

ภาคผนวก ง

ใบรับรองผลการตรวจวัดและวิเคราะห์

ใบรับรองผลการตรวจวัดคุณภาพอากาศในบรรยากาศ



บริษัท ซีคอต จำกัด

SECOT CO., LTD.

239 ถนนริมคลองประปา แขวงบางซื่อ เขตบางซื่อ กรุงเทพฯ 10800

239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND

TEL : (662) 959-3600 FAX : (662) 959-3535 website : secot.co.th E-mail : envserv@secot.co.th

AMBIENT AIR QUALITY ANALYSIS REPORT

CLIENT NAME : Posco Coated Steel (Thailand) Co.,Ltd. REFERENCE NO. : 225012-Amb-2508-0018

SAMPLING BY : SECOT Co., Ltd. SAMPLING DATE : 14-21/08/2025

RECEIVED DATE : 27/08/2025 ANALYTICAL DATE : 01-02/09/2025

REPORT DATE : 03/09/2025 SAMPLE CONDITION : Normal

SITE OPERATOR : Mr. Sittichai Sawangwongchai

LOCATION DESCRIPTION : 1. Map Yang Porn Sub-district Health Promoting Hospital

2. Wat Ratatsadaram

3. Suankularb Wