20	51.2	48.4
22:20-22:25	49.0	48.9	04:20-04:25	49.5	48.7	04:20-04:25	50.8	49.8	06:20-06:25	50.4	48.8
22:25-22:30	49.7	48.4	04:25-04:30	49.4	48.6	04:25-04:30	51.3	50.3	06:25-06:30	50.1	48.6
22:30-22:35	48.9	48.3	04:30-04:35	48.5	48.8	04:30-04:35	51.7	50.4	06:30-06:35	52.6	47.9
22:35-22:40	48.6	47.8	04:35-04:40	48.4	48.5	04:35-04:40	51.4	50.3	06:35-06:40	53.7	48.5
22:40-22:45	48.6	48.2	04:40-04:45	48.7	48.3	04:40-04:45	52.8	50.4	06:40-06:45	51.3	48.5
22:45-22:50	49.1	48.2	04:45-04:50	48.0	48.4	04:45-04:50	51.8	50.2	06:45-06:50	50.6	48.2
22:50-22:55	48.9	48.2	04:50-04:55	48.8	48.4	04:50-04:55	51.5	49.8	06:50-06:55	51.7	48.3
22:55-23:00	49.3	47.6	04:55-05:00	48.7	48.1	04:55-05:00	52.0	49.1	06:55-07:00	52.1	47.9

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 1221 EGCO Tower, Witthalai Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 115/308 Moo 18, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khul Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Khul, Tandon Tha Pha, Banpong District, Ratchaburi Province
GPS, Coordinate : UTM (WGS84) 47P 6502978 E, 1531948 N
Measured Date : May 12, 2025
Measured By : Mr.Natit Siriched
Analized By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scairt Tech Model ST-21D Serial Number 820464

Quotation No. : AR025-00296
Analysis No. : 2025-AC063-039
Report No. : 2025-RA0708
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	57.3	48.1	11:05-11:10	46.4	46.3	14:00-14:05	49.5	47.0	17:00-17:05	55.9	48.6
08:05-08:10	55.2	48.4	11:10-11:15	46.5	46.5	14:05-14:10	55.9	46.7	17:05-17:10	55.9	48.7
08:10-08:15	55.4	47.5	11:15-11:20	48.8	46.8	14:10-14:15	48.4	46.0	17:10-17:15	53.1	48.5
08:15-08:20	56.3	48.9	11:20-11:25	50.8	50.2	14:15-14:20	50.1	46.3	17:15-17:20	48.0	47.9
08:20-08:25	55.4	48.3	11:25-11:30	50.8	51.8	14:20-14:25	48.4	48.4	17:20-17:25	49.3	47.6
08:25-08:30	49.9	48.2	11:30-11:35	50.9	51.8	14:25-14:30	48.4	47.8	17:25-17:30	46.0	47.5
08:30-08:35	53.4	48.0	11:35-11:40	53.4	52.7	14:30-14:35	46.7	46.7	17:30-17:35	50.4	47.2
08:35-08:40	48.6	47.4	11:40-11:45	50.8	52.3	14:35-14:40	46.7	48.4	17:35-17:40	51.5	47.5
08:40-08:45	49.1	47.5	11:45-11:50	50.9	50.7	14:40-14:45	46.7	47.3	17:40-17:45	51.2	47.7
08:45-08:50	49.3	47.6	11:50-11:55	51.5	50.5	14:45-14:50	46.3	46.7	17:45-17:50	51.8	48.1
08:50-08:55	48.9	47.7	11:55-12:00	50.5	50.3	14:50-14:55	46.8	46.9	17:50-17:55	50.8	48.3
08:55-09:00	51.7	46.1	12:00-12:05	50.1	49.4	14:55-15:00	46.8	47.7	17:55-18:00	50.1	48.4
09:00-09:05	49.6	48.0	12:05-12:10	51.3	49.0	15:00-15:05	50.6	47.3	18:00-18:05	50.1	48.5
09:05-09:10	51.4	48.9	12:10-12:15	54.7	53.1	15:05-15:10	50.9	48.4	18:05-18:10	48.5	47.7
09:10-09:15	58.0	48.9	12:15-12:20	56.3	56.1	15:10-15:15	50.6	48.3	18:10-18:15	50.1	47.9
09:15-09:20	51.4	48.9	12:20-12:25	55.3	52.6	15:15-15:20	49.3	46.1	18:15-18:20	49.6	47.9
09:20-09:25	49.8	48.8	12:25-12:30	49.7	46.2	15:20-15:25	48.5	46.8	18:20-18:25	48.5	47.3
09:25-09:30	50.1	48.0	12:30-12:35	50.3	48.1	15:25-15:30	47.9	46.9	18:25-18:30	49.2	47.9
09:30-09:35	50.0	48.8	12:35-12:40	50.6	47.8	15:30-15:35	47.7	45.9	18:30-18:35	52.2	48.4
09:35-09:40	50.0	48.5	12:40-12:45	48.6	46.8	15:35-15:40	49.5	48.4	18:35-18:40	51.2	48.1
09:40-09:45	52.3	48.0	12:45-12:50	49.8	47.1	15:40-15:45	48.2	46.1	18:40-18:45	51.4	48.7
09:45-09:50	53.6	50.7	12:50-12:55	48.4	47.3	15:45-15:50	46.5	46.5	18:45-18:50	52.9	50.3
09:50-09:55	51.5	46.8	12:55-13:00	51.7	48.3	15:50-15:55	49.9	46.7	18:50-18:55	50.7	48.7
09:55-10:00	54.1	48.3	13:00-13:05	48.1	46.1	15:55-16:00	48.4	47.3	18:55-19:00	44.8	48.4
10:00-10:05	49.4	46.5	13:05-13:10	48.4	48.5	16:00-16:05	50.8	47.5	19:00-19:05	48.6	48.1
10:05-10:10	56.5	46.7	13:10-13:15	51.3	46.8	16:05-16:10	50.1	46.9	19:05-19:10	50.5	48.6
10:10-10:15	50.1	48.2	13:15-13:20	48.9	46.7	16:10-16:15	48.5	47.1	19:10-19:15	49.9	48.6
10:15-10:20	51.4	48.6	13:20-13:25	46.0	47.0	16:15-16:20	48.7	47.4	19:15-19:20	49.0	48.7
10:20-10:25	49.8	47.9	13:25-13:30	47.7	46.3	16:20-16:25	47.7	46.3	19:20-19:25	51.2	49.8
10:25-10:30	51.8	48.1	13:30-13:35	48.8	47.2	16:25-16:30	48.5	46.5	19:25-19:30	50.1	48.6
10:30-10:35	50.8	48.2	13:35-13:40	50.9	46.9	16:30-16:35	48.9	47.0	19:30-19:35	49.1	48.5
10:35-10:40	49.3	48.6	13:40-13:45	49.0	50.1	16:35-16:40	48.6	46.6	19:35-19:40	51.4	48.4
10:40-10:45	49.1	47.7	13:45-13:50	50.5	48.9	16:40-16:45	48.2	47.5	19:40-19:45	48.1	48.1
10:45-10:50	49.4	48.2	13:50-13:55	50.5	46.9	16:45-16:50	49.8	47.5	19:45-19:50	50.2	48.2
10:50-10:55	50.2	48.6	13:55-14:00	49.0	44.7	16:50-16:55	50.3	48.0	19:50-19:55	48.7	48.0
10:55-11:00	50.0	48.7	14:00-14:05	48.2	46.9	16:55-17:00	50.2	48.6	19:55-20:00	48.8	47.3

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 1221 EGCO Tower, Witthalai Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 115/308 Moo 18, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khul Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Khul, Tandon Tha Pha, Banpong District, Ratchaburi Province
GPS, Coordinate : UTM (WGS84) 47P 6502978 E, 1531948 N
Measured Date : May 12-13, 2025
Measured By : Mr.Natit Siriched
Analized By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scairt Tech Model ST-21D Serial Number 820464

Quotation No. : AR025-00296
Analysis No. : 2025-AC063-039
Report No. : 2025-RA0708
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	46.6	48.0	23:00-23:05	49.1	46.7	02:00-02:05	48.9	48.3	05:00-05:05	58.5	49.0
20:05-20:10	46.1	48.2	23:05-23:10	49.4	46.7	02:05-02:10	49.0	48.2	05:05-05:10	58.2	48.7
20:10-20:15	49.1	48.3	23:10-23:15	48.4	46.7	02:10-02:15	48.9	48.3	05:10-05:15	58.0	48.5
20:15-20:20	46.6	47.7	23:15-23:20	48.7	46.7	02:15-02:20	48.2	48.5	05:15-05:20	50.6	48.9
20:20-20:25	48.7	47.7	23:20-23:25	48.4	46.7	02:20-02:25	48.9	48.2	05:20-05:25	49.6	48.5
20:25-20:30	48.8	47.9	23:25-23:30	48.2	48.2	02:25-02:30	48.8	48.1	05:25-05:30	50.9	48.8
20:30-20:35	49.3	48.1	23:30-23:35	49.4	48.5	02:30-02:35	48.8	48.1	05:30-05:35	50.2	50.1
20:35-20:40	48.8	48.8	23:35-23:40	48.1	48.4	02:35-02:40	48.4	47.7	05:35-05:40	51.4	52.2
20:40-20:45	48.7	47.8	23:40-23:45	51.6	48.3	02:40-02:45	48.7	48.0	05:40-05:45	52.7	51.7
20:45-20:50	48.4	47.8	23:45-23:50	50.4	48.4	02:45-02:50	49.2	48.0	05:45-05:50	52.8	52.3
20:50-20:55	46.7	47.8	23:50-23:55	48.4	48.3	02:50-02:55	49.4	48.3	05:50-05:55	52.6	48.5
20:55-21:00	49.2	48.3	23:55-00:00	48.8	48.3	02:55-03:00	48.8	48.1	05:55-06:00	58.8	48.1
21:00-21:05	48.6	48.4	00:00-00:05	48.8	48.1	03:00-03:05	49.0	48.2	06:00-06:05	51.1	48.3
21:05-21:10	48.7	48.5	00:05-00:10	48.7	48.2	03:05-03:10	49.0	48.1	06:05-06:10	51.0	48.9
21:10-21:15	49.6	48.7	00:10-00:15	48.8	48.2	03:10-03:15	48.8	47.8	06:10-06:15	50.3	48.1
21:15-21:20	49.3	48.8	00:15-00:20	49.7	48.8	03:15-03:20	48.8	47.9	06:15-06:20	51.1	49.1
21:20-21:25	49.9	48.5	00:20-00:25	48.3	48.6	03:20-03:25	49.0	47.9	06:20-06:25	51.2	48.3
21:25-21:30	49.6	48.0	00:25-00:30	48.4	48.8	03:25-03:30	49.5	48.1	06:25-06:30	51.3	48.1
21:30-21:35	49.0	48.5	00:30-00:35	48.7	48.8	03:30-03:35	49.1	48.2	06:30-06:35	50.8	48.1
21:35-21:40	49.2	48.5	00:35-00:40	49.5	48.6	03:35-03:40	49.1	48.5	06:35-06:40	48.8	47.9
21:40-21:45	49.4	48.8	00:40-00:45	50.0	48.7	03:40-03:45	49.5	48.6	06:40-06:45	49.6	47.8
21:45-21:50	48.9	48.8	00:45-00:50	49.8	48.0	03:45-03:50	49.5	48.6	06:45-06:50	48.6	47.7
21:50-21:55	49.1	48.1	00:50-00:55	50.0	49.2	03:50-03:55	49.6	48.5	06:50-06:55	49.5	47.4
21:55-22:00	49.8	48.4	00:55-01:00	49.4	48.0	03:55-04:00	49.2	48.1	06:55-07:00	49.1	47.8
22:00-22:05	48.8	48.3	01:00-01:05	49.8	48.8	04:00-04:05	48.2	48.4	07:00-07:05	50.4	47.9
22:05-22:10	48.1	48.4	01:05-01:10	49.8	48.6	04:05-04:10	48.8	48.3	07:05-07:10	50.3	47.4
22:10-22:15	49.1	48.5	01:10-01:15	49.8	49.8	04:10-04:15	48.8	48.3	07:10-07:15	50.4	47.7
22:15-22:20	50.8	48.7	01:15-01:20	49.7	48.8	04:15-04:20	49.6	48.4	07:15-07:20	50.8	48.8
22:20-22:25	49.9	48.9	01:20-01:25	52.2	49.2	04:20-04:25	49.9	48.5	07:20-07:25	50.1	47.9
22:25-22:30	49.1	48.5	01:25-01:30	50.1	49.3	04:25-04:30	50.1	48.5	07:25-07:30	51.4	48.6
22:30-22:35	49.6	48.8	01:30-01:35	50.1	49.8	04:30-04:35	50.5	48.6	07:30-07:35	51.8	48.5
22:35-22:40	49.5	48.7	01:35-01:40	50.4	48.5	04:35-04:40	50.7	48.9	07:35-07:40	52.8	48.2
22:40-22:45	49.4	48.7	01:40-01:45	50.1	49.3	04:40-04:45	50.5	48.9	07:40-07:45	52.6	48.3
22:45-22:50	50.6	48.5	01:45-01:50	49.3	48.7	04:45-04:50	50.2	48.5	07:45-07:50	54.4	47.7
22:50-22:55	49.8	48.1	01:50-01:55	49.1	48.8	04:50-04:55	50.3	48.6	07:50-07:55	49.8	48.2
22:55-23:00	5	5	01:55-02:00	49.1	48.4	04:55-05:00	50.5	48.9	07:55-08:00	53.8	48.8

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Witheadi Bangat Road, Thung Song Hong, Lek 9, Bangkok 10212
Project Name : Green and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 113/300 Moo 19, Tho Pha, San Hong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khual Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Khual, Tambon Tho Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 479 050276 E, 1531948 N
Measured Date : May 13, 2025
Measured By : Mr.Nitad Sirichad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scaled Tech Model ST-21D Serial Number 820464

Quotation No. : JAR2025-00386
Analysis No. : J2025-AC053-039
Report No. : J2025-RAAL708
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	54.7	47.8	11:00-11:05	50.5	42.5	14:00-14:05	48.0	45.8	17:00-17:05	50.7	49.2
08:05-08:10	52.7	47.9	11:05-11:10	49.5	46.6	14:05-14:10	48.5	46.2	17:05-17:10	51.8	50.1
08:10-08:15	50.6	47.6	11:10-11:15	49.3	46.2	14:10-14:15	55.1	51.1	17:10-17:15	50.8	49.8
08:15-08:20	50.8	46.8	11:15-11:20	50.4	46.3	14:15-14:20	52.7	51.0	17:15-17:20	50.8	49.8
08:20-08:25	53.0	48.8	11:20-11:25	51.7	47.5	14:20-14:25	48.8	47.1	17:20-17:25	50.8	50.4
08:25-08:30	50.3	47.8	11:25-11:30	48.8	46.5	14:25-14:30	48.1	46.3	17:25-17:30	52.5	50.8
08:30-08:35	50.0	46.8	11:30-11:35	49.2	46.1	14:30-14:35	52.4	52.4	17:30-17:35	51.5	50.3
08:35-08:40	49.7	46.3	11:35-11:40	50.2	46.4	14:35-14:40	50.0	50.0	17:35-17:40	51.4	50.3
08:40-08:45	49.3	46.4	11:40-11:45	48.5	45.7	14:40-14:45	51.8	51.8	17:40-17:45	51.8	50.6
08:45-08:50	47.4	46.1	11:45-11:50	48.4	45.5	14:45-14:50	52.7	52.7	17:45-17:50	53.3	50.9
08:50-08:55	55.0	48.7	11:50-11:55	50.4	46.4	14:50-14:55	56.0	54.9	17:50-17:55	52.1	50.5
08:55-09:00	53.2	46.4	11:55-12:00	48.1	46.8	14:55-15:00	52.6	50.8	17:55-18:00	50.7	50.0
09:00-09:05	49.0	46.1	12:00-12:05	48.7	46.7	15:00-15:05	51.3	49.4	18:00-18:05	51.1	51.0
09:05-09:10	49.3	46.1	12:05-12:10	48.1	46.3	15:05-15:10	50.2	48.5	18:05-18:10	51.4	50.5
09:10-09:15	48.8	46.3	12:10-12:15	48.9	48.5	15:10-15:15	53.0	49.8	18:10-18:15	52.8	51.4
09:15-09:20	48.5	45.8	12:15-12:20	48.1	47.0	15:15-15:20	48.3	47.4	18:15-18:20	51.8	52.9
09:20-09:25	52.5	51.1	12:20-12:25	51.9	49.9	15:20-15:25	49.7	47.5	18:20-18:25	50.1	52.1
09:25-09:30	50.2	50.8	12:25-12:30	49.4	48.8	15:25-15:30	48.2	48.1	18:25-18:30	49.1	51.4
09:30-09:35	52.2	51.4	12:30-12:35	49.4	48.1	15:30-15:35	48.8	47.1	18:30-18:35	50.0	52.5
09:35-09:40	54.4	50.1	12:35-12:40	49.4	47.7	15:35-15:40	50.9	47.2	18:35-18:40	50.2	52.1
09:40-09:45	54.4	51.8	12:40-12:45	50.8	49.6	15:40-15:45	49.8	46.8	18:40-18:45	53.7	52.4
09:45-09:50	50.8	49.7	12:45-12:50	51.1	49.5	15:45-15:50	51.1	49.8	18:45-18:50	52.8	51.5
09:50-09:55	50.9	48.8	12:50-12:55	54.1	49.8	15:50-15:55	52.0	47.3	18:50-18:55	51.1	51.2
09:55-10:00	50.3	48.8	12:55-13:00	49.8	48.4	15:55-16:00	48.5	47.1	18:55-19:00	53.8	52.1
10:00-10:05	54.1	48.9	13:00-13:05	49.8	47.8	16:00-16:05	49.1	47.7	19:00-19:05	51.1	51.9
10:05-10:10	51.8	50.4	13:05-13:10	51.4	49.8	16:05-16:10	46.7	47.7	19:05-19:10	52.4	51.4
10:10-10:15	50.9	48.5	13:10-13:15	48.5	45.0	16:10-16:15	52.8	48.8	19:10-19:15	52.2	51.3
10:15-10:20	48.3	46.8	13:15-13:20	48.2	45.8	16:15-16:20	50.9	48.0	19:15-19:20	51.0	50.8
10:20-10:25	49.1	46.8	13:20-13:25	57.7	55.8	16:20-16:25	50.1	48.2	19:20-19:25	52.2	50.8
10:25-10:30	49.0	46.8	13:25-13:30	47.7	45.7	16:25-16:30	49.1	46.0	19:25-19:30	51.8	50.7
10:30-10:35	49.5	48.0	13:30-13:35	48.4	46.1	16:30-16:35	50.8	48.7	19:30-19:35	51.5	50.7
10:35-10:40	53.9	45.8	13:35-13:40	48.5	48.9	16:35-16:40	51.1	48.5	19:35-19:40	51.9	50.8
10:40-10:45	50.6	46.0	13:40-13:45	47.9	48.4	16:40-16:45	50.3	48.6	19:40-19:45	52.3	51.8
10:45-10:50	49.8	46.8	13:45-13:50	47.8	46.0	16:45-16:50	50.8	48.5	19:45-19:50	50.5	50.2
10:50-10:55	50.9	49.0	13:50-13:55	46.5	45.4	16:50-16:55	48.9	48.4	19:50-19:55	50.9	50.3
10:55-11:00	53.8	50.8	13:55-14:00	46.5	45.7	16:55-17:00	51.6	48.8	19:55-20:00	50.4	51.1

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Witheadi Bangat Road, Thung Song Hong, Lek 9, Bangkok 10212
Project Name : Green and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 113/300 Moo 19, Tho Pha, San Hong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khual Village, in the south-east of the Project, No.32/1 Moo 2, Ban Rai Khual, Tambon Tho Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WGS84) 479 050276 E, 1531948 N
Measured Date : May 13-14, 2025
Measured By : Mr.Nitad Sirichad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scaled Tech Model ST-21D Serial Number 820464

Quotation No. : JAR2025-00386
Analysis No. : J2025-AC053-039
Report No. : J2025-RAAL708
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
10:00-10:05	52.2	51.6	12:00-12:05	50.3	50.8	12:00-12:10	50.4	49.7	14:00-14:05	51.1	49.9
10:05-10:10	52.4	50.5	12:05-12:10	50.8	52.4	12:05-12:10	50.2	49.1	14:05-14:10	50.8	49.7
10:10-10:15	55.3	50.7	12:10-12:15	56.7	53.7	12:10-12:15	50.1	49.5	14:10-14:15	54.1	49.7
10:15-10:20	51.3	50.8	12:15-12:20	52.3	52.8	12:15-12:20	50.8	49.4	14:15-14:20	54.9	50.4
10:20-10:25	50.9	50.2	12:20-12:25	51.4	50.8	12:20-12:25	49.7	49.1	14:20-14:25	58.4	50.4
10:25-10:30	51.1	50.2	12:25-12:30	51.2	50.5	12:25-12:30	50.4	49.3	14:25-14:30	54.7	51.4
10:30-10:35	51.1	50.8	12:30-12:35	57.4	56.4	12:30-12:35	49.1	48.8	14:30-14:35	54.5	51.1
10:35-10:40	50.8	50.8	12:35-12:40	51.3	51.0	12:35-12:40	49.4	49.1	14:35-14:40	56.5	51.8
10:40-10:45	51.0	48.9	12:40-12:45	51.4	50.0	12:40-12:45	50.0	49.3	14:40-14:45	58.4	52.9
10:45-10:50	50.4	48.6	12:45-12:50	51.3	49.1	12:45-12:50	50.4	49.3	14:45-14:50	58.4	51.1
10:50-10:55	50.5	48.5	12:50-12:55	50.5	49.1	12:50-12:55	50.1	49.8	14:50-14:55	56.8	50.7
10:55-11:00	50.9	49.6	12:55-13:00	52.4	49.1	12:55-13:00	50.2	49.8	14:55-15:00	54.2	50.1
11:00-11:05	52.5	49.5	13:00-13:05	52.4	49.8	13:00-13:05	50.1	49.7	15:00-15:05	51.1	50.4
11:05-11:10	48.3	49.5	13:05-13:10	51.3	49.9	13:05-13:10	50.3	49.6	15:05-15:10	53.4	50.4
11:10-11:15	48.8	48.7	13:10-13:15	50.5	49.6	13:10-13:15	50.2	48.5	15:10-15:15	51.8	50.6
11:15-11:20	51.3	50.3	13:15-13:20	50.1	48.5	13:15-13:20	50.1	48.3	15:15-15:20	52.8	50.7
11:20-11:25	51.2	50.3	13:20-13:25	50.7	48.9	13:20-13:25	50.8	49.1	15:20-15:25	52.8	49.8
11:25-11:30	50.7	50.3	13:25-13:30	50.8	50.0	13:25-13:30	50.1	49.4	15:25-15:30	52.8	49.8
11:30-11:35	51.1	50.3	13:30-13:35	50.4	49.9	13:30-13:35	51.4	49.3	15:30-15:35	52.8	50.3
11:35-11:40	50.5	49.7	13:35-13:40	50.2	49.1	13:35-13:40	50.3	49.4	15:35-15:40	51.8	50.1
11:40-11:45	50.7	49.8	13:40-13:45	50.2	49.4	13:40-13:45	49.8	48.5	15:40-15:45	50.7	49.7
11:45-11:50	50.8	49.8	13:45-13:50	50.8	49.8	13:45-13:50	49.8	48.8	15:45-15:50	51.1	49.8
11:50-11:55	50.8	49.8	13:50-13:55	50.2	51.0	13:50-13:55	49.4	48.8	15:50-15:55	51.1	49.8
11:55-12:00	50.9	50.3	13:55-14:00	52.5	51.6	13:55-14:00	52.8	49.1	15:55-16:00	53.1	50.8
12:00-12:05	50.8	50.2	14:00-14:05	52.0	51.3	14:00-14:05	52.8	48.2	16:00-16:05	51.1	49.7
12:05-12:10	48.4	49.7	14:05-14:10	51.8	51.3	14:05-14:10	48.3	48.4	16:05-16:10	51.8	49.9
12:10-12:15	50.4	49.7	14:10-14:15	52.8	51.4	14:10-14:15	50.8	48.3	16:10-16:15	51.8	50.3
12:15-12:20	50.5	49.8	14:15-14:20	51.2	51.2	14:15-14:20	49.4	49.2	16:15-16:20	51.8	50.1
12:20-12:25	50.7	49.8	14:20-14:25	51.8	50.9	14:20-14:25	50.5	49.7	16:20-16:25	52.7	49.7
12:25-12:30	50.5	49.8	14:25-14:30	51.0	51.3	14:25-14:30	50.4	49.5	16:25-16:30	52.7	49.2
12:30-12:35	50.8	49.5	14:30-14:35	51.2	50.5	14:30-14:35	51.0	49.9	16:30-16:35	50.9	49.8
12:35-12:40	50.4	49.8	14:35-14:40	50.7	50.1	14:35-14:40	50.5	49.5	16:35-16:40	52.3	49.5
12:40-12:45	50.7	50.0	14:40-14:45	50.5	49.7	14:40-14:45	50.7	49.6	16:40-16:45	52.1	49.7
12:45-12:50	50.4	49.7	14:45-14:50	50.5	49.4	14:45-14:50	51.8	49.4	16:45-16:50	54.9	49.4
12:50-12:55	51.5	50.2	14:50-14:55	49.8	48.2	14:50-14:55	50.9	49.7	16:50-16:55	51.7	49.1
12:55-13:00	51.3	50.4	14:55-15:00	50.8	48.2	14:55-15:00	51.1	50.8	16:55-17:00	51.1	48.2

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EDOO Tower, Witthawal Rangsit Road, Thung Song Hong, Loh Si, Bangkok 10218
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 18/300 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khul Village, in the south-west of the Project, No.32/1 Moo 2, Ban Rai Khul, Tambon Tho Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WG84) 47P 0502978 E, 1531948 N
Measured Date : May 14, 2025
Measured By : Mr.Nitad Srirach
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scaier Tech Model ST-21D Serial Number 820464

Quotation No. : AR025-00286
Analysis No. : 2025-AC083-039
Report No. : 2025-RAL798
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90
08:00-08:05	58.0	47.8	11:05-11:10	49.7	48.3	14:05-14:10	50.1	48.9
08:05-08:10	58.2	47.9	11:10-11:15	49.6	48.1	14:10-14:15	50.8	48.9
08:10-08:15	48.4	47.3	11:15-11:20	48.9	47.8	14:15-14:20	48.6	46.4
08:15-08:20	52.7	48.1	11:20-11:25	48.5	48.4	14:20-14:25	50.5	48.1
08:20-08:25	50.1	47.5	11:25-11:30	48.8	48.8	14:25-14:30	58.7	48.3
08:25-08:30	49.8	47.6	11:30-11:35	55.9	48.8	14:30-14:35	48.7	47.1
08:30-08:35	51.9	47.6	11:35-11:40	58.3	48.4	14:35-14:40	48.2	46.5
08:35-08:40	51.2	47.8	11:40-11:45	48.8	48.4	14:40-14:45	48.2	48.0
08:40-08:45	52.0	48.2	11:45-11:50	53.5	47.1	14:45-14:50	51.3	48.3
08:45-08:50	49.5	47.9	11:50-11:55	50.2	47.3	14:50-14:55	50.7	47.9
08:50-08:55	49.6	48.3	11:55-12:00	50.1	47.2	14:55-15:00	48.4	47.8
08:55-09:00	49.8	48.2	12:00-12:05	50.1	47.2	15:00-15:05	49.4	48.1
08:55-09:05	49.9	48.8	12:05-12:10	48.8	48.7	15:05-15:10	48.8	47.3
09:00-09:05	50.7	48.3	12:10-12:15	48.1	46.1	15:10-15:15	49.1	47.3
09:05-09:10	49.3	47.5	12:15-12:20	50.3	47.7	15:15-15:20	48.8	48.8
09:10-09:15	51.0	47.8	12:20-12:25	48.8	47.6	15:20-15:25	58.7	48.4
09:15-09:20	49.8	47.9	12:25-12:30	51.9	47.1	15:25-15:30	58.5	48.8
09:20-09:25	50.4	47.8	12:30-12:35	48.6	47.1	15:30-15:35	58.6	48.8
09:25-09:30	49.9	47.9	12:35-12:40	52.4	47.8	15:35-15:40	59.9	47.6
09:30-09:35	50.2	48.5	12:40-12:45	58.7	47.7	15:40-15:45	50.6	48.3
09:35-09:40	56.8	51.2	12:45-12:50	48.1	48.6	15:45-15:50	50.1	47.9
09:40-09:45	49.8	47.6	12:50-12:55	48.5	48.8	15:50-15:55	50.4	48.4
09:45-09:50	50.6	48.0	12:55-13:00	52.7	47.5	15:55-16:00	53.9	48.7
09:50-09:55	49.3	48.2	13:00-13:05	48.7	48.7	15:55-16:00	51.7	48.8
09:55-10:00	55.1	48.9	13:05-13:10	48.7	47.2	16:00-16:05	58.9	48.3
10:00-10:05	57.7	57.0	13:10-13:15	50.1	48.4	16:05-16:10	51.8	48.8
10:05-10:10	57.1	52.2	13:15-13:20	50.4	48.0	16:10-16:15	58.4	48.7
10:10-10:15	57.8	58.8	13:20-13:25	50.3	48.6	16:15-16:20	51.8	48.4
10:15-10:20	57.5	56.2	13:25-13:30	57.2	47.8	16:20-16:25	48.9	48.2
10:20-10:25	50.1	48.7	13:30-13:35	50.9	47.5	16:25-16:30	58.4	50.1
10:25-10:30	51.1	48.8	13:35-13:40	50.1	48.3	16:30-16:35	58.2	51.8
10:30-10:35	58.1	48.8	13:40-13:45	49.6	47.7	16:35-16:40	51.1	48.5
10:35-10:40	58.1	48.9	13:45-13:50	49.6	47.7	16:40-16:45	51.1	48.5
10:40-10:45	51.8	50.1	13:50-13:55	50.7	48.3	16:45-16:50	58.1	51.2
10:45-10:50	51.5	50.5	13:55-14:00	50.7	48.1	16:50-16:55	58.1	50.4
10:50-10:55	50.9	48.5	14:00-14:05	51.6	48.2	16:55-17:00	49.9	48.1
10:55-11:00	50.9	48.5	14:05-14:10	51.6	48.1	17:00-17:05	51.0	51.6


ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EDOO Tower, Witthawal Rangsit Road, Thung Song Hong, Loh Si, Bangkok 10218
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 18/300 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The area of Ban Rai Khul Village, in the south-west of the Project, No.32/1 Moo 2, Ban Rai Khul, Tambon Tho Pha, Banpong District, Ratchaburi Province
GPS. Coordinate : UTM (WG84) 47P 0502978 E, 1531948 N
Measured Date : May 14-15, 2025
Measured By : Mr.Nitad Srirach
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scaier Tech Model ST-21D Serial Number 820464

Quotation No. : AR025-00286
Analysis No. : 2025-AC083-039
Report No. : 2025-RAL798
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90
20:00-20:05	58.9	51.7	22:00-22:05	48.6	48.5	01:00-01:05	49.4	48.2
20:05-20:10	52.9	51.4	22:05-22:10	48.1	48.3	01:05-01:10	48.8	48.2
20:10-20:15	52.6	50.9	22:10-22:15	48.7	48.8	01:10-01:15	48.3	47.5
20:15-20:20	51.7	51.4	22:15-22:20	48.7	48.2	01:15-01:20	48.4	47.8
20:20-20:25	47.9	51.4	22:20-22:25	48.0	48.2	01:20-01:25	48.9	48.3
20:25-20:30	52.4	50.8	22:25-22:30	48.3	48.1	01:25-01:30	48.6	47.9
20:30-20:35	52.8	50.8	22:30-22:35	50.9	47.8	01:30-01:35	48.8	48.3
20:35-20:40	52.8	50.4	22:35-22:40	48.8	47.2	01:35-01:40	48.1	48.8
20:40-20:45	52.5	51.8	22:40-22:45	50.8	48.0	01:40-01:45	48.9	48.5
20:45-20:50	52.1	50.1	22:45-22:50	49.8	47.4	01:45-01:50	48.4	48.2
20:50-20:55	52.5	50.9	22:50-22:55	50.4	47.8	01:50-01:55	48.1	48.1
20:55-21:00	52.5	48.8	22:55-23:00	51.2	47.9	01:55-02:00	48.4	48.7
21:00-21:05	52.8	51.2	23:00-23:05	58.7	48.2	02:00-02:05	49.8	48.1
21:05-21:10	52.9	51.3	23:05-23:10	48.8	48.1	02:05-02:10	48.8	48.8
21:10-21:15	52.0	48.8	23:10-23:15	48.4	48.2	02:10-02:15	51.2	48.8
21:15-21:20	52.1	48.4	23:15-23:20	48.8	48.0	02:15-02:20	48.8	48.9
21:20-21:25	53.1	48.8	23:20-23:25	48.0	48.3	02:20-02:25	49.8	48.4
21:25-21:30	52.3	48.8	23:25-23:30	48.1	48.4	02:25-02:30	48.3	48.7
21:30-21:35	52.8	48.9	23:30-23:35	48.1	48.2	02:30-02:35	48.7	48.8
21:35-21:40	52.4	48.5	23:35-23:40	48.4	48.0	02:35-02:40	51.6	48.4
21:40-21:45	51.8	48.9	23:40-23:45	48.4	47.9	02:40-02:45	53.5	48.2
21:45-21:50	49.8	48.8	23:45-23:50	48.2	47.4	02:45-02:50	58.5	47.7
21:50-21:55	48.0	48.3	23:50-23:55	50.8	48.9	02:50-02:55	48.7	47.8
21:55-22:00	50.7	48.5	00:00-00:05	50.7	47.4	02:55-03:00	48.5	47.3
22:00-22:05	49.5	48.1	00:05-00:10	50.3	48.3	03:00-03:05	48.9	47.4
22:05-22:10	48.2	48.2	00:10-00:15	48.8	48.8	03:05-03:10	52.3	47.4
22:10-22:15	49.5	48.5	00:15-00:20	48.5	47.8	03:10-03:15	54.8	48.2
22:15-22:20	51.8	48.5	00:20-00:25	48.8	48.0	03:15-03:20	49.3	48.2
22:20-22:25	48.6	48.7	00:25-00:30	48.7	47.8	03:20-03:25	49.8	48.8
22:25-22:30	49.8	48.9	00:30-00:35	48.1	48.3	03:25-03:30	48.3	48.5
22:30-22:35	48.3	48.4	00:35-00:40	48.9	47.0	03:30-03:35	48.8	47.4
22:35-22:40	50.4	48.8	00:40-00:45	48.8	47.1	03:35-03:40	48.3	47.6
22:40-22:45	48.3	48.3	00:45-00:50	47.7	47.1	03:40-03:45	48.9	47.8
22:45-22:50	48.0	48.0	00:50-00:55	47.8	47.3	03:45-03:50	48.9	47.8
22:50-22:55	48.1	48.3	00:55-01:00	48.6	47.3	03:50-03:55	50.1	47.8
22:55-23:00	48.8	48.8	01:00-01:05	48.7	47.8	03:55-04:00	50.1	47.7

(Mr.Suraporn Suwanwong)
Laboratory Reviewer



(Mr.Nitad Srirach)
Laboratory Supervisor

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 222 EGCO Tower, Witthaval Rangsit Road, Thung Song Hong, Lat 5, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 10/300 Moo 18, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The outside area of the Projects fence, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WG84) 47P 0502469 E, 1532395 N
Measured Date : May 8, 2025
Measured By : Mr.Nitad Siriched
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scaire Tech Model ST-210 Serial Number 820437

Quotation No. : AR025-00286
Analysis No. : 2025-AC053-040
Report No. : 2025-RAA1710
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
00:00-00:05	53.4	52.8	00:05-00:10	53.0	52.3	00:10-00:15	53.9	54.2	00:15-00:20	54.3	53.1
00:05-00:10	53.6	52.9	00:10-00:15	53.0	52.3	00:15-00:20	53.1	52.3	00:20-00:25	54.3	53.0
00:10-00:15	53.7	53.1	00:15-00:20	53.0	52.3	00:20-00:25	53.4	52.8	00:25-00:30	53.3	52.8
00:15-00:20	54.0	53.4	00:20-00:25	54.4	53.3	00:25-00:30	53.4	52.8	00:30-00:35	53.7	52.8
00:20-00:25	53.8	53.3	00:25-00:30	53.5	52.8	00:30-00:35	53.3	52.8	00:35-00:40	53.3	52.8
00:25-00:30	53.7	53.6	00:30-00:35	53.3	52.8	00:35-00:40	52.4	51.9	00:40-00:45	53.0	52.3
00:30-00:35	53.6	53.0	00:35-00:40	53.8	53.1	00:40-00:45	53.3	52.8	00:45-00:50	53.7	53.1
00:35-00:40	53.4	52.8	00:40-00:45	53.7	53.1	00:45-00:50	52.4	51.9	00:50-00:55	53.6	52.8
00:40-00:45	53.5	52.8	00:45-00:50	53.5	52.8	00:50-00:55	52.4	51.9	00:55-01:00	53.4	52.8
00:45-00:50	52.4	51.9	00:50-00:55	53.4	52.8	00:55-01:00	53.4	52.8	01:00-01:05	53.4	52.8
00:50-00:55	53.4	52.7	00:55-01:00	53.4	52.8	01:00-01:05	53.2	52.3	01:05-01:10	53.4	52.8
00:55-01:00	53.7	53.4	01:00-01:05	53.4	52.8	01:05-01:10	53.2	52.3	01:10-01:15	53.4	52.8
01:00-01:05	53.5	52.8	01:05-01:10	53.4	52.8	01:10-01:15	53.2	52.3	01:15-01:20	53.4	52.8
01:05-01:10	53.6	52.8	01:10-01:15	53.4	52.8	01:15-01:20	53.2	52.3	01:20-01:25	53.4	52.8
01:10-01:15	53.7	53.1	01:15-01:20	53.4	52.8	01:20-01:25	53.2	52.3	01:25-01:30	53.4	52.8
01:15-01:20	53.6	52.8	01:20-01:25	53.4	52.8	01:25-01:30	53.2	52.3	01:30-01:35	53.4	52.8
01:20-01:25	53.6	52.8	01:25-01:30	53.4	52.8	01:30-01:35	53.2	52.3	01:35-01:40	53.4	52.8
01:25-01:30	53.6	52.8	01:30-01:35	53.4	52.8	01:35-01:40	53.2	52.3	01:40-01:45	53.4	52.8
01:30-01:35	53.6	52.8	01:35-01:40	53.4	52.8	01:40-01:45	53.2	52.3	01:45-01:50	53.4	52.8
01:35-01:40	53.6	52.8	01:40-01:45	53.4	52.8	01:45-01:50	53.2	52.3	01:50-01:55	53.4	52.8
01:40-01:45	53.6	52.8	01:45-01:50	53.4	52.8	01:50-01:55	53.2	52.3	01:55-02:00	53.4	52.8
01:45-01:50	53.6	52.8	01:50-01:55	53.4	52.8	01:55-02:00	53.2	52.3	02:00-02:05	53.4	52.8
01:50-01:55	53.6	52.8	01:55-02:00	53.4	52.8	02:00-02:05	53.2	52.3	02:05-02:10	53.4	52.8
01:55-02:00	53.6	52.8	02:00-02:05	53.4	52.8	02:05-02:10	53.2	52.3	02:10-02:15	53.4	52.8
02:00-02:05	53.6	52.8	02:05-02:10	53.4	52.8	02:10-02:15	53.2	52.3	02:15-02:20	53.4	52.8
02:05-02:10	53.6	52.8	02:10-02:15	53.4	52.8	02:15-02:20	53.2	52.3	02:20-02:25	53.4	52.8
02:10-02:15	53.6	52.8	02:15-02:20	53.4	52.8	02:20-02:25	53.2	52.3	02:25-02:30	53.4	52.8
02:15-02:20	53.6	52.8	02:20-02:25	53.4	52.8	02:25-02:30	53.2	52.3	02:30-02:35	53.4	52.8
02:20-02:25	53.6	52.8	02:25-02:30	53.4	52.8	02:30-02:35	53.2	52.3	02:35-02:40	53.4	52.8
02:25-02:30	53.6	52.8	02:30-02:35	53.4	52.8	02:35-02:40	53.2	52.3	02:40-02:45	53.4	52.8
02:30-02:35	53.6	52.8	02:35-02:40	53.4	52.8	02:40-02:45	53.2	52.3	02:45-02:50	53.4	52.8
02:35-02:40	53.6	52.8	02:40-02:45	53.4	52.8	02:45-02:50	53.2	52.3	02:50-02:55	53.4	52.8
02:40-02:45	53.6	52.8	02:45-02:50	53.4	52.8	02:50-02:55	53.2	52.3	02:55-03:00	53.4	52.8
02:45-02:50	53.6	52.8	02:50-02:55	53.4	52.8	02:55-03:00	53.2	52.3	03:00-03:05	53.4	52.8
02:50-02:55	53.6	52.8	02:55-03:00	53.4	52.8	03:00-03:05	53.2	52.3	03:05-03:10	53.4	52.8
02:55-03:00	53.6	52.8	03:00-03:05	53.4	52.8	03:05-03:10	53.2	52.3	03:10-03:15	53.4	52.8
03:00-03:05	53.6	52.8	03:05-03:10	53.4	52.8	03:10-03:15	53.2	52.3	03:15-03:20	53.4	52.8
03:05-03:10	53.6	52.8	03:10-03:15	53.4	52.8	03:15-03:20	53.2	52.3	03:20-03:25	53.4	52.8
03:10-03:15	53.6	52.8	03:15-03:20	53.4	52.8	03:20-03:25	53.2	52.3	03:25-03:30	53.4	52.8
03:15-03:20	53.6	52.8	03:20-03:25	53.4	52.8	03:25-03:30	53.2	52.3	03:30-03:35	53.4	52.8
03:20-03:25	53.6	52.8	03:25-03:30	53.4	52.8	03:30-03:35	53.2	52.3	03:35-03:40	53.4	52.8
03:25-03:30	53.6	52.8	03:30-03:35	53.4	52.8	03:35-03:40	53.2	52.3	03:40-03:45	53.4	52.8
03:30-03:35	53.6	52.8	03:35-03:40	53.4	52.8	03:40-03:45	53.2	52.3	03:45-03:50	53.4	52.8
03:35-03:40	53.6	52.8	03:40-03:45	53.4	52.8	03:45-03:50	53.2	52.3	03:50-03:55	53.4	52.8
03:40-03:45	53.6	52.8	03:45-03:50	53.4	52.8	03:50-03:55	53.2	52.3	03:55-04:00	53.4	52.8
03:45-03:50	53.6	52.8	03:50-03:55	53.4	52.8	03:55-04:00	53.2	52.3	04:00-04:05	53.4	52.8
03:50-03:55	53.6	52.8	03:55-04:00	53.4	52.8	04:00-04:05	53.2	52.3	04:05-04:10	53.4	52.8
03:55-04:00	53.6	52.8	04:00-04:05	53.4	52.8	04:05-04:10	53.2	52.3	04:10-04:15	53.4	52.8
04:00-04:05	53.6	52.8	04:05-04:10	53.4	52.8	04:10-04:15	53.2	52.3	04:15-04:20	53.4	52.8
04:05-04:10	53.6	52.8	04:10-04:15	53.4	52.8	04:15-04:20	53.2	52.3	04:20-04:25	53.4	52.8
04:10-04:15	53.6	52.8	04:15-04:20	53.4	52.8	04:20-04:25	53.2	52.3	04:25-04:30	53.4	52.8
04:15-04:20	53.6	52.8	04:20-04:25	53.4	52.8	04:25-04:30	53.2	52.3	04:30-04:35	53.4	52.8
04:20-04:25	53.6	52.8	04:25-04:30	53.4	52.8	04:30-04:35	53.2	52.3	04:35-04:40	53.4	52.8
04:25-04:30	53.6	52.8	04:30-04:35	53.4	52.8	04:35-04:40	53.2	52.3	04:40-04:45	53.4	52.8
04:30-04:35	53.6	52.8	04:35-04:40	53.4	52.8	04:40-04:45	53.2	52.3	04:45-04:50	53.4	52.8
04:35-04:40	53.6	52.8	04:40-04:45	53.4	52.8	04:45-04:50	53.2	52.3	04:50-04:55	53.4	52.8
04:40-04:45	53.6	52.8	04:45-04:50	53.4	52.8	04:50-04:55	53.2	52.3	04:55-05:00	53.4	52.8
04:45-04:50	53.6	52.8	04:50-04:55	53.4	52.8	04:55-05:00	53.2	52.3	05:00-05:05	53.4	52.8
04:50-04:55	53.6	52.8	04:55-05:00	53.4	52.8	05:00-05:05	53.2	52.3	05:05-05:10	53.4	52.8
04:55-05:00	53.6	52.8	05:00-05:05	53.4	52.8	05:05-05:10	53.2	52.3	05:10-05:15	53.4	52.8
05:00-05:05	53.6	52.8	05:05-05:10	53.4	52.8	05:10-05:15	53.2	52.3	05:15-05:20	53.4	52.8
05:05-05:10	53.6	52.8	05:10-05:15	53.4	52.8	05:15-05:20	53.2	52.3	05:20-05:25	53.4	52.8
05:10-05:15	53.6	52.8	05:15-05:20	53.4	52.8	05:20-05:25	53.2	52.3	05:25-05:30	53.4	52.8
05:15-05:20	53.6	52.8	05:20-05:25	53.4	52.8	05:25-05:30	53.2	52.3	05:30-05:35	53.4	52.8
05:20-05:25	53.6	52.8	05:25-05:30	53.4	52.8	05:30-05:35	53.2	52.3	05:35-05:40	53.4	52.8
05:25-05:30	53.6	52.8	05:30-05:35	53.4	52.8	05:35-05:40	53.2	52.3	05:40-05:45	53.4	52.8
05:30-05:35	53.6	52.8	05:35-05:40	53.4	52.8	05:40-05:45	53.2	52.3	05:45-05:50	53.4	52.8
05:35-05:40	53.6	52.8	05:40-05:45	53.4	52.8	05:45-05:50	53.2	52.3	05:50-05:55	53.4	52.8
05:40-05:45	53.6	52.8	05:45-05:50	53.4	52.8	05:50-05:55	53.2	52.3	05:55-06:00	53.4	52.8
05:45-05:50	53.6	52.8	05:50-05:55	53.4	52.8	05:55-06:00	53.2	52.3	06:00-06:05	53.4	52.8
05:50-05:55	53.6	52.8	05:55-06:00	53.4	52.8	06:00-06:05	53.2	52.3	06:05-06:10	53.4	52.8
05:55-06:00	53.6	52.8	06:00-06:05	53.4	52.8	06:05-06:10	53.2	52.3	06:10-06:15	53.4	52.8
06:00-06:05	53.6	52.8	06:05-06:10	53.4	52.8	06:10-06:15	53.2	52.3	06:15-06:20	53.4	52.8
06:05-06:10	53.6	52.8	06:10-06:15	53.4	52.8	06:15-06:20	53.2	52.3	06:20-06:25	53.4	52.8
06:10-06:15	53.6	52.8	06:15-06:20	53.4	52.8	06:20-06:25	53.2	52.3	06:25-06:30	53.4	52.8
06:15-06:20	53.6	52.8	06:20-06:25	53.4	52.8	06:25-06:30	53.2	52.3	06:30-06:35	53.4	52.8
06:20-06:25	53.6	52.8	06:25-06:30	53.4	52.8	06:30-06:35	53.2	52.3	06:35-06:40	53.4	52.8
06:25-06:30	53.6	52.8	06:30-06:35	53.4	52.8	06:35-06:40	53.2	52.3	06:40-06:45	53.4	52.8
06:30-06:35	53.6	52.8	06:35-06:40	53.4	52.8	06:40-06:45	53.2	52.3	06:45-06:50	53.4	52.8
06:35-06:40	53.6	52.8	06:40-06:45	53.4	52.8	06:45-06:50	53.2	52.3	06:50-06:55	53.4	52.8
06:40-06:45	53.6	52.8	06:45-06:50	53.4	52.8	06:50-06:55	53.2	52.3	06:55-07:00	53.4	52.8
06:45-06:50	53.6	52.8	06:50-06:55	53.4	52.8	06:55-07:00	53.2	52.3	07:00-07:05	53.4	52.8
06:50-06:55	53.6	52.8	06:55-07:00	53.4	52.8	07:00-07:05	53.2	52.3	07:05-07:10	53.4	52.8
06:55-07:00	53.6	52.8	07:00-07:05	53.4	52.8	07:05-07:10	53.2	52.3	07:10-07:15	53.4	52.8
07:00-07:05	53.6	52.8	07:05-07:10	53.4	52.8	07:10-07:15	53.2	52.3	07:15-07:20	53.4	52.8
07:05-07:10	53.6	52.8	07:10-07:15	53.4	52.8	07:15-07:20	53.2	52.3	07:20-07:25	53.4	52.8
07:10-07:15	53.6	52.8	07:15-07:20	53.4	52.8	07:20-07:25	53.2	52.3			

ANALYSIS REPORT

Customer Name : (Banpong UERES Co., Ltd.)
Address : 122 ESOO Tower, Witthaya Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 115/101 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : (The outside area of the Projects fence, Tambon Tha Pha, Banpong District, Ratchaburi Province)
GPS Coordinates : UTM (WG84) 47P 0502469 E, 1533295 N
Measured Date : May 9, 2025
Measured By : Mr.Nat Sitchai
Analyzed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-31D Serial Number 820457

Quotation No. : AR0025-00200
Analysis No. : 1005-AC053-040
Report No. : 1005-RM1710
Report Date : May 24, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	54.0	54.3	11:00-11:05	52.8	52.2	14:00-14:05	52.0	51.4	17:00-17:05	53.0	52.3
08:05-08:10	55.1	54.4	11:05-11:10	52.8	52.0	14:05-14:10	52.4	51.6	17:05-17:10	53.0	52.4
08:10-08:15	56.9	55.7	11:10-11:15	53.2	52.8	14:10-14:15	52.7	52.1	17:10-17:15	53.2	52.6
08:15-08:20	57.8	57.1	11:15-11:20	54.5	52.5	14:15-14:20	52.4	52.0	17:15-17:20	53.5	52.9
08:20-08:25	57.6	56.6	11:20-11:25	52.8	51.5	14:20-14:25	52.2	51.7	17:20-17:25	54.0	54.7
08:25-08:30	58.0	57.6	11:25-11:30	52.8	51.4	14:25-14:30	52.9	51.9	17:25-17:30	54.4	54.8
08:30-08:35	57.7	57.3	11:30-11:35	52.0	51.8	14:30-14:35	52.4	51.8	17:30-17:35	53.2	52.7
08:35-08:40	57.4	57.0	11:35-11:40	52.4	51.7	14:35-14:40	52.7	51.9	17:35-17:40	54.4	52.8
08:40-08:45	57.2	56.7	11:40-11:45	53.1	52.4	14:40-14:45	52.8	52.4	17:40-17:45	54.3	53.3
08:45-08:50	56.8	56.4	11:45-11:50	52.3	51.7	14:45-14:50	52.7	52.1	17:45-17:50	53.8	53.2
08:50-08:55	55.9	55.2	11:50-11:55	51.8	51.1	14:50-14:55	52.3	51.3	17:50-17:55	53.8	53.5
08:55-09:00	56.5	55.3	11:55-12:00	52.4	52.0	14:55-15:00	54.0	53.6	17:55-18:00	53.7	53.1
09:00-09:05	57.8	57.2	12:00-12:05	52.8	52.0	15:00-15:05	54.7	52.9	18:00-18:05	52.7	52.1
09:05-09:10	57.6	57.8	12:05-12:10	52.5	52.0	15:05-15:10	54.3	52.6	18:05-18:10	54.1	52.8
09:10-09:15	58.0	57.3	12:10-12:15	52.5	51.9	15:10-15:15	54.3	52.7	18:10-18:15	54.2	53.4
09:15-09:20	57.2	56.9	12:15-12:20	53.1	52.3	15:15-15:20	54.3	52.8	18:15-18:20	54.2	53.5
09:20-09:25	57.2	56.3	12:20-12:25	54.4	52.7	15:20-15:25	52.7	52.2	18:20-18:25	54.1	53.8
09:25-09:30	57.1	56.2	12:25-12:30	56.8	56.1	15:25-15:30	52.3	52.7	18:25-18:30	54.1	53.9
09:30-09:35	57.6	56.9	12:30-12:35	52.0	52.1	15:30-15:35	52.9	52.2	18:30-18:35	54.7	53.8
09:35-09:40	58.0	57.4	12:35-12:40	54.1	54.6	15:35-15:40	52.4	52.6	18:35-18:40	57.1	54.8
09:40-09:45	58.0	56.6	12:40-12:45	54.4	52.8	15:40-15:45	52.7	51.2	18:40-18:45	58.2	57.0
09:45-09:50	57.6	56.7	12:45-12:50	53.3	53.1	15:45-15:50	52.8	52.3	18:45-18:50	57.3	54.5
09:50-09:55	56.3	55.2	12:50-12:55	53.8	53.0	15:50-15:55	54.1	53.4	18:50-18:55	57.4	54.3
09:55-10:00	56.3	54.3	12:55-13:00	52.9	52.8	15:55-16:00	54.0	53.8	18:55-19:00	57.3	56.7
10:00-10:05	56.7	54.3	13:00-13:05	52.8	52.3	16:00-16:05	52.8	52.8	19:00-19:05	56.3	55.3
10:05-10:10	54.7	52.1	13:05-13:10	52.6	51.4	16:05-16:10	52.4	52.8	19:05-19:10	56.7	54.5
10:10-10:15	54.1	52.0	13:10-13:15	52.7	52.2	16:10-16:15	53.1	52.3	19:10-19:15	54.7	53.7
10:15-10:20	53.7	52.5	13:15-13:20	52.5	51.9	16:15-16:20	53.2	52.5	19:15-19:20	54.9	53.8
10:20-10:25	54.3	52.6	13:20-13:25	52.1	51.4	16:20-16:25	52.3	52.7	19:20-19:25	54.4	54.3
10:25-10:30	54.7	54.4	13:25-13:30	52.9	52.4	16:25-16:30	52.5	52.0	19:25-19:30	58.0	54.4
10:30-10:35	57.1	54.9	13:30-13:35	56.3	52.7	16:30-16:35	52.7	52.1	19:30-19:35	54.8	52.8
10:35-10:40	55.5	54.2	13:35-13:40	56.9	54.0	16:35-16:40	52.8	52.1	19:35-19:40	54.3	52.4
10:40-10:45	54.3	53.1	13:40-13:45	53.2	52.3	16:40-16:45	52.8	52.3	19:40-19:45	54.2	52.4
10:45-10:50	53.9	52.7	13:45-13:50	52.4	51.8	16:45-16:50	52.4	52.1	19:45-19:50	54.1	52.4
10:50-10:55	54.1	52.8	13:50-13:55	52.1	51.8	16:50-16:55	52.6	52.7	19:50-19:55	54.0	52.8
10:55-11:00	54.4	53.0	13:55-14:00	52.2	51.7	16:55-17:00	52.0	52.3	19:55-20:00	54.0	53.1

ANALYSIS REPORT

Customer Name : (Banpong UERES Co., Ltd.)
Address : 122 ESOO Tower, Witthaya Rangsit Road, Thung Song Hong, Lat Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 115/101 Moo 19, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : (The outside area of the Projects fence, Tambon Tha Pha, Banpong District, Ratchaburi Province)
GPS Coordinates : UTM (WG84) 47P 0502469 E, 1533295 N
Measured Date : May 9, 2025
Measured By : Mr.Nat Sitchai
Analyzed By : (Environment Research & Technology Co., Ltd.)
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-31D Serial Number 820457

Quotation No. : AR0025-00200
Analysis No. : 1005-AC053-040
Report No. : 1005-RM1710
Report Date : May 24, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	53.8	53.2	23:00-23:05	52.1	51.7	02:00-02:05	53.9	53.4	05:00-05:05	58.6	58.2
20:05-20:10	53.3	52.8	23:05-23:10	52.3	52.8	02:05-02:10	54.0	53.5	05:05-05:10	58.5	58.3
20:10-20:15	52.4	52.4	23:10-23:15	53.0	52.5	02:10-02:15	53.9	53.4	05:10-05:15	60.1	58.0
20:15-20:20	52.3	52.7	23:15-23:20	52.6	52.2	02:15-02:20	54.0	53.4	05:15-05:20	60.0	58.7
20:20-20:25	53.2	52.8	23:20-23:25	52.6	52.2	02:20-02:25	54.0	53.5	05:20-05:25	60.8	58.8
20:25-20:30	52.0	52.5	23:25-23:30	52.7	52.3	02:25-02:30	54.1	53.6	05:25-05:30	59.8	58.1
20:30-20:35	52.3	52.4	23:30-23:35	52.5	52.0	02:30-02:35	54.1	53.6	05:30-05:35	58.7	58.3
20:35-20:40	52.4	52.8	23:35-23:40	52.4	52.9	02:35-02:40	54.0	53.5	05:35-05:40	58.3	54.8
20:40-20:45	52.4	52.8	23:40-23:45	52.5	52.1	02:40-02:45	54.0	53.5	05:40-05:45	58.6	54.3
20:45-20:50	52.4	52.8	23:45-23:50	52.5	52.1	02:45-02:50	53.9	53.7	05:45-05:50	58.3	57.4
20:50-20:55	52.8	52.2	23:50-23:55	52.4	52.1	02:50-02:55	54.0	53.5	05:50-05:55	58.1	57.6
20:55-21:00	52.2	52.8	23:55-00:00	52.8	52.4	02:55-03:00	54.0	53.8	05:55-06:00	57.3	56.4
21:00-21:05	53.1	52.8	00:00-00:05	52.3	52.5	03:00-03:05	54.1	53.5	06:00-06:05	59.3	54.2
21:05-21:10	53.7	53.0	00:05-00:10	52.9	52.5	03:05-03:10	54.0	53.8	06:05-06:10	53.5	51.8
21:10-21:15	53.7	53.3	00:10-00:15	52.7	52.1	03:10-03:15	54.0	53.5	06:10-06:15	53.7	53.8
21:15-21:20	53.8	53.4	00:15-00:20	52.7	52.2	03:15-03:20	54.0	53.8	06:15-06:20	53.5	53.4
21:20-21:25	52.8	52.4	00:20-00:25	52.8	52.4	03:20-03:25	54.3	53.7	06:20-06:25	53.5	52.8
21:25-21:30	53.0	52.6	00:25-00:30	52.5	52.2	03:25-03:30	54.4	53.7	06:25-06:30	53.1	52.2
21:30-21:35	52.9	52.5	00:30-00:35	52.2	52.1	03:30-03:35	54.4	53.8	06:30-06:35	54.8	52.8
21:35-21:40	52.0	52.4	00:35-00:40	52.4	52.2	03:35-03:40	53.8	52.9	06:35-06:40	52.3	52.0
21:40-21:45	52.4	52.5	00:40-00:45	53.3	52.8	03:40-03:45	54.8	52.8	06:40-06:45	56.2	52.5
21:45-21:50	52.1	52.4	00:45-00:50	53.4	53.0	03:45-03:50	54.8	54.3	06:45-06:50	54.1	52.4
21:50-21:55	52.8	52.8	00:50-00:55	53.3	53.1	03:50-03:55	52.7	54.4	06:50-06:55	52.7	51.1
21:55-22:00	52.8	52.3	00:55-01:00	53.5	53.8	03:55-04:00	56.7	54.3	06:55-07:00	52.5	51.2
22:00-22:05	52.8	52.2	01:00-01:05	52.8	52.3	04:00-04:05	58.0	54.4	07:00-07:05	56.7	52.3
22:05-22:10	52.8	52.2	01:05-01:10	53.8	53.3	04:05-04:10	58.7	55.3	07:05-07:10	52.4	52.7
22:10-22:15	52.6	52.9	01:10-01:15	53.5	53.8	04:10-04:15	57.4	52.9	07:10-07:15	53.4	52.5
22:15-22:20	52.5	52.0	01:15-01:20	53.4	53.8	04:15-04:20	57.7	54.2	07:15-07:20	52.1	52.4
22:20-22:25	52.2	52.6	01:20-01:25	53.6	53.1	04:20-04:25	57.9	54.2	07:20-07:25	52.5	52.0
22:25-22:30	52.2	52.7	01:25-01:30	52.6	52.2	04:25-04:30	58.8	58.0	07:25-07:30	53.8	53.1
22:30-22:35	52.3	52.8	01:30-01:35	52.7	52.4	04:30-04:35	58.6	57.2	07:30-07:35	54.2	52.0
22:35-22:40	52.2	52.0	01:35-01:40	52.9	52.4	04:35-04:40	58.8	57.2	07:35-07:40	54.8	52.4
22:40-22:45	52.2	52.7	01:40-01:45	52.8	52.4	04:40-04:45	58.4	57.4	07:40-07:45	54.0	52.3
22:45-22:50	53.1	52.7	01:45-01:50	54.4	52.9	04:45-04:50	58.9	56.7	07:45-07:50	53.8	52.4
22:50-22:55	54.1	52.8	01:50-01:55	54.1	52.4	04:50-04:55	58.9	56.4	07:50-07:55	54.0	52.4
22:55-23:00	53.9	52.4	01:55-02:00	54.1	52.5	04:55-05:00	58.7	56.2	07:55-08:00	54.8	52.4

ANALYSIS REPORT

Customer Name	:Banpong Limbon Co., Ltd.		
Address	:222 EDOO Tower, Withead Rangsit Road, Thung Song Hong, Lat 50, Bangkok 10210		
Project Name	:Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province		
Project Location	:187/800 Moo 19, Tha Pha, Ban Pong, Ratchaburi		
Measured Source	:Ambient Noise		
Measured Point	:(The outside area of the Projecta fence, Tambon Tha Pha, Banpong District, Ratchaburi Province		
GPS Coordinate	:UTM (WGS84) 47P 6502468 E, 1530395 N	Quotation No.	:AN2023-00286
Measured Date	:May 03, 2025	Analysis No.	:2025-AN053-040
Measured By	:Mr.Nitai Sirincha	Report No.	:2025-RANL710
Analysed By	:Environment Research & Technology Co., Ltd.	Report Date	:May 30, 2025
Measured Instrument	:Calibration Court Local Meter Kistler Tech Model SE-310 Serial Number 820457		

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Low	High		Low	High		Low	High		Low	High
08:00-08:05	53.6	53.6	11:00-11:05	54.8	53.7	14:00-14:05	56.9	56.2	17:00-17:05	55.3	54.3
08:05-08:10	53.9	53.5	11:05-11:10	55.8	53.4	14:05-14:10	55.5	54.8	17:05-17:10	55.5	54.3
08:10-08:15	53.6	53.9	11:10-11:15	53.8	53.3	14:10-14:15	53.4	53.0	17:10-17:15	55.0	53.7
08:15-08:20	54.1	53.1	11:15-11:20	54.3	53.9	14:15-14:20	54.5	53.8	17:15-17:20	54.6	54.7
08:20-08:25	53.6	53.1	11:20-11:25	54.8	53.6	14:20-14:25	55.2	53.8	17:20-17:25	54.2	53.2
08:25-08:30	54.1	53.9	11:25-11:30	53.5	51.9	14:25-14:30	53.3	52.6	17:25-17:30	54.3	53.2
08:30-08:35	53.2	52.5	11:30-11:35	52.4	51.7	14:30-14:35	53.0	52.5	17:30-17:35	53.8	53.0
08:35-08:40	54.3	53.3	11:35-11:40	52.6	51.8	14:35-14:40	53.5	52.8	17:35-17:40	53.4	52.1
08:40-08:45	54.2	53.4	11:40-11:45	52.1	51.7	14:40-14:45	56.2	54.8	17:40-17:45	54.8	52.0
08:45-08:50	55.8	55.3	11:45-11:50	53.6	53.8	14:45-14:50	56.7	56.1	17:45-17:50	55.9	53.6
08:50-08:55	57.2	56.8	11:50-11:55	52.7	52.0	14:50-14:55	55.2	54.6	17:50-17:55	60.8	53.7
08:55-09:00	56.0	55.8	11:55-12:00	53.9	53.7	14:55-15:00	54.7	54.1	17:55-18:00	55.0	55.0
09:00-09:05	56.0	56.4	12:00-12:05	53.4	52.9	15:00-15:05	53.7	53.3	18:00-18:05	52.9	55.5
09:05-09:10	56.4	56.9	12:05-12:10	53.9	53.0	15:05-15:10	53.7	53.8	18:05-18:10	56.4	53.6
09:10-09:15	55.3	55.6	12:10-12:15	55.8	55.9	15:10-15:15	53.8	54.2	18:10-18:15	56.7	53.0
09:15-09:20	54.5	53.8	12:15-12:20	54.9	53.6	15:15-15:20	53.8	54.2	18:15-18:20	55.7	53.5
09:20-09:25	54.8	54.1	12:20-12:25	53.7	53.0	15:20-15:25	54.8	53.9	18:20-18:25	56.5	55.4
09:25-09:30	55.6	55.0	12:25-12:30	54.8	53.4	15:25-15:30	53.7	54.8	18:25-18:30	57.0	54.4
09:30-09:35	56.0	56.0	12:30-12:35	53.8	53.2	15:30-15:35	54.1	56.8	18:30-18:35	57.0	56.2
09:35-09:40	56.0	56.3	12:35-12:40	53.7	53.9	15:35-15:40	57.4	57.7	18:35-18:40	57.7	56.8
09:40-09:45	56.1	55.4	12:40-12:45	53.2	52.7	15:40-15:45	58.0	56.6	18:40-18:45	61.1	59.0
09:45-09:50	56.1	55.6	12:45-12:50	53.2	52.7	15:45-15:50	57.8	58.4	18:45-18:50	60.8	59.6
09:50-09:55	56.0	55.2	12:50-12:55	56.8	53.6	15:50-15:55	57.8	59.4	18:50-18:55	61.1	59.8
09:55-10:00	54.5	56.0	12:55-13:00	56.3	54.4	15:55-16:00	58.1	54.2	18:55-19:00	63.8	62.1
10:00-10:05	53.8	56.1	13:00-13:05	56.0	52.5	16:00-16:05	58.3	57.9	19:00-19:05	63.7	60.4
10:05-10:10	55.0	54.5	13:05-13:10	58.1	52.5	16:05-16:10	55.2	53.9	19:05-19:10	67.2	64.6
10:10-10:15	54.9	54.3	13:10-13:15	55.8	56.9	16:10-16:15	55.8	53.5	19:10-19:15	66.3	63.7
10:15-10:20	55.7	54.8	13:15-13:20	52.1	52.4	16:15-16:20	55.1	57.2	19:15-19:20	64.9	67.6
10:20-10:25	55.5	54.8	13:20-13:25	53.5	52.4	16:20-16:25	53.8	53.9	19:20-19:25	64.8	59.3
10:25-10:30	55.3	54.3	13:25-13:30	53.6	53.1	16:25-16:30	54.1	53.9	19:25-19:30	67.2	66.3
10:30-10:35	54.5	54.9	13:30-13:35	53.6	52.9	16:30-16:35	53.7	53.8	19:30-19:35	57.9	53.8
10:35-10:40	55.5	54.8	13:35-13:40	54.4	52.8	16:35-16:40	55.8	54.1	19:35-19:40	58.4	54.8
10:40-10:45	56.8	53.6	13:40-13:45	53.0	52.5	16:40-16:45	56.7	54.2	19:40-19:45	55.8	59.9
10:45-10:50	55.5	59.3	13:45-13:50	52.8	52.3	16:45-16:50	55.3	54.5	19:45-19:50	55.7	54.8
10:50-10:55	55.2	54.6	13:50-13:55	53.0	52.3	16:50-16:55	56.7	54.2	19:50-19:55	55.8	54.6
10:55-11:00	54.7	54.9	13:55-14:00	52.4	52.5	16:55-17:00	55.4	54.1	19:55-20:00	55.1	54.4

ANALYSTS REPORT

Customer Name	Banpong Utilities Co., Ltd.		
Address	122/2 EGCO Tower, Witthai Road, Thung Song Hong, Lat 8, Bangkok 10210		
Project Name	Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province		
Project Location	119/30 Moo 19, Tha Phra, Ban Pong, Ratchaburi		
Measured Source	Ambient Noise		
Measured Point	The outside area of the Projects fence, Tambon Tha Phra, Banpong District, Ratchaburi Province		
GPS Coordinate	10TH (WGS84) 479 4593449 E, 1553185 N	Quotation No.	AR2025-00286
Measured Date	1 May 10, 2025	Analysis No.	12025-AC003-040
Measured By	Mr.Mitai Sriched	Report No.	12025-RAN710
Analysed By	i-Environment Research & Technology Co., Ltd.		
Measured Instrument	Datacollection Sound Level Meter Scaerle Tech Model ST-310 Serial Number 830457		

Interval Time	Noise Level Per 5 minutes, dB(A)		Interval Time	Noise Level Per 5 minutes, dB(A)		Interval Time	Noise Level Per 5 minutes, dB(A)		Interval Time	Noise Level Per 5 minutes, dB(A)	
	Low	High		Low	High		Low	High		Low	High
00:00-00:05	56.1	54.9	23:00-23:05	54.5	53.7	01:00-01:05	54.4	53.6	05:00-05:05	58.1	58.8
00:05-00:10	55.6	54.3	23:05-23:10	54.4	53.7	01:05-01:10	53.9	53.5	05:05-05:10	58.1	58.6
00:10-00:15	55.7	54.1	23:10-23:15	54.6	53.8	01:10-01:15	54.1	53.7	05:10-05:15	60.0	59.0
00:15-00:20	55.6	54.7	23:15-23:20	54.6	53.9	01:15-01:20	53.8	53.4	05:15-05:20	59.7	58.4
00:20-00:25	55.3	54.4	23:20-23:25	53.8	53.3	01:20-01:25	54.0	53.6	05:20-05:25	59.8	58.0
00:25-00:30	55.4	54.5	23:25-23:30	53.9	53.6	01:25-01:30	54.0	53.6	05:25-05:30	60.0	58.5
00:30-00:35	55.4	54.6	23:30-23:35	54.7	53.3	01:30-01:35	54.0	53.9	05:30-05:35	59.7	56.6
00:35-00:40	55.2	54.9	23:35-23:40	54.7	53.6	01:35-01:40	53.9	53.9	05:35-05:40	59.1	56.4
00:40-00:45	55.0	54.3	23:40-23:45	54.9	53.1	01:40-01:45	53.9	53.4	05:40-05:45	55.6	54.2
00:45-00:50	54.9	54.1	23:45-23:50	53.9	53.4	01:45-01:50	54.0	53.6	05:45-05:50	58.8	55.2
00:50-00:55	55.0	54.4	23:50-23:55	54.5	53.3	01:50-01:55	53.7	53.5	05:50-05:55	59.1	54.9
00:55-01:00	55.1	54.7	23:55-00:00	54.8	53.5	01:55-02:00	53.7	53.2	05:55-06:00	54.8	51.9
01:00-01:05	56.9	55.6	00:00-00:05	54.5	53.6	02:00-02:05	53.9	53.4	06:00-06:05	54.3	53.6
01:05-01:10	56.4	54.9	00:05-00:10	54.2	53.7	02:05-02:10	54.4	53.4	06:05-06:10	54.5	53.6
01:10-01:15	56.4	54.8	00:10-00:15	54.8	53.5	02:10-02:15	54.4	53.6	06:10-06:15	54.1	53.3
01:15-01:20	56.3	54.7	00:15-00:20	53.9	53.4	02:15-02:20	54.8	53.7	06:15-06:20	53.9	53.0
01:20-01:25	55.5	55.0	00:20-00:25	53.8	53.3	02:20-02:25	55.0	53.8	06:20-06:25	54.6	53.4
01:25-01:30	55.7	55.1	00:25-00:30	53.5	53.8	02:25-02:30	55.3	53.7	06:25-06:30	54.3	53.1
01:30-01:35	55.4	55.2	00:30-00:35	53.3	52.8	02:30-02:35	55.0	53.8	06:30-06:35	54.1	53.6
01:35-01:40	55.0	54.5	00:35-00:40	53.7	52.7	02:35-02:40	55.3	53.9	06:35-06:40	54.2	53.3
01:40-01:45	54.8	54.3	00:40-00:45	54.3	53.9	02:40-02:45	55.3	54.0	06:40-06:45	54.3	53.3
01:45-01:50	54.4	54.0	00:45-00:50	54.0	53.6	02:45-02:50	55.8	54.1	06:45-06:50	54.5	53.7
01:50-01:55	54.6	53.9	00:50-00:55	54.6	54.0	02:50-02:55	55.3	54.3	06:50-06:55	54.3	53.7
01:55-02:00	54.4	53.9	00:55-01:00	54.1	53.9	02:55-03:00	55.3	54.3	06:55-07:00	54.0	53.7
02:00-02:05	54.5	53.6	01:00-01:05	53.7	53.2	03:00-03:05	56.3	54.7	07:00-07:05	54.9	53.7
02:05-02:10	54.1	53.4	01:05-01:10	53.4	53.1	03:05-03:10	56.3	55.8	07:05-07:10	54.4	53.4
02:10-02:15	53.8	53.4	01:10-01:15	53.7	53.9	03:10-03:15	56.6	55.3	07:10-07:15	54.3	53.4
02:15-02:20	53.9	53.8	01:15-01:20	53.7	53.1	03:15-03:20	56.6	54.9	07:15-07:20	54.1	53.4
02:20-02:25	53.7	53.3	01:20-01:25	53.4	53.1	03:20-03:25	57.9	56.3	07:20-07:25	54.8	53.7
02:25-02:30	53.8	53.8	01:25-01:30	53.6	53.3	03:25-03:30	58.8	57.0	07:25-07:30	54.4	53.8
02:30-02:35	53.7	53.5	01:30-01:35	53.5	53.1	03:30-03:35	58.3	56.8	07:30-07:35	54.3	53.8
02:35-02:40	53.8	53.4	01:35-01:40	53.8	53.1	03:35-03:40	58.6	56.7	07:35-07:40	54.3	53.5
02:40-02:45	54.0	53.4	01:40-01:45	53.6	53.1	03:40-03:45	59.1	57.4	07:40-07:45	54.1	53.3
02:45-02:50	54.0	53.4	01:45-01:50	53.8	53.3	03:45-03:50	59.8	58.2	07:45-07:50	53.7	54.8
02:50-02:55	54.2	53.7	01:50-01:55	53.8	53.3	03:50-03:55	60.3	58.5	07:50-07:55	53.7	54.9
02:55-03:00	54.3	53.8	01:55-02:00	53.8	53.5	03:55-04:00	60.6	58.6	07:55-08:00	53.7	54.9

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 223 EGCO Tower, Witthayu Rangsit Road, Thung Song Hong, Luk Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The outside area of the Projects fence, Tambon Tho Pha, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WGS84) 47P 0303460 E, 1533295 N
Measured Date : May 11, 2025
Measured By : (M)Ned Sariched
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820457

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	57.7	57.0	10:00-10:05	53.0	53.8	14:00-14:05	52.7	52.2	17:00-17:05	50.1	50.4
08:05-08:10	57.3	56.8	10:05-10:10	54.2	52.7	14:05-14:10	52.8	52.3	17:05-17:10	50.8	50.0
08:10-08:15	57.6	57.1	10:10-10:15	55.1	54.8	14:10-14:15	52.5	52.8	17:10-17:15	50.9	51.1
08:15-08:20	57.4	56.9	10:15-10:20	53.4	52.9	14:15-14:20	52.4	51.8	17:15-17:20	50.9	50.3
08:20-08:25	57.1	56.4	10:20-10:25	53.8	53.8	14:20-14:25	53.0	52.8	17:20-17:25	50.8	50.0
08:25-08:30	57.2	56.7	10:25-10:30	55.7	55.8	14:25-14:30	52.2	52.5	17:25-17:30	50.7	50.0
08:30-08:35	57.8	56.7	10:30-10:35	53.5	53.0	14:30-14:35	52.1	52.5	17:30-17:35	50.1	53.5
08:35-08:40	56.8	56.3	10:35-10:40	55.1	52.8	14:35-14:40	52.6	52.6	17:35-17:40	50.3	53.5
08:40-08:45	57.0	56.2	10:40-10:45	54.9	51.7	14:40-14:45	52.7	52.8	17:40-17:45	50.8	53.8
08:45-08:50	56.9	56.4	10:45-10:50	56.7	54.3	14:45-14:50	53.2	52.8	17:45-17:50	50.8	54.1
08:50-08:55	56.1	55.2	10:50-10:55	56.3	54.2	14:50-14:55	53.1	52.5	17:50-17:55	50.5	54.8
08:55-09:00	55.3	54.4	10:55-11:00	55.7	53.4	14:55-15:00	53.8	52.5	17:55-18:00	50.8	54.4
09:00-09:05	54.4	53.7	11:00-11:05	54.2	53.0	15:00-15:05	53.7	52.9	18:00-18:05	50.0	54.3
09:05-09:10	54.9	54.5	11:05-11:10	53.8	52.5	15:05-15:10	53.1	54.4	18:05-18:10	50.8	54.0
09:10-09:15	54.4	53.8	11:10-11:15	54.8	53.4	15:10-15:15	54.0	51.2	18:10-18:15	50.9	54.0
09:15-09:20	54.0	53.6	11:15-11:20	54.8	53.8	15:15-15:20	53.1	52.4	18:15-18:20	50.1	53.3
09:20-09:25	55.4	53.8	11:20-11:25	55.8	55.1	15:20-15:25	52.0	52.4	18:20-18:25	50.3	54.0
09:25-09:30	55.2	54.3	11:25-11:30	55.7	55.2	15:25-15:30	52.8	52.8	18:25-18:30	50.1	54.3
09:30-09:35	56.2	53.7	11:30-11:35	52.8	52.4	15:30-15:35	52.7	52.8	18:30-18:35	50.8	54.7
09:35-09:40	56.2	53.5	11:35-11:40	52.6	52.7	15:35-15:40	52.4	52.4	18:35-18:40	50.7	55.3
09:40-09:45	56.3	53.2	11:40-11:45	54.2	53.4	15:40-15:45	52.0	51.7	18:40-18:45	50.2	55.2
09:45-09:50	55.7	53.1	11:45-11:50	54.0	54.4	15:45-15:50	52.8	52.5	18:45-18:50	50.6	55.2
09:50-09:55	54.3	52.8	11:50-11:55	53.7	53.8	15:50-15:55	52.5	52.4	18:50-18:55	50.1	56.0
09:55-10:00	54.0	53.5	11:55-12:00	53.6	52.9	15:55-16:00	53.5	52.8	18:55-19:00	50.3	55.0
10:00-10:05	54.0	53.5	12:00-12:05	53.4	53.0	16:00-16:05	52.3	52.9	19:00-19:05	50.3	54.5
10:05-10:10	54.2	53.7	12:05-12:10	53.4	52.8	16:05-16:10	52.3	52.5	19:05-19:10	50.5	54.4
10:10-10:15	54.3	53.5	12:10-12:15	53.4	52.8	16:10-16:15	51.4	52.8	19:10-19:15	50.5	54.4
10:15-10:20	54.1	53.5	12:15-12:20	56.4	54.7	16:15-16:20	54.1	52.9	19:15-19:20	50.5	54.5
10:20-10:25	54.2	53.4	12:20-12:25	56.8	55.8	16:20-16:25	52.4	52.7	19:20-19:25	50.2	55.0
10:25-10:30	54.0	53.4	12:25-12:30	55.9	55.7	16:25-16:30	52.5	52.8	19:25-19:30	50.3	54.8
10:30-10:35	53.8	53.2	12:30-12:35	54.7	53.5	16:30-16:35	53.4	53.4	19:30-19:35	50.7	54.6
10:35-10:40	53.4	52.1	12:35-12:40	53.4	52.8	16:35-16:40	54.0	54.1	19:35-19:40	50.8	54.4
10:40-10:45	53.8	52.1	12:40-12:45	53.4	52.8	16:40-16:45	53.8	53.8	19:40-19:45	50.8	54.4
10:45-10:50	53.8	52.1	12:45-12:50	53.4	52.8	16:45-16:50	53.8	53.8	19:45-19:50	50.8	54.4
10:50-10:55	53.8	52.1	12:50-12:55	53.4	52.8	16:50-16:55	53.8	53.8	19:50-19:55	50.8	54.4
10:55-11:00	53.8	52.1	12:55-13:00	53.4	52.8	16:55-17:00	53.1	54.3	19:55-20:00	50.3	53.5

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 223 EGCO Tower, Witthayu Rangsit Road, Thung Song Hong, Luk Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 19/300 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The outside area of the Projects fence, Tambon Tho Pha, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WGS84) 47P 0303460 E, 1533295 N
Measured Date : May 11-12, 2025
Measured By : (M)Ned Sariched
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820457

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	54.1	53.3	22:00-22:05	53.7	53.4	02:00-02:05	52.8	52.5	04:00-04:05	53.5	54.3
20:05-20:10	54.8	53.1	22:05-22:10	54.8	53.5	02:05-02:10	53.8	53.2	04:05-04:10	53.8	54.2
20:10-20:15	55.3	53.8	22:10-22:15	53.8	52.4	02:10-02:15	53.8	53.2	04:10-04:15	53.8	54.0
20:15-20:20	52.6	52.8	22:15-22:20	54.3	52.7	02:15-02:20	53.8	53.3	04:15-04:20	54.7	53.9
20:20-20:25	54.4	53.8	22:20-22:25	53.8	53.3	02:20-02:25	53.8	53.4	04:20-04:25	54.9	54.0
20:25-20:30	55.5	54.5	22:25-22:30	54.8	52.4	02:25-02:30	52.7	53.3	04:25-04:30	55.0	54.2
20:30-20:35	53.5	53.0	22:30-22:35	53.9	53.4	02:30-02:35	54.8	53.4	04:30-04:35	55.8	57.1
20:35-20:40	52.8	52.9	22:35-22:40	54.0	53.8	02:35-02:40	56.3	53.4	04:35-04:40	55.4	56.2
20:40-20:45	53.3	52.8	22:40-22:45	54.0	52.4	02:40-02:45	55.8	53.4	04:40-04:45	55.8	55.5
20:45-20:50	52.2	52.8	22:45-22:50	54.1	53.8	02:45-02:50	54.2	52.8	04:45-04:50	56.8	60.3
20:50-20:55	52.0	52.4	22:50-22:55	54.0	53.8	02:50-02:55	54.1	52.8	04:50-04:55	56.8	59.7
20:55-21:00	53.1	52.8	22:55-23:00	53.8	53.4	02:55-03:00	54.2	52.8	04:55-05:00	57.8	56.7
21:00-21:05	53.0	52.8	23:00-23:05	54.7	53.4	03:00-03:05	54.1	52.7	04:58-05:03	56.3	52.6
21:05-21:10	52.8	52.4	23:05-23:10	52.7	52.3	03:05-03:10	53.4	52.8	05:00-05:05	54.8	53.8
21:10-21:15	52.8	52.4	23:10-23:15	53.8	52.4	03:10-03:15	54.2	53.8	05:10-05:15	54.0	53.3
21:15-21:20	53.2	52.7	23:15-23:20	53.8	52.8	03:15-03:20	54.8	52.8	05:15-05:20	54.2	52.4
21:20-21:25	53.2	52.7	23:20-23:25	54.8	52.5	03:20-03:25	53.3	54.1	05:20-05:25	54.5	53.4
21:25-21:30	53.0	52.8	23:25-23:30	54.4	52.5	03:25-03:30	52.5	54.5	05:25-05:30	54.1	53.7
21:30-21:35	52.8	52.8	23:30-23:35	54.2	52.4	03:30-03:35	50.7	54.5	05:30-05:35	54.1	52.4
21:35-21:40	53.2	52.8	23:35-23:40	54.2	52.1	03:35-03:40	50.7	54.8	05:35-05:40	53.8	53.4
21:40-21:45	53.4	52.9	23:40-23:45	53.0	52.5	03:40-03:45	50.8	54.8	05:40-05:45	54.2	52.4
21:45-21:50	53.5	52.0	23:45-23:50	54.1	52.8	03:45-03:50	50.0	54.8	05:45-05:50	53.7	53.2
21:50-21:55	53.3	52.9	23:50-23:55	52.8	52.4	03:50-03:55	50.8	54.8	05:50-05:55	53.8	53.1
21:55-22:00	53.2	52.7	23:55-24:00	52.7	52.3	03:55-04:00	50.3	52.3	05:55-06:00	53.7	53.2
22:00-22:05	53.8	52.8	00:00-00:05	52.0	52.2	04:00-04:05	52.4	52.4	06:00-06:05	52.7	52.1
22:05-22:10	53.9	52.9	00:05-00:10	52.7	52.3	04:05-04:10	50.3	52.3	06:05-06:10	52.8	52.4
22:10-22:15	53.3	52.8	00:10-00:15	52.7	52.3	04:10-04:15	52.8	52.4	06:10-06:15	52.5	52.0
22:15-22:20	53.2	52.7	00:15-00:20	53.8	52.3	04:15-04:20	52.8	52.4	06:15-06:20	52.4	52.2
22:20-22:25	54.0	52.8	00:20-00:25	52.8	52.4	04:20-04:25	52.4	52.4	06:20-06:25	52.4	52.2
22:25-22:30	52.3	52.8	00:25-00:30	52.8	52.3	04:25-04:30	52.0	52.8	06:25-06:30	52.8	52.3
22:30-22:35	52.8	52.8	00:30-00:35	52.8	52.8	04:30-04:35	50.7	52.1	06:30-06:35	52.8	52.1
22:35-22:40	52.0	52.4	00:35-00:40	52.1	52.8	04:35-04:40	52.8	52.3	06:35-06:40	52.6	52.8
22:40-22:45	52.2	52.8	00:40-00:45	52.8	52.3	04:40-04:45	52.6	52.1	06:40-06:45	52.4	52.9
22:45-22:50	52.3	52.8	00:45-00:50	52.8	52.3	04:45-04:50	50.8	52.3	06:45-06:50	52.4	52.8
22:50-22:55	52.3	52.8	00:50-00:55	52.7	52.3	04:50-04:55	50.3	52.8	06:50-06:55	54.7	52.9
22:55-23:00	54.1	52.8	00:55-01:00	52.9	52.4	04:55-05:00	51.8	52.5	06:55-07:00	54.1	52.0

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 EGCO Tower, Witwadi Rangsit Road, Thung Song Hong, Luk Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 1W380 Moo 18, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The outside area of the Projects fence, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WG84) 47P 020240 E, 1552195 N
Measured Date : May 12-13, 2025
Measured By : Mr.Nitai Sirichad
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scairel Tech Model ST-21D Serial Number 820457

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90
08:00-08:05	54.5	52.1	11:20-11:25	52.5	52.9	14:00-14:05	55.4	55.5
08:05-08:10	57.0	57.0	11:25-11:30	53.4	52.9	14:05-14:10	56.5	57.9
08:10-08:15	59.0	58.0	11:30-11:35	55.4	55.4	14:10-14:15	58.5	57.4
08:15-08:20	58.3	57.9	11:35-11:40	55.8	55.8	14:15-14:20	58.1	56.6
08:20-08:25	58.6	58.1	11:40-11:45	54.9	55.1	14:20-14:25	55.8	55.6
08:25-08:30	56.4	53.4	11:45-11:50	55.7	54.9	14:25-14:30	57.5	58.4
08:30-08:35	53.8	53.4	11:50-11:55	53.5	52.7	14:30-14:35	55.0	55.2
08:35-08:40	57.3	54.1	11:55-12:00	52.8	56.5	14:35-14:40	54.1	53.1
08:40-08:45	58.8	58.1	11:58-12:03	57.7	57.2	14:40-14:45	52.5	52.0
08:45-08:50	60.4	58.1	11:59-12:04	57.3	56.2	14:45-14:50	53.9	52.0
08:50-08:55	60.0	58.5	11:59-12:04	58.3	56.5	14:50-14:55	53.5	53.8
08:55-09:00	60.4	58.3	11:59-12:05	55.8	52.9	14:55-15:00	54.0	52.9
09:00-09:05	61.7	61.7	12:00-12:05	54.1	52.9	15:00-15:05	53.4	53.6
09:05-09:10	60.7	58.6	12:05-12:10	54.9	55.4	15:05-15:10	53.6	52.6
09:10-09:15	60.1	58.3	12:10-12:15	58.2	55.9	15:10-15:15	53.5	53.0
09:15-09:20	61.2	61.4	12:15-12:20	58.0	55.4	15:15-15:20	54.4	52.0
09:20-09:25	54.1	52.3	12:20-12:25	56.4	55.8	15:20-15:25	54.3	53.9
09:25-09:30	54.1	52.5	12:25-12:30	56.7	58.0	15:25-15:30	54.1	52.0
09:30-09:35	54.6	54.4	12:30-12:35	56.7	58.2	15:30-15:35	53.6	52.9
09:35-09:40	54.6	54.3	12:35-12:40	56.2	56.2	15:35-15:40	52.5	52.5
09:40-09:45	55.1	54.8	12:40-12:45	54.3	55.9	15:40-15:45	54.2	53.1
09:45-09:50	56.1	55.1	12:45-12:50	54.3	53.6	15:45-15:50	55.5	53.8
09:50-09:55	58.0	58.3	12:50-12:55	54.4	52.4	15:50-15:55	54.3	53.8
09:55-10:00	58.3	57.3	12:55-13:00	53.9	51.7	15:55-16:00	53.7	53.0
10:00-10:05	58.3	57.2	13:00-13:05	53.8	52.1	16:00-16:05	53.5	52.9
10:05-10:10	57.1	52.5	13:05-13:10	53.8	53.0	16:05-16:10	53.7	52.5
10:10-10:15	53.4	51.1	13:10-13:15	52.8	53.1	16:10-16:15	53.8	52.0
10:15-10:20	54.6	53.8	13:15-13:20	52.9	53.4	16:15-16:20	53.4	51.0
10:20-10:25	54.9	53.9	13:20-13:25	53.4	52.0	16:20-16:25	53.7	51.1
10:25-10:30	53.4	53.0	13:25-13:30	52.8	52.1	16:25-16:30	53.5	51.4
10:30-10:35	53.4	52.8	13:30-13:35	52.4	52.1	16:30-16:35	53.5	51.8
10:35-10:40	53.6	52.9	13:35-13:40	51.5	51.4	16:35-16:40	54.4	52.8
10:40-10:45	53.9	52.9	13:40-13:45	51.5	52.9	16:40-16:45	54.0	52.4
10:45-10:50	53.9	52.9	13:45-13:50	51.5	52.9	16:45-16:50	54.0	52.4
10:50-10:55	53.9	54.4	13:50-13:55	53.8	53.2	16:50-16:55	54.0	52.4
10:55-11:00	58.1	53.7	13:55-14:00	58.6	53.8	16:55-17:00	53.4	52.5

ANALYSIS REPORT

Customer Name : Banpong Utilities Co., Ltd.
Address : 122 EGCO Tower, Witwadi Rangsit Road, Thung Song Hong, Luk Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banpong District, Ratchaburi Province
Project Location : 1W380 Moo 18, Tha Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : The outside area of the Projects fence, Tambon Tha Pha, Banpong District, Ratchaburi Province
GPS Coordinate : UTM (WG84) 47P 020240 E, 1552195 N
Measured Date : May 12-13, 2025
Measured By : Mr.Nitai Sirichad
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scairel Tech Model ST-21D Serial Number 820457

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90
20:00-20:05	52.8	52.5	23:40-23:45	52.1	52.8	02:00-02:05	52.2	52.4
20:05-20:10	52.4	52.5	23:45-23:50	53.8	53.8	02:05-02:10	53.4	53.8
20:10-20:15	53.2	52.7	23:50-23:55	53.1	52.7	02:10-02:15	52.6	52.1
20:15-20:20	53.8	53.8	23:55-24:00	52.2	52.7	02:15-02:20	52.7	52.4
20:20-20:25	52.1	52.7	24:00-24:05	55.8	54.8	02:20-02:25	53.7	53.3
20:25-20:30	53.3	52.7	24:05-24:10	54.1	52.9	02:25-02:30	52.6	52.2
20:30-20:35	53.0	52.8	24:10-24:15	53.4	53.1	02:30-02:35	53.6	52.8
20:35-20:40	52.0	52.8	24:15-24:20	52.4	52.9	02:35-02:40	54.8	52.4
20:40-20:45	52.1	52.7	24:20-24:25	53.4	52.9	02:40-02:45	54.1	52.1
20:45-20:50	52.0	52.8	24:25-24:30	53.4	53.1	02:45-02:50	54.1	52.4
20:50-20:55	53.0	52.7	24:30-24:35	53.4	53.2	02:50-02:55	53.7	53.1
20:55-21:00	53.2	52.7	24:35-24:40	53.8	53.2	02:55-03:00	53.6	52.1
21:00-21:05	53.4	52.9	24:40-24:45	54.3	53.2	03:00-03:05	53.9	52.3
21:05-21:10	53.3	52.9	24:45-24:50	52.4	52.2	03:05-03:10	54.1	52.3
21:10-21:15	53.2	52.8	24:50-24:55	52.6	52.8	03:10-03:15	54.3	52.3
21:15-21:20	53.3	52.8	24:55-25:00	52.4	52.0	03:15-03:20	54.3	52.4
21:20-21:25	53.1	52.6	25:00-25:05	52.5	52.9	03:20-03:25	53.5	52.8
21:25-21:30	53.8	53.4	25:05-25:10	53.3	52.9	03:25-03:30	52.7	52.7
21:30-21:35	53.8	53.4	25:10-25:15	53.3	52.9	03:30-03:35	54.1	52.4
21:35-21:40	53.9	53.5	25:15-25:20	53.1	52.0	03:35-03:40	54.1	52.4
21:40-21:45	53.8	52.6	25:20-25:25	53.5	52.9	03:40-03:45	52.4	52.1
21:45-21:50	53.1	52.8	25:25-25:30	53.2	52.9	03:45-03:50	52.6	52.1
21:50-21:55	53.1	52.8	25:30-25:35	53.5	52.9	03:50-03:55	52.1	52.4
21:55-22:00	53.6	52.9	25:35-25:40	53.1	52.4	03:55-04:00	52.9	52.1
22:00-22:05	53.4	52.9	25:40-25:45	53.1	52.6	04:00-04:05	52.9	52.4
22:05-22:10	52.4	52.8	25:45-25:50	53.9	52.4	04:05-04:10	52.1	52.5
22:10-22:15	52.1	52.8	25:50-25:55	53.1	52.6	04:10-04:15	52.8	52.5
22:15-22:20	52.0	52.6	25:55-26:00	53.0	52.6	04:15-04:20	52.8	52.4
22:20-22:25	52.3	52.7	26:00-26:05	52.9	52.5	04:20-04:25	52.4	52.8
22:25-22:30	52.3	52.8	26:05-26:10	52.0	52.5	04:25-04:30	52.7	52.8
22:30-22:35	52.8	52.7	26:10-26:15	52.2	52.8	04:30-04:35	52.2	52.9
22:35-22:40	52.9	52.7	26:15-26:20	52.4	52.7	04:35-04:40	52.3	52.3
22:40-22:45	52.1	52.7	26:20-26:25	52.7	52.7	04:40-04:45	52.8	52.8
22:45-22:50	52.1	52.7	26:25-26:30	52.7	52.7	04:45-04:50	52.8	52.8
22:50-22:55	52.1	52.7	26:30-26:35	52.7	52.7	04:50-04:55	52.8	52.8
22:55-23:00	52.1	52.9	26:35-26:40	52.4	52.7	04:55-05:00	52.8	52.8

ANALYSIS REPORT

Customer Name : Benpong Utilities Co., Ltd.
Address : 1212 EGCO Tower, Witthachit Rongkit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Benpong District, Ratchaburi Province
Project Location : 15/300 Moo 13, Tho Pha, San Phang, Ratchaburi
Measured Source : Ambient Noise
Measured Point : (The outside area of the Projects fence, Tambon Tho Pha, Benpong District, Ratchaburi Province)
GPS. Coordinate : UTM (WG84) 47P 6502469 E, 1332305 N
Measured Date : May 13, 2025
Measured By : Mr.Natd Sanich
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-21D Serial Number 820457

Quotation No. : JAR2025-00286
Analysis No. : J025-AC053-040
Report No. : J025-RAA710
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
06:00-06:05	57.3	53.3	11:00-11:05	57.7	56.9	14:05-14:10	52.1	51.8	17:05-17:10	53.3	53.9
06:05-06:10	56.5	53.4	11:05-11:10	57.8	56.9	14:10-14:15	53.8	52.9	17:10-17:15	53.8	53.9
06:10-06:15	53.9	52.3	11:10-11:15	58.4	57.8	14:15-14:20	52.9	51.9	17:15-17:20	53.5	52.7
06:15-06:20	54.0	53.3	11:15-11:20	57.8	57.8	14:20-14:25	52.4	52.4	17:20-17:25	53.8	53.2
06:20-06:25	54.3	52.3	11:20-11:25	52.7	51.8	14:25-14:30	52.3	52.4	17:25-17:30	54.0	53.4
06:25-06:30	54.2	52.4	11:25-11:30	56.5	52.1	14:30-14:35	52.2	52.3	17:30-17:35	54.3	53.7
06:30-06:35	53.0	52.0	11:30-11:35	52.8	51.4	14:35-14:40	54.2	54.8	17:35-17:40	54.7	54.0
06:35-06:40	53.0	52.1	11:35-11:40	58.0	51.4	14:40-14:45	52.2	51.8	17:40-17:45	54.4	53.5
06:40-06:45	54.0	53.4	11:40-11:45	58.5	51.5	14:45-14:50	51.0	54.7	17:45-17:50	54.3	53.5
06:45-06:50	52.9	52.2	11:45-11:50	54.0	54.3	14:50-14:55	55.7	51.3	17:50-17:55	54.1	53.5
06:50-06:55	57.8	55.1	11:50-11:55	54.0	54.1	14:55-15:00	56.1	53.5	17:55-18:00	54.2	52.7
06:55-07:00	56.2	56.8	11:55-12:00	51.7	52.8	15:00-15:05	55.7	54.8	18:00-18:05	53.8	53.8
07:00-07:05	59.2	56.8	12:00-12:05	51.3	52.6	15:05-15:10	53.7	53.1	18:05-18:10	53.8	52.9
07:05-07:10	59.4	57.5	12:05-12:10	51.2	52.8	15:10-15:15	54.8	54.7	18:10-18:15	54.1	53.0
07:10-07:15	58.7	58.1	12:10-12:15	53.4	52.9	15:15-15:20	55.8	56.1	18:15-18:20	54.2	52.0
07:15-07:20	56.9	56.8	12:15-12:20	57.9	58.0	15:20-15:25	51.4	51.9	18:20-18:25	58.0	53.6
07:20-07:25	58.4	57.8	12:20-12:25	57.1	53.0	15:25-15:30	54.3	52.1	18:25-18:30	54.9	54.9
07:25-07:30	56.3	53.4	12:25-12:30	53.4	52.9	15:30-15:35	56.3	56.4	18:30-18:35	55.5	54.7
07:30-07:35	57.8	57.3	12:30-12:35	52.8	58.0	15:35-15:40	51.0	51.8	18:35-18:40	55.1	54.4
07:35-07:40	58.6	58.0	12:35-12:40	56.4	53.8	15:40-15:45	51.1	52.8	18:40-18:45	55.3	54.4
07:40-07:45	57.7	56.9	12:40-12:45	53.7	53.6	15:45-15:50	50.9	52.1	18:45-18:50	55.3	53.8
07:45-07:50	57.6	57.0	12:45-12:50	57.3	52.7	15:50-15:55	54.2	52.8	18:50-18:55	57.3	56.3
07:50-07:55	57.6	57.2	12:50-12:55	54.8	52.8	15:55-16:00	54.2	52.8	18:55-19:00	57.3	56.3
07:55-08:00	57.8	57.1	12:55-13:00	56.8	52.8	16:00-16:05	51.8	52.8	19:00-19:05	57.6	56.5
08:00-08:05	57.1	56.3	13:00-13:05	56.8	54.8	16:05-16:10	51.2	52.2	19:05-19:10	57.1	56.0
08:05-08:10	58.2	57.0	13:05-13:10	57.3	56.5	16:10-16:15	52.4	52.3	19:10-19:15	56.4	54.3
08:10-08:15	57.9	57.1	13:10-13:15	56.1	55.5	16:15-16:20	51.3	51.4	19:15-19:20	55.8	54.8
08:15-08:20	54.0	56.9	13:15-13:20	56.2	56.8	16:20-16:25	51.2	52.3	19:20-19:25	56.1	54.0
08:20-08:25	53.5	53.0	13:20-13:25	55.5	54.7	16:25-16:30	51.3	51.8	19:25-19:30	56.3	55.1
08:25-08:30	53.3	52.8	13:25-13:30	54.0	52.7	16:30-16:35	52.4	51.7	19:30-19:35	56.8	54.8
08:30-08:35	53.3	52.8	13:30-13:35	52.2	51.4	16:35-16:40	52.3	51.8	19:35-19:40	56.7	54.5
08:35-08:40	52.4	51.9	13:35-13:40	52.7	51.4	16:40-16:45	52.8	51.8	19:40-19:45	55.8	53.7
08:40-08:45	53.8	52.1	13:40-13:45	52.4	51.7	16:45-16:50	52.9	52.8	19:45-19:50	55.7	54.6
08:45-08:50	57.8	56.8	13:45-13:50	53.5	51.7	16:50-16:55	54.1	53.3	19:50-19:55	55.4	54.2
08:50-08:55	57.8	57.8	13:50-13:55	52.4	51.8	16:55-17:00	52.0	52.7	19:55-20:00	55.4	54.4
08:55-09:00	57.7	57.1	13:55-14:00	52.5	51.7	17:00-17:05	53.3	52.8	20:00-20:05	55.8	52.8

ANALYSIS REPORT

Customer Name : Benpong Utilities Co., Ltd.
Address : 1212 EGCO Tower, Witthachit Rongkit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Benpong District, Ratchaburi Province
Project Location : 15/300 Moo 13, Tho Pha, San Phang, Ratchaburi
Measured Source : Ambient Noise
Measured Point : (The outside area of the Projects fence, Tambon Tho Pha, Benpong District, Ratchaburi Province)
GPS. Coordinate : UTM (WG84) 47P 6502469 E, 1332305 N
Measured Date : May 13-14, 2025
Measured By : Mr.Natd Sanich
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-21D Serial Number 820457

Quotation No. : JAR2025-00286
Analysis No. : J025-AC053-040
Report No. : J025-RAA710
Report Date : May 30, 2025

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	54.1	51.1	23:00-23:05	54.0	52.4	02:00-02:05	54.0	52.1	05:00-05:05	54.3	55.7
20:05-20:10	54.2	51.5	23:05-23:10	56.3	53.4	02:05-02:10	53.7	52.1	05:05-05:10	58.7	58.1
20:10-20:15	53.6	53.6	23:10-23:15	54.9	54.3	02:10-02:15	52.4	52.0	05:10-05:15	58.7	58.3
20:15-20:20	53.6	53.1	23:15-23:20	54.7	54.2	02:15-02:20	52.3	52.8	05:15-05:20	58.8	58.4
20:20-20:25	53.6	53.0	23:20-23:25	54.3	53.8	02:20-02:25	53.1	52.7	05:20-05:25	57.7	56.9
20:25-20:30	52.4	52.9	23:25-23:30	57.3	53.1	02:25-02:30	52.7	52.9	05:25-05:30	58.9	58.5
20:30-20:35	52.3	52.4	23:30-23:35	57.8	52.3	02:30-02:35	53.8	53.1	05:30-05:35	56.4	54.9
20:35-20:40	52.2	52.7	23:35-23:40	58.1	54.8	02:35-02:40	53.9	51.4	05:35-05:40	55.9	54.2
20:40-20:45	52.3	52.8	23:40-23:45	54.8	53.8	02:40-02:45	52.7	52.2	05:40-05:45	58.8	58.7
20:45-20:50	57.6	57.1	23:45-23:50	54.0	53.6	02:45-02:50	54.1	53.8	05:45-05:50	57.4	55.0
20:50-20:55	52.4	52.8	23:50-23:55	56.9	53.4	02:50-02:55	54.3	51.7	05:50-05:55	54.2	53.4
20:55-01:00	52.8	52.1	23:55-00:00	53.8	53.1	02:55-03:00	52.9	51.5	05:55-06:00	53.8	53.2
21:00-21:05	52.4	52.9	00:00-00:05	52.7	52.3	03:00-03:05	54.8	52.3	06:00-06:05	52.1	52.8
21:05-21:10	52.3	52.8	00:05-00:10	54.8	52.3	03:05-03:10	53.9	54.7	06:05-06:10	53.8	53.1
21:10-21:15	53.4	53.8	00:10-00:15	53.8	53.1	03:10-03:15	54.1	53.0	06:10-06:15	52.8	52.1
21:15-21:20	53.5	54.0	00:15-00:20	52.7	52.2	03:15-03:20	54.3	52.1	06:15-06:20	52.9	52.1
21:20-21:25	53.6	53.1	00:20-00:25	51.4	52.3	03:20-03:25	54.3	53.1	06:20-06:25	53.8	52.8
21:25-21:30	53.6	53.4	00:25-00:30	54.2	53.8	03:25-03:30	54.2	52.8	06:25-06:30	53.1	52.5
21:30-21:35	53.4	52.9	00:30-00:35	54.3	53.8	03:30-03:35	53.9	54.8	06:30-06:35	54.8	52.3
21:35-21:40	53.3	52.7	00:35-00:40	53.8	53.8	03:35-03:40	54.0	53.0	06:35-06:40	53.2	52.4
21:40-21:45	53.1	52.1	00:40-00:45	52.4	52.8	03:40-03:45	54.7	53.3	06:40-06:45	54.8	52.8
21:45-21:50	54.2	51.4	00:45-00:50	52.5	52.2	03:45-03:50	53.4	52.8	06:45-06:50	56.8	52.4
21:50-21:55	52.1	52.8	00:50-00:55	55.7	53.1	03:50-03:55	53.8	54.1	06:50-06:55	60.8	53.8
21:55-02:00	53.3	52.8	00:55-01:00	54.2	53.7	03:55-04:00	56.3	54.5	06:55-07:00	62.9	52.0
02:00-02:05	55.8	52.8	01:00-01:05	54.8	53.5	04:00-04:05	58.9	54.9	07:00-07:05	53.9	54.7
02:05-02:10	53.1	52.6	01:05-01:10	54.1	53.4	04:05-04:10	58.7	55.2	07:05-07:10	53.1	53.8
02:10-02:15	54.8	52.2	01:10-01:15	53.7	53.3	04:10-04:15	58.8	55.2	07:10-07:15	60.2	52.8
02:15-02:20	52.7	52.3	01:15-01:20	53.7	53.2	04:15-04:20	57.3	55.7	07:15-07:20	58.1	52.7
02:20-02:25	52.9	52.5	01:20-01:25	51.7	51.3	04:20-04:25	57.7	56.0	07:20-07:25	53.1	53.8
02:25-02:30	52.7	52.4	01:25-01:30	52.8	51.3	04:25-04:30	58.1	54.4	07:25-07:30	53.1	52.5
02:30-02:35	52.8	52.6	01:30-01:35	54.8	51.5	04:30-04:35	58.2	58.4	07:30-07:35	53.8	54.8
02:35-02:40	52.1	52.4	01:35-01:40	54.2	53.8	04:35-04:40	58.3	56.8	07:35-07:40	53.2	52.7
02:40-02:45	52.1	52.7	01:40-01:45	58.8	53.4	04:40-04:45	57.8	56.5	07:40-07:45	56.4	52.7
02:45-02:50	52.2	52.8	01:45-01:50	58.8	52.3	04:45-04:50	58.8	56.4	07:45-07:50	53.9	54.8
02:50-02:55	52.7	52.1	01:50-01:55	52.5	52.1	04:50-04:55	58.2	57.1	07:50-07:55	52.4	52.8
02:55-03:00	52.7	52.1	01:55-02:00	54.4	52.8	04:55-05:00	58.7	57.8	07:55-08:00	53.8	54.8

ANALYSIS REPORT

Customer Name : Banjong Utilities Co., Ltd.
Address : 222 BSCD Tower, Witthachai Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banjong District, Ratchaburi Province
Project Location : 15/300 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : (The outside area of the Projects fence, Tambon Tho Pha, Banjong District, Ratchaburi Province)
GPS Coordinate : UTM (WG84) 47P 0592469 E, 1533295 N
Measured Date : May 14, 2025
Measured By : Mr.Nitad Sirichad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-21D Serial Number 820467

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	57.2	52.9	11:00-11:05	54.1	50.1	14:00-14:05	61.5	55.1	17:00-17:05	59.8	54.2	20:00-20:05	58.2	53.2
08:05-08:10	53.4	52.9	11:05-11:10	56.2	50.0	14:05-14:10	60.0	53.6	17:05-17:10	61.3	53.2	20:05-20:10	58.2	53.2
08:10-08:15	53.4	52.7	11:10-11:15	55.2	54.7	14:10-14:15	59.0	52.4	17:10-17:15	61.2	53.2	20:10-20:15	58.4	52.7
08:15-08:20	54.5	52.8	11:15-11:20	55.3	54.8	14:15-14:20	61.2	53.4	17:15-17:20	60.0	53.4	20:15-20:20	58.3	52.4
08:20-08:25	53.6	52.8	11:20-11:25	55.3	54.5	14:20-14:25	63.1	55.4	17:20-17:25	60.2	53.2	20:20-20:25	58.5	52.5
08:25-08:30	54.0	53.1	11:25-11:30	55.5	54.9	14:25-14:30	64.4	53.5	17:25-17:30	60.5	53.2	20:25-20:30	58.4	52.7
08:30-08:35	53.3	52.8	11:30-11:35	56.1	52.8	14:30-14:35	59.1	53.4	17:30-17:35	60.3	53.3	20:30-20:35	58.4	52.8
08:35-08:40	54.2	53.1	11:35-11:40	54.8	54.1	14:35-14:40	55.3	54.8	17:35-17:40	60.0	53.2	20:35-20:40	58.3	52.8
08:40-08:45	52.5	53.8	11:40-11:45	54.8	54.1	14:40-14:45	62.2	53.4	17:40-17:45	60.0	53.2	20:40-20:45	58.2	52.0
08:45-08:50	61.4	53.8	11:45-11:50	54.6	54.8	14:45-14:50	53.6	53.3	17:45-17:50	60.8	53.1	20:45-20:50	58.3	52.3
08:50-08:55	54.7	53.9	11:50-11:55	54.1	53.8	14:50-14:55	52.9	53.2	17:50-17:55	61.0	53.4	20:50-20:55	58.3	52.3
08:55-09:00	54.2	53.7	11:55-12:00	54.1	53.8	14:55-15:00	53.6	53.6	17:55-18:00	59.8	53.3	20:55-21:00	58.3	52.3
09:00-09:05	54.1	53.6	12:00-12:05	56.2	53.4	15:00-15:05	53.7	53.3	18:00-18:05	58.1	53.2	21:00-21:05	58.4	52.7
09:05-09:10	54.4	53.9	12:05-12:10	56.4	53.2	15:05-15:10	51.8	54.1	18:05-18:10	53.8	53.0	21:05-21:10	58.2	53.8
09:10-09:15	54.4	54.2	12:10-12:15	54.2	53.2	15:10-15:15	54.1	54.3	18:10-18:15	62.8	53.3	21:10-21:15	58.2	53.8
09:15-09:20	54.3	53.4	12:15-12:20	56.4	53.3	15:15-15:20	53.8	54.1	18:15-18:20	61.8	53.6	21:15-21:20	58.3	53.9
09:20-09:25	54.5	53.3	12:20-12:25	56.4	53.5	15:20-15:25	53.3	53.4	18:20-18:25	54.7	53.6	21:20-21:25	58.3	53.6
09:25-09:30	53.8	53.4	12:25-12:30	54.1	52.3	15:25-15:30	62.4	60.3	18:25-18:30	56.3	54.7	21:25-21:30	58.3	53.6
09:30-09:35	53.3	53.8	12:30-12:35	54.3	53.3	15:30-15:35	53.8	55.4	18:30-18:35	55.4	54.6	21:30-21:35	58.3	53.6
09:35-09:40	54.8	52.8	12:35-12:40	53.7	53.1	15:35-15:40	60.2	53.1	18:35-18:40	53.3	54.8	21:35-21:40	58.2	53.7
09:40-09:45	56.3	53.8	12:40-12:45	53.8	53.1	15:40-15:45	54.1	53.3	18:40-18:45	57.3	54.8	21:40-21:45	58.1	53.8
09:45-09:50	56.2	54.4	12:45-12:50	54.8	53.2	15:45-15:50	61.0	62.2	18:45-18:50	56.7	54.8	21:45-21:50	58.1	53.7
09:50-09:55	52.4	54.8	12:50-12:55	53.8	53.3	15:50-15:55	61.2	55.6	18:50-18:55	58.1	54.8	21:50-21:55	58.1	54.8
09:55-10:00	56.6	54.8	12:55-13:00	53.9	53.9	15:55-16:00	61.0	55.3	18:55-19:00	54.4	54.6	21:55-22:00	58.1	54.8
10:00-10:05	56.3	55.8	13:00-13:05	56.0	54.3	16:00-16:05	62.4	57.5	19:00-19:05	57.1	55.0	22:00-22:05	58.2	55.8
10:05-10:10	56.6	56.1	13:05-13:10	56.5	54.9	16:05-16:10	60.3	55.2	19:05-19:10	56.8	55.2	22:05-22:10	58.3	55.8
10:10-10:15	56.3	56.0	13:10-13:15	55.7	54.4	16:10-16:15	62.5	55.1	19:10-19:15	58.8	55.2	22:10-22:15	58.3	55.8
10:15-10:20	55.5	54.8	13:15-13:20	61.3	54.4	16:15-16:20	53.8	53.2	19:15-19:20	54.9	53.8	22:15-22:20	58.3	55.8
10:20-10:25	55.1	54.5	13:20-13:25	63.4	54.6	16:20-16:25	58.0	53.1	19:20-19:25	58.1	54.1	22:20-22:25	58.3	55.8
10:25-10:30	54.9	55.3	13:25-13:30	61.5	54.6	16:25-16:30	58.8	53.1	19:25-19:30	56.3	53.7	22:25-22:30	58.3	55.7
10:30-10:35	54.2	55.0	13:30-13:35	61.5	54.6	16:30-16:35	54.2	53.2	19:30-19:35	54.1	53.4	22:30-22:35	58.3	53.4
10:35-10:40	56.8	55.4	13:35-13:40	62.1	54.3	16:35-16:40	58.4	53.4	19:35-19:40	53.8	53.8	22:35-22:40	58.3	53.8
10:40-10:45	61.8	55.7	13:40-13:45	62.6	54.8	16:40-16:45	53.8	53.1	19:40-19:45	53.7	53.8	22:40-22:45	58.3	53.8
10:45-10:50	55.2	54.6	13:45-13:50	54.7	54.1	16:45-16:50	53.9	53.3	19:45-19:50	53.0	53.1	22:45-22:50	58.3	53.8
10:50-10:55	56.4	54.8	13:50-13:55	56.1	54.3	16:50-16:55	53.8	53.0	19:50-19:55	53.6	53.1	22:50-22:55	58.3	53.8
10:55-11:00	55.4	54.7	13:55-14:00	54.4	53.5	16:55-17:00	62.7	55.1	19:55-20:00	53.3	52.9	22:55-23:00	58.3	53.8

ANALYSIS REPORT

Customer Name : Banjong Utilities Co., Ltd.
Address : 222 BSCD Tower, Witthachai Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Banjong District, Ratchaburi Province
Project Location : 15/300 Moo 19, Tho Pha, Ban Pong, Ratchaburi
Measured Source : Ambient Noise
Measured Point : (The outside area of the Projects fence, Tambon Tho Pha, Banjong District, Ratchaburi Province)
GPS Coordinate : UTM (WG84) 47P 0592469 E, 1533295 N
Measured Date : May 14, 2025
Measured By : Mr.Nitad Sirichad
Analyzed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter Scalet Tech Model ST-21D Serial Number 820467

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	58.2	53.8	23:00-23:05	52.9	52.8	02:00-02:05	52.0	52.5	05:00-05:05	57.8	56.1
20:05-20:10	58.2	53.8	23:05-23:10	52.8	52.6	02:05-02:10	52.2	52.5	05:05-05:10	58.3	56.4
20:10-20:15	58.4	53.8	23:10-23:15	53.8	52.7	02:10-02:15	52.8	52.4	05:10-05:15	58.3	56.7
20:15-20:20	58.3	53.1	23:15-23:20	53.8	52.6	02:15-02:20	52.8	52.5	05:15-05:20	58.7	57.4
20:20-20:25	58.3	52.9	23:20-23:25	53.1	52.6	02:20-02:25	52.5	52.6	05:20-05:25	58.1	57.5
20:25-20:30	58.4	52.8	23:25-23:30	53.8	52.7	02:25-02:30	52.4	52.7	05:25-05:30	58.3	57.4
20:30-20:35	58.8	52.8	23:30-23:35	53.3	52.8	02:30-02:35	52.6	52.5	05:30-05:35	58.8	57.1
20:35-20:40	58.8	52.8	23:35-23:40	53.3	52.8	02:35-02:40	52.6	52.5	05:35-05:40	58.3	56.4
20:40-20:45	58.2	53.0	23:40-23:45	58.3	52.8	02:40-02:45	52.2	52.5	05:40-05:45	58.1	56.8
20:45-20:50	58.3	52.8	23:45-23:50	58.3	52.8	02:45-02:50	52.4	52.8	05:45-05:50	58.3	56.3
20:50-20:55	58.3	52.8	23:50-23:55	58.3	52.8	02:50-02:55	52.3	52.8	05:50-05:55	58.3	56.3
20:55-21:00	58.3	52.8	23:55-24:00	58.1	53.0	02:55-03:00	53.1	52.7	05:55-06:00	58.4	56.4
21:00-21:05	58.4	52.8	00:00-00:05	54.8	52.8	03:00-03:05	53.1	52.7	06:00-06:05	58.1	54.7
21:05-21:10	58.2	53.8	00:05-00:10	52.8	52.5	03:05-03:10	54.1	52.7	06:05-06:10	58.2	54.0
21:10-21:15	58.2	52.8	00:10-00:15	52.8	52.5	03:10-03:15	53.8	52.8	06:10-06:15	58.3	53.7
21:15-21:20	58.3	52.9	00:15-00:20	52.8	52.4	03:15-03:20	54.3	52.1	06:15-06:20	58.3	53.6
21:20-21:25	53.5	52.5	00:20-00:25	54.3	52.1	03:20-03:25	54.3	52.1	06:20-06:25	58.3	53.6
21:25-21:30	53.9	52.8	00:25-00:30	52.6	52.2	03:25-03:30	54.1	52.5	06:25-06:30	54.3	53.2
21:30-21:35	57.2	58.7	00:30-00:35	52.5	52.1	03:30-03:35	54.3	52.1	06:30-06:35	54.3	53.2
21:35-21:40	53.2	52.7	00:35-00:40	61.3	52.9	03:35-03:40	55.8	52.7	06:35-06:40	54.4	53.8
21:40-21:45	63.1	62.9	00:40-00:45	52.7	52.0	03:40-03:45	53.8	52.1	06:40-06:45	54.1	54.0
21:45-21:50	63.1	62.7	00:45-00:50	53.3	52.7	03:45-03:50	53.2	52.7	06:45-06:50	54.2	54.1
21:50-21:55	58.4	52.8	00:50-00:55	53.2	52.7	03:50-03:55	53.5	52.8	06:50-06:55	54.2	54.1
21:55-22:00	58.1	52.7	00:55-01:00	53.2	52.6	03:55-04:00	53.9	52.8	06:55-07:00	54.4	53.8
22:00-22:05	58.2	52.8	01:00-01:05	52.6	52.8	04:00-04:05	56.1	52.4	07:00-07:05	54.5	53.5
22:05-22:10	52.3	52.9	01:05-01:10	53.3	52.8	04:05-04:10	56.3	52.8	07:05-07:10	54.3	53.8
22:10-22:15	53.0	52.7	01:10-01:15	53.3	52.9	04:10-04:15	56.3	52.8	07:10-07:15	54.4	53.9
22:15-22:20	53.1	52.7	01:15-01:20	52.9	52.5	04:15-04:20	56.6	53.1	07:15-07:20	54.0	54.1
22:20-22:25	53.1	52.9	01:20-01:25	52.8	52.4	04:20-04:25	56.4	52.9	07:20-07:25	54.8	54.0
22:25-22:30	58.1	52.8	01:25-01:30	52.8	52.4	04:25-04:30	58.4	52.8	07:25-07:30	54.2	53.7
22:30-22:35	53.2	52.9	01:30-01:35	52.9	52.5	04:30-04:35	56.1	53.6	07:30-07:35	54.5	53.9
22:35-22:40	53.0	52.7	01:35-01:40	53.1	52.2	04:35-04:40	52.8	56.1	07:35-07:40	54.3	53.8
22:40-22:45	53.8	52.7	01:40-01:45	53.8	52.8	04:40-04:45	52.0	56.1	07:40-07:45	54.3	53.8
22:45-22:50	53.3	52.7	01:45-01:50	52.0	52.8	04:45-04:50	52.3	53.8	07:45-07:50	54.3	53.8
22:50-22:55	53.2	52.7	01:50-01:55	52.8	52.7	04:50-04:55	52.1	52.7	07:50-07:55	54.0	53.4
22:55-23:00	53.0	52.7	01:55-02:00	52.1	52.7	04:55-05:00	52.6	56.3	07:55-08:00	54.3	53.9

รายงานผลการตรวจวัด ระดับเสียงในสถานที่ทำงาน



ANALYSIS REPORT

Customer Name : Bangkok Utilities Company Limited
 Address : 222 DGD Tower, Vibhavadi Rangsit Road, Tungprachong, Lakki, Bangkok 10210
 Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
 Project Location : 10/200 Moo 13, The Pua, Bangkok, Ratchaburi, Thailand
 Measured Source : Work Place Noise
 Measured Date : May 9, 2025
 Measured By : Mr. Nopparat Taweepapadit
 Analyzed By : Environment Research & Technology Co., Ltd.
 Measured Instrument : Integrating Sound Level Meter RION Model NL-21 Serial Number 820455

Quotation No. : AR2025-00186
 Analysis No. : 2025-AC275-001
 Report No. : 2025-PRC001
 Report Date : May 28, 2025

Measured Location/ Employee Name	Interval Time	Equivalent Level: dB(A)	Maximum Level: dB(A)	Standard U
Generator	08:00 - 09:00	82.7	84.8	-
	09:00 - 10:00	82.7	84.1	-
	10:00 - 11:00	81.8	84.4	-
	11:00 - 12:00	82.0	83.9	-
	12:00 - 13:00	81.8	83.7	-
	13:00 - 14:00	81.8	83.5	-
	14:00 - 15:00	81.7	83.4	-
	15:00 - 16:00	81.8	83.7	-
	16:00 - 17:00	81.8	83.7	-
	Equivalent Level 8 hrs (Leq 8 hrs)		81.9	90
	Maximum Level (Lmax)		84.8	140

Remarks : 1. Evaluation of the Ministry of Industry Marketing Working Environment, Occupational Health and Safety Measurements issued under Factory Act B.E.2558 (2015), published in the Royal Government Gazette, Vol.130, Part 128, dated December 1, B.E.2558 (2015).



ANALYSIS REPORT

Customer Name : Bangkok Utilities Company Limited
 Address : 222 DGD Tower, Vibhavadi Rangsit Road, Tungprachong, Lakki, Bangkok 10210
 Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
 Project Location : 10/200 Moo 13, The Pua, Bangkok, Ratchaburi, Thailand
 Measured Source : Work Place Noise
 Measured Date : May 9, 2025
 Measured By : Mr. Nopparat Taweepapadit
 Analyzed By : Environment Research & Technology Co., Ltd.
 Measured Instrument : Integrating Sound Level Meter RION Model NL-21 Serial Number 820455

Quotation No. : AR2025-00186
 Analysis No. : 2025-AC275-001
 Report No. : 2025-PRC001
 Report Date : May 28, 2025

Measured Location/ Employee Name	Interval Time	Equivalent Level: dB(A)	Maximum Level: dB(A)	Standard
Generator	08:00 - 09:00	82.7	84.8	-
	09:00 - 10:00	82.7	84.1	-
	10:00 - 11:00	81.8	84.4	-
	11:00 - 12:00	82.0	83.9	-
	12:00 - 13:00	81.8	83.7	-
	13:00 - 14:00	81.8	83.5	-
	14:00 - 15:00	81.7	83.4	-
	15:00 - 16:00	81.8	83.7	-
	16:00 - 17:00	81.8	83.7	-
	Equivalent Level 8 hrs (Leq 8 hrs)		81.9	-
	Time Weighted Average (TWA _{8h}) ⁽¹⁾		81.8	85 ⁽²⁾
	Maximum Level (Lmax)		84.8	115 ⁽³⁾

Remarks : 1. Calculation the Date of Employee Working the Area Throughout the Work Period.
 2. The Assessment of the Government of Labour Protection and Welfare issued under the Labour Protection Act B.E.2558 (2015), published in the Royal Government Gazette, Volume 130 Special Part 180 dated January 28, B.E.2561 (2018) and published in the Royal Government Gazette Volume 130 Special Part 120 dated March 13, B.E.2561 (2018).
 3. Ministerial Regulation of the Ministry of Labour, B.E.2561 (2018), published in the Royal Government Gazette No.133, Part 184 dated October 17, B.E.2561 (2018).



ANALYSIS REPORT

Customer Name : Bangkok Utilities Company Limited
Address : 222 EGCO Tower, Witthavadi Rangsit Road, Thungsonghong, Lat 10, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 15/100 Moo 19, Tha Pha, Banpang, Ratchaburi, Thailand
Measured Source : Work Place Noise
Measured Date : May 8, 2020
Measured By : Mr.Nopparat Taweepongsatit
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter RION Model NL-21 Serial Number 829466

Quotation No. : AC2020-00000
Analysis No. : 2020-AC175-002
Report No. : 2020-NHC002
Report Date : May 28, 2020

Measured Location/ Employee Name	Interval Time	Equivalent Level dB(A)	Maximum Level dB(A)	Standard ¹⁾
Cooling Tower	08:00 - 09:00	80.2	85.2	-
	09:00 - 10:00	84.2	89.1	-
	10:00 - 11:00	86.2	90.8	-
	11:00 - 12:00	86.2	90.8	-
	12:00 - 13:00	86.2	90.7	-
	13:00 - 14:00	86.1	90.5	-
	14:00 - 15:00	86.1	90.2	-
	15:00 - 16:00	86.1	90.2	-
	16:00 - 17:00	86.1	91.1	-
	Equivalent Level 8 hrs (Leq 8 hrs)	80.2		90
	Maximum Level (Lmax)	89.2		110

Remarks : ¹⁾ Notification of the Ministry of Industry regarding working environment, Occupational Health and Safety Measurements issued under Factory Act B.E.2535 (1992), published in the Royal Government Gazette, Vol.118, Part 1981, Serial Document 2, B.E.2536 (1993).



ANALYSIS REPORT

Customer Name : Bangkok Utilities Company Limited
Address : 222 EGCO Tower, Witthavadi Rangsit Road, Thungsonghong, Lat 10, Bangkok 10210
Project Name : Steam and Electricity Generating Unit Project, Bangkok District, Ratchaburi Province
Project Location : 15/100 Moo 19, Tha Pha, Banpang, Ratchaburi, Thailand
Measured Source : Work Place Noise
Measured Date : May 8, 2020
Measured By : Mr.Nopparat Taweepongsatit
Analysed By : Environment Research & Technology Co., Ltd.
Measured Instrument : Integrating Sound Level Meter RION Model NL-21 Serial Number 829466

Quotation No. : AP2020-00000
Analysis No. : 2020-AC175-002
Report No. : 2020-NHC002
Report Date : May 28, 2020

Measured Location/ Employee Name	Interval Time	Equivalent Level dB(A)	Maximum Level dB(A)	Standard
Cooling Tower	08:00 - 09:00	84.2	89.1	-
	09:00 - 10:00	84.2	89.1	-
	10:00 - 11:00	86.2	90.8	-
	11:00 - 12:00	86.2	90.8	-
	12:00 - 13:00	86.2	90.7	-
	13:00 - 14:00	86.1	90.5	-
	14:00 - 15:00	86.1	90.2	-
	15:00 - 16:00	86.1	90.2	-
	16:00 - 17:00	86.1	91.1	-
	Equivalent Level 8 hrs (Leq 8 hrs)	80.2		-
	Time Weighted Average (TWA _{8hr}) ²⁾	80.2		85 ²⁾
	Maximum Level (Lmax)	89.2		115 ³⁾

Remarks : ¹⁾ Calculation for Case of Employee Working in this Area Throughout the Work Period.
²⁾ The measurement of the Department of Labor Protection and Welfare, issued under the Labor Protection Regulation, B.E.2535 (1992), published in the Royal Government Gazette, Volume 120 Special Part 162 (June 26, B.E.2535) (1992), and published in the Royal Government Gazette Volume 120 Special Part 570 (April 19, B.E.2535) (1992).
³⁾ Measurement Regulation of the Ministry of Labor, B.E.2535 (1992), published in the Royal Government Gazette No.121, Part 162 (June 26, B.E.2535) (1992).



รายงานผลการตรวจวัด คุณภาพน้ำผิวดิน





Analysis / Test Report



Client : TLT Consultants Co., Ltd.
151, Nuan Chan Road, Nuan Chan, Bueng Kum, Bangkok Thailand 10230
P/O :
Project Name : โครงการหน่วยผลิตโอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 254759
Date Received :Mar 05, 2025
Date Reported :Mar 12, 2025
Report Number :3246962-1

Page 1 of 10

Sample Number	254759-1					
Sampled Date	Mar 05, 2025 2:10 PM					
Sample Description	น้ำผิวดิน					
Location	SW1 591723 1530753					
Date Analysis Commenced	Mar 05, 2025					
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Microbiological Testing						
Fecal Coliform	MPN/100mL	-	-	130.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	2400.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	208	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok
Depth *	m	-	-	3.40	Water Level Meter	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	7.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C	-	-	-	7.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok
Salinity *	ppt	-	0.1	0.1	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2520 B	Bangkok
Temperature *	Degree C	-	-	32.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	99	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok

Approved by

Scientist (3)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company



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Analysis / Test Report



Client : TLT Consultants Co., Ltd.
151, Nuan Chan Road, Nuan Chan, Bueng Kum, Bangkok Thailand 10230
P/O :
Project Name : โครงการหน่วยผลิตโอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 254759
Date Received :Mar 05, 2025
Date Reported :Mar 12, 2025
Report Number :3246962-1

Page 2 of 10

Sample Number	254759-1					
Sampled Date	Mar 05, 2025 2:10 PM					
Sample Description	น้ำผิวดิน					
Location	SW1 591723 1530753					
Date Analysis Commenced	Mar 05, 2025					
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	14	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok
Transparency *	m	-	-	0.95	Visual Method	Bangkok
Velocity *	m/s	-	-	0.60	Flow meter	Bangkok

Sampling By : Chawanthat Nakpanom

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025
-

Approved by

Sithichok Thongnuean
Scientist (3)

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Analysis / Test Report



Client : TLT Consultants Co., Ltd.
151, Nuan Chan Road, Nuan Chan, Bueng Kum, Bangkok Thailand 10230
P/O :
Project Name : โครงการหน่วยผลิตโอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 254759
Date Received :Mar 05, 2025
Date Reported :Mar 12, 2025
Report Number :3246962-1

Page 3 of 10

Sample Number	254759-2					
Sampled Date	Mar 05, 2025 2:15 PM					
Sample Description	น้ำผิวดิน					
Location	SW2 592034 1530729					
Date Analysis Commenced	Mar 05, 2025					
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Microbiological Testing						
Fecal Coliform	MPN/100mL	-	-	490.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	1100.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	210	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok
Depth *	m	-	-	4.10	Water Level Meter	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	8.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C	-	-	-	7.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok
Salinity *	ppt	-	0.1	0.1	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2520 B	Bangkok
Temperature *	Degree C	-	-	32.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	94	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok

Approved by

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Analysis / Test Report



Client : TLT Consultants Co., Ltd.
151, Nuan Chan Road, Nuan Chan, Bueng Kum, Bangkok Thailand 10230
P/O :
Project Name : โครงการหน่วยผลิตโอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 254759
Date Received :Mar 05, 2025
Date Reported :Mar 12, 2025
Report Number :3246962-1

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Sample Number	254759-2					
Sampled Date	Mar 05, 2025 2:15 PM					
Sample Description	น้ำผิวดิน					
Location	SW2 592034 1530729					
Date Analysis Commenced	Mar 05, 2025					
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok
Transparency *	m	-	-	0.90	Visual Method	Bangkok
Velocity *	m/s	-	-	0.50	Flow meter	Bangkok

Sampling By : Chawanthat Nakpanom

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025
-

Approved by

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Analysis / Test Report



Client : TLT Consultants Co., Ltd.
151, Nuan Chan Road, Nuan Chan, Bueng Kum, Bangkok Thailand 10230
P/O :
Project Name : โครงการหน่วยผลิตโอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 254759
Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3246962-1

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Sample Number	254759-3					
Sampled Date	Mar 05, 2025 2:30 PM					
Sample Description	น้ำผิวดิน					
Location	SW3 592439 1530716					
Date Analysis Commenced	Mar 05, 2025					
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Microbiological Testing						
Fecal Coliform	MPN/100mL	-	-	240.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	790.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	209	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok
Depth *	m	-	-	2.30	Water Level Meter	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	7.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok
Salinity *	ppt	-	0.1	0.1	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2520 B	Bangkok
Temperature *	Degree C	-	-	31.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	91	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok

Approved by

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Analysis / Test Report



Client : TLT Consultants Co., Ltd.
151, Nuan Chan Road, Nuan Chan, Bueng Kum, Bangkok Thailand 10230
P/O :
Project Name : โครงการหน่วยผลิตโอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 254759
Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3246962-1

Page 6 of 10

Sample Number	254759-3					
Sampled Date	Mar 05, 2025 2:30 PM					
Sample Description	น้ำผิวดิน					
Location	SW3 592439 1530716					
Date Analysis Commenced	Mar 05, 2025					
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	13	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok
Transparency *	m	-	-	0.90	Visual Method	Bangkok
Velocity *	m/s	-	-	0.80	Flow meter	Bangkok

Sampling By : Chawanthat Nakpanom

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025
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Analysis / Test Report



Client : TLT Consultants Co., Ltd.
151, Nuan Chan Road, Nuan Chan, Bueng Kum, Bangkok Thailand 10230
P/O :
Project Name : โครงการหน่วยผลิตโอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 254759
Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3246962-1

Page 7 of 10

Sample Number	254759-4					
Sampled Date	Mar 05, 2025 2:42 PM					
Sample Description	น้ำผิวดิน					
Location	SW4 592644 1530719					
Date Analysis Commenced	Mar 05, 2025					
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Microbiological Testing						
Fecal Coliform	MPN/100mL	-	-	220.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	1400.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	209	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok
Depth *	m	-	-	2.90	Water Level Meter	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	7.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C	-	-	-	7.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok
Salinity *	ppt	-	0.1	0.1	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2520 B	Bangkok
Temperature *	Degree C	-	-	31.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	94	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok

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Analysis / Test Report



Client : TLT Consultants Co., Ltd.
151, Nuan Chan Road, Nuan Chan, Bueng Kum, Bangkok Thailand 10230
P/O :
Project Name : โครงการหน่วยผลิตโอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 254759
Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3246962-1

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Sample Number	254759-4					
Sampled Date	Mar 05, 2025 2:42 PM					
Sample Description	น้ำผิวดิน					
Location	SW4 592644 1530719					
Date Analysis Commenced	Mar 05, 2025					
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	13	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok
Transparency *	m	-	-	0.80	Visual Method	Bangkok
Velocity *	m/s	-	-	0.70	Flow meter	Bangkok

Sampling By : Chawanthat Nakpanom

Remark :
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- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025
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Analysis / Test Report

Client : TLT Consultants Co., Ltd.
151, Nuan Chan Road, Nuan Chan, Bueng Kum, Bangkok Thailand 10230

P/O :
Project Name : โครงการหน่วยผลิตไอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 254759
Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3246962-1

Page 9 of 10

Sample Number	254759-5					
Sampled Date	Mar 05, 2025 3:00 PM					
Sample Description	น้ำผิวดิน					
Location	SW5 593670 1529869					
Date Analysis Commenced	Mar 05, 2025					
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Microbiological Testing						
Fecal Coliform	MPN/100mL	-	-	170.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	1700.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	210	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok
Depth *	m	-	-	2.20	Water Level Meter	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	7.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok
Salinity *	ppt	-	0.1	0.1	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2520 B	Bangkok
Temperature *	Degree C	-	-	32.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	96	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok

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Analysis / Test Report

Client : TLT Consultants Co., Ltd.
151, Nuan Chan Road, Nuan Chan, Bueng Kum, Bangkok Thailand 10230

P/O :
Project Name : โครงการหน่วยผลิตไอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 254759
Date Received : Mar 05, 2025
Date Reported : Mar 12, 2025
Report Number : 3246962-1

Page 10 of 10

Sample Number	254759-5					
Sampled Date	Mar 05, 2025 3:00 PM					
Sample Description	น้ำผิวดิน					
Location	SW5 593670 1529869					
Date Analysis Commenced	Mar 05, 2025					
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	13	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok
Transparency *	m	-	-	0.65	Visual Method	Bangkok
Velocity *	m/s	-	-	0.70	Flow meter	Bangkok

Sampling By : Chawanthat Nakpanom

Remark :
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Scientist (3)



TESTING
No.0009

Analysis / Test Report

Client : TLT Consultants Co., Ltd.
151, Nuan Chan Road, Nuan Chan, Bueng Kum, Bangkok Thailand 10230
P/O : 20-PO-68030001
Project Name : โครงการหน่วยผลิตไอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 2549589

Date Received : Jun 04, 2025

Date Reported : Jun 11, 2025

Report Number : 3316082-1

Page 1 of 10

Sample Number	2549589-1
Sampled Date	Jun 04, 2025 10:15 AM
Sample Description	น้ำผิวดิน
Location	SW1 591723 1530753
Date Analysis Commenced	Jun 05, 2025
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Microbiological Testing						
Fecal Coliform	MPN/100mL	-	-	240.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	490.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing						
BOD (5 days at 20 degree C) *	mg/L	-	2.0	<2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	216	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok
Depth *	m	-	-	3.40	Water Level Meter	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	7.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok
Salinity *	ppt	-	0.1	0.1	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2520 B	Bangkok
Temperature *	Degree C	-	-	31.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	116	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok

Approved by

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Suwannee Chuamkeaw
Section Head

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TESTING
No.0009

Analysis / Test Report

Client : TLT Consultants Co., Ltd.
151, Nuan Chan Road, Nuan Chan, Bueng Kum, Bangkok Thailand 10230
P/O : 20-PO-68030001
Project Name : โครงการหน่วยผลิตไอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 2549589

Date Received : Jun 04, 2025

Date Reported : Jun 11, 2025

Report Number : 3316082-1

Page 2 of 10

Sample Number	2549589-1
Sampled Date	Jun 04, 2025 10:15 AM
Sample Description	น้ำผิวดิน
Location	SW1 591723 1530753
Date Analysis Commenced	Jun 05, 2025
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	29	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok
Transparency *	m	-	-	0.60	Visual Method	Bangkok
Velocity *	m/s	-	-	0.80		Bangkok

Sampling By : Chawanthat Nakpanom

Remark :

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- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
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Suwannee Chuankeaw
Section Head

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TESTING
No.0009

Analysis / Test Report

Client : TLT Consultants Co., Ltd.
151, Nuan Chan Road, Nuan Chan, Bueng Kum, Bangkok Thailand 10230
P/O : 20-PO-68030001
Project Name : โครงการหน่วยผลิตไอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 2549589

Date Received : Jun 04, 2025

Date Reported : Jun 11, 2025

Report Number : 3316082-1

Page 3 of 10

Sample Number	2549589-2
Sampled Date	Jun 04, 2025 10:35 AM
Sample Description	น้ำผิวดิน
Location	SW2 592034 1530729
Date Analysis Commenced	Jun 05, 2025
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Microbiological Testing						
Fecal Coliform	MPN/100mL	-	-	3300.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	4900.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing						
BOD (5 days at 20 degree C) *	mg/L	-	2.0	<2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	213	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok
Depth *	m	-	-	2.90	Water Level Meter	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	7.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	8.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok
Salinity *	ppt	-	0.1	0.1	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2520 B	Bangkok
Temperature *	Degree C	-	-	32.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	107	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok

Approved by



Suwannee Chuamkeaw
Section Head

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TESTING
No.0009

Analysis / Test Report

Client : TLT Consultants Co., Ltd.
151, Nuan Chan Road, Nuan Chan, Bueng Kum, Bangkok Thailand 10230
P/O : 20-PO-68030001
Project Name : โครงการหน่วยผลิตไอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 2549589

Date Received : Jun 04, 2025

Date Reported : Jun 11, 2025

Report Number : 3316082-1

Page 4 of 10

Sample Number	2549589-2
Sampled Date	Jun 04, 2025 10:35 AM
Sample Description	น้ำผิวดิน
Location	SW2 592034 1530729
Date Analysis Commenced	Jun 05, 2025
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	27	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok
Transparency *	m	-	-	0.60	Visual Method	Bangkok
Velocity *	m/s	-	-	0.80		Bangkok

Sampling By : Chawanthat Nakpanom

Remark :

- LOD : Limit of Detection
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- Sampling is not included in scope of accreditation ISO/IEC 17025

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TESTING
No.0009

Analysis / Test Report

Client : TLT Consultants Co., Ltd.
151, Nuan Chan Road, Nuan Chan, Bueng Kum, Bangkok Thailand 10230
P/O : 20-PO-68030001
Project Name : โครงการหน่วยผลิตไอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 2549589

Date Received : Jun 04, 2025

Date Reported : Jun 11, 2025

Report Number : 3316082-1

Page 5 of 10

Sample Number	2549589-3
Sampled Date	Jun 04, 2025 10:50 AM
Sample Description	น้ำผิวดิน
Location	SW3 592439 1530716
Date Analysis Commenced	Jun 05, 2025
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Microbiological Testing						
Fecal Coliform	MPN/100mL	-	-	790.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	1300.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing						
BOD (5 days at 20 degree C) *	mg/L	-	2.0	<2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	213	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok
Depth *	m	-	-	2.10	Water Level Meter	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	7.4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	8.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok
Salinity *	ppt	-	0.1	0.1	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2520 B	Bangkok
Temperature *	Degree C	-	-	32.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	121	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok

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TESTING
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Project Name : โครงการหน่วยผลิตไอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 2549589

Date Received : Jun 04, 2025

Date Reported : Jun 11, 2025

Report Number : 3316082-1

Page 6 of 10

Sample Number	2549589-3
Sampled Date	Jun 04, 2025 10:50 AM
Sample Description	น้ำผิวดิน
Location	SW3 592439 1530716
Date Analysis Commenced	Jun 05, 2025
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	27	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok
Transparency *	m	-	-	0.60	Visual Method	Bangkok
Velocity *	m/s	-	-	0.80		Bangkok

Sampling By : Chawanthat Nakpanom

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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TESTING
No.0009

Analysis / Test Report

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Project Name : โครงการหน่วยผลิตไอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 2549589

Date Received : Jun 04, 2025

Date Reported : Jun 11, 2025

Report Number : 3316082-1

Page 7 of 10

Sample Number	2549589-4
Sampled Date	Jun 04, 2025 11:00 AM
Sample Description	น้ำผิวดิน
Location	SW4 592644 1530719
Date Analysis Commenced	Jun 05, 2025
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Microbiological Testing						
Fecal Coliform	MPN/100mL	-	-	790.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	4900.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing						
BOD (5 days at 20 degree C) *	mg/L	-	2.0	<2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	213	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok
Depth *	m	-	-	2.90	Water Level Meter	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	8.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	8.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok
Salinity *	ppt	-	0.1	0.1	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2520 B	Bangkok
Temperature *	Degree C	-	-	32.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	114	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok

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Project Name : โครงการหน่วยผลิตไอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 2549589

Date Received : Jun 04, 2025
Date Reported : Jun 11, 2025
Report Number : 3316082-1

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Sample Number : 2549589-4
Sampled Date : Jun 04, 2025 11:00 AM
Sample Description : น้ำผิวดิน
Location : SW4 592644 1530719
Date Analysis Commenced : Jun 05, 2025
Condition of Sample : Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	27	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok
Transparency *	m	-	-	0.60	Visual Method	Bangkok
Velocity *	m/s	-	-	0.70		Bangkok

Sampling By : Chawanthat Nakpanom

Remark :

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Project Name : โครงการหน่วยผลิตไอน้ำและไฟฟ้า อำเภอบ้านโป่ง จังหวัดราชบุรี
Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 2549589

Date Received : Jun 04, 2025

Date Reported : Jun 11, 2025

Report Number : 3316082-1

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Sample Number	2549589-5
Sampled Date	Jun 04, 2025 11:30 AM
Sample Description	น้ำผิวดิน
Location	SW5 593670 1529869
Date Analysis Commenced	Jun 05, 2025
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Microbiological Testing						
Fecal Coliform	MPN/100mL	-	-	1300.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Bangkok
Total Coliform	MPN/100mL	-	-	2400.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing						
BOD (5 days at 20 degree C) *	mg/L	-	2.0	<2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	218	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok
Depth *	m	-	-	2.80	Water Level Meter	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	7.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	8.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok
Salinity *	ppt	-	0.1	0.1	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2520 B	Bangkok
Temperature *	Degree C	-	-	31.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	123	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok

Approved by

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Project Location : อำเภอบ้านโป่ง จังหวัดราชบุรี

Lot ID: 2549589

Date Received : Jun 04, 2025

Date Reported : Jun 11, 2025

Report Number : 3316082-1

Page 10 of 10

Sample Number	2549589-5					
Sampled Date	Jun 04, 2025 11:30 AM					
Sample Description	น้ำผิวดิน					
Location	SW5 593670 1529869					
Date Analysis Commenced	Jun 05, 2025					
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok
Transparency *	m	-	-	0.60	Visual Method	Bangkok
Velocity *	m/s	-	-	0.80		Bangkok

Sampling By : Chawanthat Nakpanom

Remark :

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รายงานผลการตรวจวัดคุณภาพน้ำทิ้งด้วยระบบ ตรวจวัดแบบต่อเนื่อง (Online Monitoring)



มกราคม 2568



บันทึกคุณภาพน้ำ Cooling Tower Basin Condition

Month.....January 2025.....

Date	TP Block			SK Block			Remark
	Conductivity (µS/cm)	pH	Temp. (°C)	Conductivity (µS/cm)	pH	Temp. (°C)	
	10PBN10CQ002	10PBN10CQ001	01PAB10CT001	20PBN10CQ002	20PBN10CQ001	02PAB10CT001	
1	2,205.89	7.98	25.03	2,042.18	8.73	25.03	
2	2,083.13	7.96	25.37	2,012.04	8.91	24.79	
3	2,055.96	7.88	26.18	2,010.38	8.51	25.54	
4	1,995.19	8.01	26.15	1,974.13	8.61	25.96	
5	2,002.14	8.05	26.09	2,015.08	8.20	24.87	
6	2,069.59	7.97	24.92	2,112.27	8.26	23.87	
7	2,191.22	7.92	24.72	2,123.40	8.28	24.75	
8	2,322.98	7.65	25.31	2,109.06	8.34	24.67	
9	2,209.41	8.02	26.42	2,035.72	8.30	25.43	
10	2,223.48	8.09	26.70	2,039.00	8.11	26.97	
11	2,249.84	8.03	26.61	2,199.94	8.21	26.37	
12	2,307.99	8.09	24.86	2,055.00	8.17	24.61	
13	2,184.38	8.32	22.71	2,102.00	8.11	22.59	
14	2,098.36	8.06	22.85	2,185.31	8.08	23.44	
15	2,094.94	8.09	23.47	2,155.21	8.08	23.94	
16	2,025.38	7.82	24.47	2,185.25	8.12	24.86	
17	2,041.04	7.51	25.50	2,128.41	8.13	26.21	
18	2,013.39	7.52	25.53	2,010.40	8.17	25.07	
19	2,205.65	7.51	24.92	2,068.43	8.25	24.67	
20	2,028.63	8.00	24.92	2,011.21	8.25	24.34	
21	2,078.97	7.71	25.45	2,114.57	8.23	25.16	
22	2,204.77	7.43	25.70	2,210.36	8.09	25.20	
23	2,208.34	7.36	25.71	2,172.82	8.17	25.52	
24	2,206.99	7.37	25.61	1,837.99	8.84	25.72	
25	2,190.47	7.51	25.96	1,588.75	8.60	25.82	
26	2,243.02	7.54	26.95	1,778.86	8.22	26.03	
27	2,236.62	7.44	27.35	1,943.39	8.25	26.39	
28	2,182.62	7.33	26.79	2,114.04	8.18	25.92	
29	2,189.14	7.64	25.73	2,273.64	8.24	23.86	
30	2,177.15	7.65	25.89	2,272.37	8.21	24.19	
31	2,304.76	7.45	25.83	2,278.20	8.19	25.75	
Average	2,155.86	7.77	25.54	2,069.66	8.29	25.08	

Record by

Inspection by

Inspection Pit and Holding Pond 2 Water Condition Record

Month.....January 2025.....

Date	Inspection Pit				Holding Pond 2	Remark
	Conductivity	TDS	pH	Temperature	Flow Rate (m ³ /hr)	
	00GMB40CQ001	Cond. x 0.7	00GMB40CQ002	00GMB40CT001	00GNK40FM001	
	µS/cm	≤ 3,000 ppm	5.5 -9.0	≤ 31 °C		
1	1,758.71	1,231.10	6.98	25.75	29.63	
2	1,673.06	1,171.13	7.20	25.49	31.54	
3	1,849.19	1,294.43	7.23	25.49	38.13	
4	1,891.09	1,183.77	7.20	25.46	32.71	
5	1,592.62	1,114.84	7.15	25.53	23.67	
6	1,796.39	1,257.48	7.19	25.27	16.25	
7	1,787.33	1,251.13	7.15	24.75	25.83	
8	1,736.63	1,215.64	6.89	24.80	35.42	
9	1,747.14	1,223.00	6.66	25.27	32.38	
10	1,797.12	1,257.96	6.83	25.71	23.67	
11	1,737.86	1,216.50	6.82	26.00	27.13	
12	1,758.29	1,230.80	6.54	25.60	40.33	
13	1,829.74	1,280.82	6.91	23.90	31.17	
14	1,717.01	1,201.91	7.06	22.91	36.54	
15	1,615.37	1,130.76	6.80	22.84	34.96	
16	1,639.32	1,147.53	6.60	23.50	41.25	
17	1,694.51	1,186.16	6.55	24.43	39.54	
18	1,670.40	1,169.28	6.54	24.74	18.88	
19	1,820.78	1,274.54	6.55	24.58	41.88	
20	1,695.33	1,186.73	6.96	24.44	26.92	
21	1,930.16	1,351.11	7.07	24.54	26.54	
22	1,851.23	1,295.86	7.50	24.65	21.54	
23	1,766.60	1,236.62	7.94	25.02	41.75	
24	1,700.07	1,190.06	7.74	25.14	41.88	
25	1,604.30	1,123.01	8.18	25.25	32.29	
26	1,683.34	1,178.34	8.10	25.46	24.75	
27	1,892.98	1,325.09	8.18	26.16	7.08	
28	1,810.99	1,267.69	8.18	26.37	36.75	
29	1,855.26	1,298.68	7.82	25.64	28.75	
30	1,868.09	1,307.66	7.87	25.00	21.75	
31	1,798.15	1,258.71	7.76	24.97	16.58	
Average	1,753.84	1,227.69	7.23	24.99	29.92	

Record by

(น.ส. ทาภาภรณ์ เทสพันธ์)

Inspection by

(นายอนุพงศ์ เทียรจัด)

กุมภาพันธ์ 2568



บันทึกคุณภาพน้ำ Cooling Tower Basin Condition

Month.....February 2025.....

Date	TP Block			SK Block			Remark
	Conductivity (µS/cm)	pH	Temp. (°C)	Conductivity (µS/cm)	pH	Temp. (°C)	
	10PBN10CQ002	10PBN10CQ001	01PAB10CT001	20PBN10CQ002	20PBN10CQ001	02PAB10CT001	
1	2,208.73	7.47	26.16	2,295.28	8.21	25.30	
2	2,242.45	7.64	26.64	2,410.98	8.20	25.84	
3	2,230.14	7.57	27.18	2,273.24	8.17	26.49	
4	2,214.28	7.60	28.35	2,317.50	8.10	27.94	
5	2,310.39	7.34	29.33	2,340.09	8.05	28.94	
6	2,209.24	7.40	28.45	2,300.06	8.09	27.96	
7	2,232.69	7.42	29.07	2,320.01	8.08	28.57	
8	2,219.84	7.33	28.75	2,309.18	8.05	28.85	
9	2,259.27	7.48	28.64	2,476.38	8.08	27.87	
10	2,235.78	7.74	26.31	2,331.88	8.24	25.38	
11	2,211.05	7.72	26.10	2,321.01	8.34	25.68	
12	2,248.25	7.59	27.07	2,315.50	8.37	25.60	
13	2,398.22	7.63	26.80	2,324.99	8.37	26.07	
14	2,259.28	7.64	27.69	2,457.76	8.39	27.33	
15	2,259.27	7.47	28.70	2,348.22	8.37	28.54	
16	2,270.99	7.71	27.76	2,363.12	8.39	27.20	
17	2,278.01	7.67	27.58	2,358.51	8.38	27.10	
18	2,261.93	7.44	29.32	2,332.97	8.34	29.61	
19	2,150.03	7.38	29.56	2,139.27	8.04	30.02	
20	1,939.76	7.69	29.75	1,954.72	8.17	29.78	
21	1,934.74	7.82	30.42	1,969.97	8.17	29.75	
22	1,943.55	7.77	29.91	1,997.83	8.14	29.74	
23	1,952.87	7.84	29.99	2,165.00	8.16	29.78	
24	1,964.39	7.86	29.88	1,979.48	8.16	29.45	
25	1,931.91	7.85	28.90	1,947.21	8.09	29.06	
26	1,926.43	7.87	27.69	1,929.58	8.08	27.63	
27	1,985.11	7.91	27.87	1,930.64	8.15	27.93	
28	1,948.27	7.97	28.86	1,957.42	8.32	28.87	
Average	2,150.96	7.64	28.31	2,220.28	8.20	27.93	

Record by

Inspection by

Inspection Pit and Holding Pond 2 Water Condition Record

Month.....February 2025.....

Date	Inspection Pit				Holding Pond 2	Remark
	Conductivity	TDS	pH	Temperature	Flow Rate (m ³ /hr)	
	00GMB40CQ001	Cond. x 0.7	00GMB40CQ002	00GMB40CT001	00GNK40FM001	
	µS/cm	≤ 3,000 ppm	5.5 -9.0	≤ 31 °C		
1	1,738.19	1,215.33	7.89	25.21	32.63	
2	1,943.81	1,360.67	7.82	25.39	31.71	
3	1,832.03	1,282.42	8.05	25.84	33.42	
4	2,029.05	1,420.34	7.97	26.52	24.04	
5	1,932.67	1,352.87	7.87	27.23	22.75	
6	1,818.46	1,272.92	7.92	27.33	33.58	
7	1,898.90	1,329.23	7.62	27.81	34.92	
8	1,905.20	1,333.64	7.62	28.14	21.00	
9	1,820.13	1,274.09	7.70	28.12	35.00	
10	1,960.35	1,372.25	7.82	27.08	26.88	
11	1,864.89	1,305.42	7.83	26.04	38.08	
12	1,763.40	1,234.38	7.55	26.10	25.00	
13	1,819.83	1,273.88	7.52	26.31	29.42	
14	1,867.65	1,307.36	7.67	26.62	37.75	
15	1,895.02	1,326.51	7.72	27.25	28.71	
16	1,972.52	1,380.77	7.71	27.63	32.25	
17	1,874.57	1,312.20	7.78	27.31	34.04	
18	2,041.70	1,429.19	7.80	27.97	30.54	
19	1,939.71	1,357.79	7.55	28.82	13.42	
20	1,813.57	1,269.50	7.55	29.13	25.58	
21	1,932.56	1,352.79	7.60	29.21	35.38	
22	1,845.29	1,291.70	7.66	29.07	13.50	
23	1,820.84	1,274.59	7.71	28.99	21.04	
24	1,929.68	1,350.78	7.69	29.17	30.38	
25	1,945.74	1,362.02	7.64	28.60	40.83	
26	1,844.59	1,291.21	7.61	27.54	15.58	
27	1,750.06	1,225.05	7.41	27.22	25.79	
28	1,788.42	1,251.89	7.46	27.95	16.04	
Average	1,878.10	1,314.67	7.71	27.49	28.19	

Record by

Inspection by

มีนาคม 2568



บันทึกคุณภาพน้ำ Cooling Tower Basin Condition

Month.....March 2025.....

Date	TP Block			SK Block			Remark
	Conductivity (µS/cm)	pH	Temp. (°C)	Conductivity (µS/cm)	pH	Temp. (°C)	
	10PBN10CQ002	10PBN10CQ001	01PAB10CT001	20PBN10CQ002	20PBN10CQ001	02PAB10CT001	
1	1,960.13	7.80	30.65	2,191.94	8.12	29.89	
2	1,944.96	7.78	30.45	2,227.53	8.13	29.44	
3	1,940.00	7.77	30.43	1,959.02	8.05	30.02	
4	2,039.50	7.78	30.34	1,951.04	8.04	30.16	
5	1,944.37	7.70	30.34	1,955.08	8.02	29.97	
6	1,961.94	7.77	31.05	1,966.15	7.99	30.70	
7	2,044.89	7.75	30.74	1,947.17	7.89	30.37	
8	1,935.19	7.78	29.59	2,053.45	7.96	28.31	
9	1,932.26	7.84	28.37	1,952.29	8.00	27.22	
10	1,970.06	7.79	29.32	1,972.75	8.04	28.95	
11	2,092.49	7.67	30.25	1,986.52	8.00	29.82	
12	1,949.85	7.48	30.52	1,959.74	7.97	30.30	
13	1,949.81	7.62	30.41	1,990.77	8.14	30.06	
14	1,943.57	7.70	30.44	2,007.69	8.20	30.58	
15	1,989.72	7.65	30.64	2,153.24	8.21	29.95	
16	1,951.11	7.63	30.74	2,006.72	8.18	29.75	
17	1,944.22	7.48	31.54	2,002.31	8.17	31.07	
18	2,041.95	7.62	31.16	2,002.18	8.16	30.85	
19	1,956.89	7.65	29.30	1,989.86	8.17	29.26	
20	1,949.99	7.82	26.79	1,959.60	8.15	26.73	
21	1,929.38	7.74	26.82	1,982.12	8.13	26.50	
22	1,944.72	7.71	27.39	2,086.54	8.30	26.25	
23	1,956.70	7.64	28.02	1,985.16	8.79	26.44	
24	1,975.01	7.51	28.94	1,990.88	8.87	28.61	
25	2,058.81	7.34	30.56	2,008.41	8.26	30.49	
26	1,895.80	7.50	30.97	1,998.72	8.10	30.42	
27	1,831.20	7.57	30.08	2,007.09	8.15	29.60	
28	1,822.85	7.65	29.01	1,963.86	8.10	28.61	
29	1,869.63	7.57	29.94	2,073.27	8.14	29.01	
30	1,839.54	7.75	30.88	2,001.34	8.11	29.95	
31	1,808.63	7.97	30.90	2,001.01	8.15	30.88	
Average	1,946.62	7.67	29.89	2,010.79	8.15	29.36	

Record by

Inspection by

Inspection Pit and Holding Pond 2 Water Condition Record

Month.....March 2025.....

Date	Inspection Pit				Holding Pond 2	Remark
	Conductivity	TDS	pH	Temperature	Flow Rate (m ³ /hr)	
	00GMB40CQ001	Cond. x 0.7	00GMB40CQ002	00GMB40CT001	00GNK40FM001	
	µS/cm	≤ 3,000 ppm	5.5 -9.0	≤ 31 °C		
1	1,816.21	1,271.35	7.78	28.97	22.58	
2	1,932.57	1,352.80	7.87	29.47	42.04	
3	1,947.23	1,363.06	7.92	29.69	18.67	
4	1,871.67	1,310.17	7.87	30.00	18.58	
5	1,883.76	1,318.63	7.66	30.14	29.46	
6	1,975.75	1,383.02	7.64	30.61	28.83	
7	1,863.41	1,304.39	7.52	30.57	24.21	
8	1,802.81	1,261.83	7.63	29.67	13.25	
9	1,939.93	1,357.95	7.78	28.60	36.83	
10	1,900.57	1,330.40	7.88	28.75	29.50	
11	1,797.02	1,257.91	7.64	29.52	20.67	
12	1,791.18	1,253.82	7.61	30.28	38.13	
13	1,881.58	1,317.11	8.04	30.32	16.63	
14	1,810.56	1,267.39	8.06	30.24	26.50	
15	1,828.45	1,279.91	7.41	30.41	27.96	
16	1,918.24	1,342.77	7.56	30.25	24.13	
17	2,013.73	1,409.61	7.68	30.51	34.00	
18	2,007.89	1,405.52	7.30	30.62	25.42	
19	1,822.82	1,275.98	7.31	30.30	31.92	
20	1,874.05	1,311.84	7.33	28.78	31.63	
21	1,919.38	1,343.56	7.26	27.37	30.83	
22	1,814.76	1,270.33	7.15	27.37	32.33	
23	1,994.32	1,396.02	7.36	27.55	28.88	
24	1,915.71	1,341.00	7.76	27.91	23.63	
25	1,933.54	1,353.48	7.94	29.42	24.88	
26	1,928.66	1,350.06	7.73	30.27	42.00	
27	1,790.01	1,253.01	7.54	30.82	30.67	
28	1,704.38	1,193.06	7.26	29.79	32.88	
29	1,722.09	1,205.46	7.14	29.22	28.96	
30	1,790.73	1,253.51	7.41	29.21	36.13	
31	1,922.34	1,345.64	7.38	29.39	32.13	
Average	1,874.88	1,312.26	7.60	29.55	28.11	

Record by

Inspection by

เมษายน 2568



บันทึกคุณภาพน้ำ Cooling Tower Basin Condition

Month.....April 2025.....

Date	TP Block			SK Block			Remark
	Conductivity (uS/cm)	pH	Temp. (°C)	Conductivity (uS/cm)	pH	Temp. (°C)	
	10PBN10CQ002	10PBN10CQ001	01PAB10CT001	20PBN10CQ002	20PBN10CQ001	02PAB10CT001	
1	1,808.59	7.97	30.90	2,001.00	8.15	30.88	
2	1,735.83	8.04	30.47	2,000.52	8.21	30.27	
3	1,843.96	8.11	30.17	2,013.26	8.20	30.40	
4	1,864.82	8.03	30.34	2,037.47	8.17	30.21	
5	1,798.32	7.88	30.58	2,004.85	8.15	29.85	
6	1,798.24	7.85	30.55	2,127.26	8.18	29.50	
7	1,798.39	7.71	30.04	2,012.82	8.21	29.18	
8	1,783.65	7.64	30.50	2,020.07	8.17	29.99	
9	1,801.10	8.07	30.94	2,021.32	8.17	30.79	
10	1,809.18	7.68	30.66	2,013.63	8.14	30.44	
11	1,701.87	7.62	29.97	2,150.57	8.11	29.63	
12	1,714.03	7.58	30.13	1,922.53	8.02	29.90	
13	1,716.55	7.75	30.23	1,927.13	7.98	29.55	
14	1,653.78	7.76	27.38	1,924.12	7.99	29.83	
15	1,853.63	2.43	27.98	1,802.36	7.94	30.44	
16	1,652.84	2.85	27.78	1,859.05	7.84	29.95	
17	1,242.76	7.70	29.24	1,908.14	7.68	29.11	
18	1,425.41	8.05	30.01	1,861.91	7.70	29.56	
19	1,615.84	8.13	30.61	1,931.81	7.66	29.86	
20	1,716.91	8.18	30.90	2,095.29	7.64	29.69	
21	1,715.54	8.21	30.76	1,947.26	7.67	29.63	
22	1,732.85	8.13	30.91	1,930.31	7.82	30.07	
23	1,842.47	8.13	30.41	1,930.17	7.84	30.19	
24	1,718.55	8.05	30.93	1,972.47	7.88	30.69	
25	1,724.68	8.00	30.90	2,004.96	8.01	30.54	
26	1,726.84	7.96	30.85	1,890.12	8.02	30.45	
27	1,733.51	7.90	31.23	1,896.71	7.99	30.53	
28	1,709.68	8.12	30.73	1,889.30	7.95	30.32	
29	1,696.76	8.07	30.58	1,896.96	7.99	30.56	
30	1,777.50	8.06	30.50	1,886.42	7.98	30.38	
Average	1,726.47	7.59	30.24	1,962.67	7.98	30.08	

Record by

Inspection by

Inspection Pit and Holding Pond 2 Water Condition Record

Month.....April 2025.....

Date	Inspection Pit				Holding Pond 2	Remark
	Conductivity	TDS	pH	Temperature	Flow Rate (m ³ /hr)	
	00GMB40CQ001 µS/cm	Cond. x 0.7 ≤ 3,000 ppm	00GMB40CQ002 5.5 -9.0	00GMB40CT001 ≤ 31 °C	00GNK40FM001	
1	1,922.55	1,345.78	7.38	29.39	12.13	
2	1,969.16	1,378.41	7.38	29.41	39.46	
3	1,832.60	1,282.82	7.41	29.32	22.13	
4	1,843.66	1,290.56	7.45	29.11	24.25	
5	1,914.99	1,340.49	7.48	29.26	26.88	
6	1,822.67	1,275.87	7.38	29.31	34.04	
7	1,949.97	1,364.98	7.47	29.40	29.13	
8	1,888.69	1,322.08	7.49	29.13	22.71	
9	1,928.97	1,350.28	7.56	29.36	29.38	
10	1,971.65	1,380.15	7.41	29.68	27.50	
11	1,811.26	1,267.88	7.40	29.37	35.75	
12	1,824.22	1,276.96	7.38	29.29	35.33	
13	1,859.74	1,301.82	7.38	29.23	16.00	
14	1,753.64	1,227.55	7.45	29.71	27.67	
15	1,730.68	1,211.48	7.06	29.93	14.08	
16	1,692.03	1,184.42	6.41	29.33	16.83	
17	1,663.98	1,164.78	6.53	28.85	12.75	
18	1,830.84	1,281.59	6.93	29.06	0.00	
19	1,715.30	1,200.71	7.06	29.17	33.46	
20	1,746.14	1,222.30	7.18	29.39	42.00	
21	1,801.14	1,260.79	7.33	29.82	36.96	
22	1,741.21	1,218.84	7.45	29.76	26.38	
23	1,916.79	1,341.75	7.49	29.89	35.08	
24	1,781.46	1,247.02	7.43	30.13	33.83	
25	1,915.85	1,341.09	7.45	30.33	29.83	
26	2,003.00	1,402.10	7.60	30.27	24.96	
27	1,814.33	1,270.03	7.68	30.24	22.38	
28	1,901.78	1,331.25	7.54	30.04	28.96	
29	1,806.01	1,264.21	7.54	29.92	24.04	
30	1,807.61	1,265.33	7.31	29.82	22.29	
Average	1,838.73	1,287.11	7.33	29.57	26.21	

Record by

Inspection by

พฤษภาคม 2568



บันทึกคุณภาพน้ำ Cooling Tower Basin Condition

Month.....May 2025.....

Date	TP Block			SK Block			Remark
	Conductivity (µS/cm)	pH	Temp. (°C)	Conductivity (µS/cm)	pH	Temp. (°C)	
	10PBN10CQ002	10PBN10CQ001	01PAB10CT001	20PBN10CQ002	20PBN10CQ001	02PAB10CT001	
1	1,722.16	8.08	30.84	1,855.66	7.93	30.51	
2	1,727.92	8.08	30.29	1,959.02	7.95	29.35	
3	1,730.08	7.94	30.50	1,894.68	7.99	30.11	
4	1,710.83	7.93	30.47	1,888.93	7.98	29.61	
5	1,721.19	7.89	30.44	1,891.11	7.95	29.36	
6	1,726.46	8.02	30.88	1,911.98	7.97	30.11	
7	1,844.05	7.89	30.04	1,903.61	7.95	30.37	
8	1,745.24	7.85	30.83	1,917.79	7.90	30.34	
9	1,720.73	7.82	30.99	2,014.88	7.93	30.35	
10	1,730.31	7.84	30.91	1,902.45	7.95	30.20	
11	1,732.27	7.86	30.99	1,888.92	7.89	30.31	
12	1,710.87	8.03	30.61	1,882.69	7.71	29.68	
13	1,716.22	7.96	30.09	1,864.78	7.56	28.90	
14	1,712.88	7.97	30.88	1,881.72	7.58	30.19	
15	1,735.60	8.01	30.10	1,901.27	7.58	30.04	
16	1,870.57	8.05	30.05	1,894.02	7.61	30.20	
17	1,718.22	8.06	30.18	1,900.44	7.57	30.18	
18	1,706.45	8.09	30.05	1,953.00	7.61	30.81	
19	1,627.93	8.13	30.99	1,903.47	7.66	30.15	
20	1,797.29	7.96	30.08	1,920.40	7.63	30.19	
21	1,998.89	7.86	30.21	1,919.22	7.74	30.92	
22	1,838.04	7.71	30.45	1,934.62	7.66	30.44	
23	1,846.57	7.65	30.99	2,001.40	7.70	30.58	
24	1,840.39	7.45	30.11	1,896.95	7.65	30.82	
25	1,818.91	7.66	30.24	1,861.25	7.64	30.32	
26	1,825.76	7.61	30.80	1,885.09	7.59	30.85	
27	1,793.38	7.33	30.76	1,878.11	7.55	30.74	
28	1,830.58	8.32	30.63	1,880.54	7.58	30.67	
29	1,853.58	8.94	30.81	1,869.70	7.56	30.81	
30	1,837.26	8.88	30.51	1,872.34	7.53	30.57	
31	1,846.51	8.93	30.06	1,893.38	7.52	30.11	
Average	1,778.62	7.99	30.51	1,906.92	7.73	30.25	

Record by

Inspection by

Inspection Pit and Holding Pond 2 Water Condition Record

Month.....May 2025.....

Date	Inspection Pit				Holding Pond 2	Remark
	Conductivity	TDS	pH	Temperature	Flow Rate (m ³ /hr)	
	00GMB40CQ001	Cond. x 0.7	00GMB40CQ002	00GMB40CT001	00GNK40FM001	
	µS/cm	≤ 3,000 ppm	5.5 -9.0	≤ 31 °C		
1	1,867.18	1,307.03	7.53	29.93	27.54	
2	1,969.97	1,378.98	7.63	29.89	31.00	
3	1,801.80	1,261.26	7.53	29.81	36.25	
4	2,002.79	1,401.95	7.28	29.83	36.21	
5	1,959.97	1,371.98	7.49	29.58	28.33	
6	1,923.67	1,346.57	7.59	29.67	21.00	
7	2,015.32	1,410.72	7.54	29.69	30.54	
8	1,839.72	1,287.80	7.55	29.87	10.33	
9	1,921.25	1,344.87	7.34	30.08	40.96	
10	1,813.61	1,269.53	7.27	30.15	34.08	
11	1,875.43	1,312.80	7.49	30.29	33.25	
12	1,774.82	1,242.37	7.38	29.98	29.29	
13	1,883.53	1,318.47	7.38	29.82	27.50	
14	1,751.02	1,225.72	7.38	29.36	29.75	
15	1,891.48	1,324.03	7.45	29.54	31.83	
16	1,814.59	1,276.21	7.13	29.62	27.00	
17	1,833.54	1,283.48	7.07	29.89	31.00	
18	1,768.10	1,237.67	7.28	29.92	27.08	
19	1,926.21	1,348.35	7.34	30.05	19.25	
20	1,898.58	1,329.00	7.64	30.10	22.04	
21	2,031.07	1,421.75	8.05	30.42	36.29	
22	1,881.23	1,316.86	7.71	30.90	17.58	
23	1,762.85	1,234.00	7.80	30.97	27.63	
24	1,682.78	1,177.95	7.84	30.86	35.13	
25	1,608.90	1,126.23	7.50	30.12	18.63	
26	1,805.18	1,123.63	7.66	30.11	25.13	
27	1,879.01	1,175.31	7.74	30.66	24.25	
28	1,648.38	1,153.86	7.80	30.24	26.83	
29	1,687.75	1,181.43	7.89	30.62	21.04	
30	1,706.94	1,194.86	8.02	30.95	28.58	
31	1,651.04	1,155.73	7.89	30.96	19.92	
Average	1,821.86	1,275.30	7.55	30.12	28.06	

Record by

Inspection by

มิถุนายน 2568



บันทึกคุณภาพน้ำ Cooling Tower Basin Condition

Month.....June 2025.....

Date	TP Block			SK Block			Remark
	Conductivity $\mu S/cm$	pH	Temp. ($^{\circ}C$)	Conductivity $\mu S/cm$	pH	Temp. ($^{\circ}C$)	
	10PBN10CQ002	10PBN10CQ001	01PAB10CT001	20PBN10CQ002	20PBN10CQ001	02PAB10CT001	
1	1,830.98	8.64	30.98	1,916.00	7.44	30.94	
2	1,834.47	8.79	30.68	1,890.81	7.59	30.37	
3	1,850.66	8.97	30.11	1,877.43	7.60	29.89	
4	1,876.96	8.61	29.90	1,886.19	7.58	29.32	
5	1,868.98	8.57	30.63	1,912.40	7.62	30.09	
6	1,762.39	8.55	30.58	2,037.47	7.68	29.86	
7	1,785.84	8.23	30.83	1,908.03	7.74	30.22	
8	1,765.04	8.12	30.51	1,890.99	7.79	29.65	
9	1,752.29	8.18	30.51	1,901.49	7.90	29.77	
10	1,759.26	8.09	30.39	1,923.84	8.01	30.38	
11	1,745.84	8.36	30.72	1,997.94	7.99	30.22	
12	1,737.87	8.18	30.03	1,932.34	7.98	29.68	
13	1,675.18	8.09	29.94	1,908.45	7.97	29.67	
14	1,739.80	8.26	30.14	1,891.30	7.93	29.61	
15	1,744.42	8.47	30.29	1,987.88	7.94	29.48	
16	1,745.25	8.11	30.14	1,918.23	8.03	29.40	
17	1,691.62	8.07	30.36	1,922.36	8.05	30.00	
18	1,763.84	7.93	30.54	1,929.66	8.06	30.12	
19	1,765.29	8.02	30.20	1,914.91	8.06	30.35	
20	1,791.36	7.83	30.64	1,924.61	8.06	30.07	
21	1,765.93	7.63	30.40	1,912.25	8.05	29.66	
22	1,749.78	7.90	30.63	1,964.35	7.97	29.46	
23	1,739.18	6.22	30.47	1,904.99	8.01	28.72	
24	1,744.30	8.46	30.42	1,916.48	8.03	29.03	
25	1,790.45	8.42	30.55	1,923.99	8.06	29.93	
26	1,814.47	8.42	30.91	1,919.99	8.07	31.34	
27	1,706.02	8.15	30.23	1,982.06	8.06	30.05	
28	1,792.20	7.61	30.12	1,856.54	8.09	29.72	
29	1,782.93	7.54	30.02	1,852.15	8.07	29.00	
30	1,761.90	7.92	29.76	1,848.21	8.05	28.48	
Average	1,770.82	8.22	30.39	1,918.05	7.92	29.82	

Record by

Inspection by

Inspection Pit and Holding Pond 2 Water Condition Record

Month.....June 2025.....

Date	Inspection Pit				Holding Pond 2	Remark
	Conductivity	TDS	pH	Temperature	Flow Rate (m ³ /hr)	
	00GMB40CQ001	Cond. x 0.7	00GMB40CQ002	00GMB40CT001	00GNK40FM001	
	µS/cm	≤ 3,000 ppm	5.5 -9.0	≤ 31 °C		
1	1,630.72	1,141.50	7.88	30.81	20.67	
2	1,853.23	1,297.26	7.86	30.57	29.75	
3	1,880.28	1,316.19	8.04	30.22	26.33	
4	2,032.52	1,422.76	8.08	30.04	34.33	
5	2,076.84	1,453.79	8.19	30.00	35.04	
6	1,925.02	1,347.52	8.34	30.21	23.79	
7	1,788.16	1,251.71	7.89	30.37	39.46	
8	1,884.85	1,319.40	7.83	30.48	20.58	
9	1,775.06	1,242.54	7.91	30.41	42.08	
10	1,803.55	1,262.49	8.02	30.38	19.21	
11	1,812.01	1,268.41	7.48	30.64	37.00	
12	1,689.81	1,182.86	7.57	30.15	34.17	
13	1,742.50	1,219.75	7.40	29.89	31.46	
14	1,762.14	1,233.50	7.53	29.51	35.67	
15	1,770.10	1,239.07	7.69	29.41	28.83	
16	1,791.17	1,253.82	7.83	29.40	28.08	
17	1,681.49	1,177.04	7.88	29.16	26.08	
18	1,770.96	1,239.67	7.39	29.56	31.21	
19	1,790.81	1,253.57	7.35	29.93	25.00	
20	1,705.04	1,193.53	7.56	29.88	34.55	
21	1,737.17	1,216.02	7.72	29.77	34.42	
22	1,790.78	1,253.55	7.65	29.94	23.21	
23	1,669.11	1,161.37	7.61	29.76	35.50	
24	1,740.18	1,218.13	7.62	29.56	34.17	
25	1,842.73	1,289.91	7.30	29.85	28.63	
26	1,707.10	1,194.97	7.33	30.30	33.58	
27	1,583.10	1,108.17	7.47	30.15	28.88	
28	1,669.39	1,168.57	7.48	29.75	27.50	
29	1,748.92	1,224.24	7.48	29.44	35.33	
30	1,628.82	1,140.17	7.55	28.93	35.33	
Average	1,775.78	1,243.06	7.70	29.95	30.66	

Record by

Inspection by

รายงานผลการตรวจวัด คุณภาพน้ำทิ้งด้วยวิธีเก็บแบบสุ่ม



มกราคม 2568





TESTING
No.0009

Analysis / Test Report

Client : Nalco Industrial Services (Thailand) Co., Ltd.
President Tower, 15 th Fl., No. 973, Ploenchit Road, Lumpini, Pathumwan, Bangkok
Thailand 10330

P/O :

Project Name : Banpong Utilities

Project Location :

Lot ID: 251626

Date Received : Jan 15, 2025

Date Reported : Jan 22, 2025

Report Number : 3219140-1

Page 1 of 2

Sample Number 251626-2
Sampled Date Jan 15, 2025 11:50 AM
Sample Description Wastewater
Location Holding Pond 2
Date Analysis Commenced Jan 16, 2025
Condition of Sample Contained in two BOD bottles, one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.004	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.11	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	3.4	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	35	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Color (at Original pH)	ADMI	-	5	11	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Bangkok
Color (at pH 7.0)	ADMI	-	5	10	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Bangkok
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok

Technical Management



Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Assistant General Manager

ทะเบียนเลขที่ ว-204-ค-0004

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Life Sciences

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TESTING
No.0009

Analysis / Test Report

Client : Nalco Industrial Services (Thailand) Co., Ltd.
President Tower, 15 th Fl., No. 973, Ploenchit Road, Lumpini, Pathumwan, Bangkok
Thailand 10330

P/O :

Project Name : Banpong Utilities

Project Location :

Lot ID: 251626

Date Received : Jan 15, 2025

Date Reported : Jan 22, 2025

Report Number : 3219140-1

Page 2 of 2

Sample Number	251626-2						
Sampled Date	Jan 15, 2025 11:50 AM						
Sample Description	Wastewater						
Location	Holding Pond 2						
Date Analysis Commenced	Jan 16, 2025						
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok
Temperature *	Degree C	-	-	24.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	1384	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	17	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Guideline : Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) : Wastewater from Power Plants (Natural Gas)

Sampling By : Nonthakorn Phurkphong ทะเบียนเลขที่ ว-204-จ-0120

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

[Redacted Signature]
Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Approved by

[Redacted Signature]
Nanthakorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

Client : Nalco Industrial Services (Thailand) Co., Ltd.
President Tower, 15 th Fl., No. 973, Ploenchit Road, Lumpini, Pathumwan, Bangkok
Thailand 10330

P/O :

Project Name : Banpong Utilities

Project Location :

Lot ID: 251626

Date Received : Jan 15, 2025

Date Reported : Jan 22, 2025

Report Number : 3219140-2

Page 1 of 1

Sample Number	251626-2
Sampled Date	Jan 15, 2025 11:50 AM
Sample Description	Wastewater
Location	Holding Pond 2
Date Analysis Commenced	Jan 16, 2025
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 25 degree C	micromhos/cm	-	0.5	2089	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok
Dissolved Oxygen	mg/L	-	0.1	7.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Bangkok

Guideline : Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) : Wastewater from Power Plants (Natural Gas)

Sampling By : Nonthakorn Phurkphong

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by



Section Head

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กุมภาพันธ์ 2568





TESTING
No.0009

Analysis / Test Report

Client : Nalco Industrial Services (Thailand) Co., Ltd.
President Tower, 15 th Fl., No. 973, Ploenchit Road, Lumpini, Pathumwan, Bangkok
Thailand 10330

P/O :

Project Name : Banpong Utilities

Project Location :

Lot ID: 259466

Date Received : Feb 10, 2025

Date Reported : Feb 18, 2025

Report Number : 3237792-1

Page 1 of 2

Sample Number	259466-2
Sampled Date	Feb 10, 2025 1:45 PM
Sample Description	Wastewater
Location	Holding Pond 2
Date Analysis Commenced	Feb 11, 2025
Condition of Sample	Contained in four plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.003	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.03	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	2.6	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	37	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Color (at Original pH)	ADMI	-	5	13	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Bangkok
Color (at pH 7.0)	ADMI	-	5	12	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Bangkok
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok

Technical Management



Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokkorn Anek
Assistant General Manager

ทะเบียนเลขที่ ว-204-ค-0004

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.



Analysis / Test Report

Client : Nalco Industrial Services (Thailand) Co., Ltd.

President Tower, 15 th Fl., No. 973, Ploenchit Road, Lumpini, Pathumwan, Bangkok
Thailand 10330

P/O :

Project Name : Banpong Utilities

Project Location :

Lot ID: 259466

Date Received : Feb 10, 2025

Date Reported : Feb 18, 2025

Report Number : 3237792-1

Page 2 of 2

Sample Number	259466-2						
Sampled Date	Feb 10, 2025 1:45 PM						
Sample Description	Wastewater						
Location	Holding Pond 2						
Date Analysis Commenced	Feb 11, 2025						
Condition of Sample	Contained in four plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok
Temperature *	Degree C	-	-	29.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	1648	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	10	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Guideline : Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) : Wastewater from Power Plants (Natural Gas)

Sampling By : Naruebet Permpoon ทะเบียนเลขที่ ว-204-จ-0071

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management



Sawitree Naisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-0007

Approved by



Kanokorn Anek
Assistant General Manager

ทะเบียนเลขที่ ว-204-ค-0004

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.



Analysis / Test Report

Client : Nalco Industrial Services (Thailand) Co., Ltd.
President Tower, 15 th Fl., No. 973, Ploenchit Road, Lumpini, Pathumwan, Bangkok
Thailand 10330

P/O :

Project Name : Banpong Utilities

Project Location :

Lot ID: 259466

Date Received : Feb 10, 2025

Date Reported : Feb 18, 2025

Report Number : 3237792-2

Page 1 of 1

Sample Number	259466-2						
Sampled Date	Feb 10, 2025 1:45 PM						
Sample Description	Wastewater						
Location	Holding Pond 2						
Date Analysis Commenced	Feb 11, 2025						
Condition of Sample	Contained in four plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 25 degree C	micromhos/cm	-	0.5	2420	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok
Dissolved Oxygen (on site)	mg/L	-	0.1	8.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Bangkok

Guideline : Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) : Wastewater from Power Plants (Natural Gas)

Sampling By : Naruebet Permpoon

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Siriluk Bunnak
Section Head

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company



มีนาคม 2568





TESTING
No.0009

Analysis / Test Report

Client : Nalco Industrial Services (Thailand) Co., Ltd.

President Tower, 15 th Fl., No. 973, Ploenchit Road, Lumpini, Pathumwan, Bangkok
Thailand 10330

P/O :

Project Name : Banpong Utilities

Project Location :

Lot ID: 2519766

Date Received : Mar 10, 2025

Date Reported : Mar 17, 2025

Report Number : 3259656-1

Page 1 of 2

Sample Number	2519766-2
Sampled Date	Mar 10, 2025 10:50 AM
Sample Description	Wastewater
Location	Holding Pond 2
Date Analysis Commenced	Mar 11, 2025
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.005	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.08	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	2.3	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	46	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Color (at Original pH)	ADMI	-	5	12	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Bangkok
Color (at pH 7.0)	ADMI	-	5	15	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	2403	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok
Dissolved Oxygen (on site) *	mg/L	-	0.1	7.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Bangkok

Approved by

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Manager

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TESTING
No.0009

Analysis / Test Report

Client : Nalco Industrial Services (Thailand) Co., Ltd.
President Tower, 15 th Fl., No. 973, Ploenchit Road, Lumpini, Pathumwan, Bangkok
Thailand 10330

P/O :

Project Name : Banpong Utilities

Project Location :

Lot ID: 2519766

Date Received : Mar 10, 2025

Date Reported : Mar 17, 2025

Report Number : 3259656-1

Page 2 of 2

Sample Number	2519766-2						
Sampled Date	Mar 10, 2025 10:50 AM						
Sample Description	Wastewater						
Location	Holding Pond 2						
Date Analysis Commenced	Mar 11, 2025						
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok
Temperature *	Degree C	-	-	30.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	1596	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	13	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Guideline : Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) : Wastewater from Power Plants (Natural Gas)

Sampling By : Norrasat Komal

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

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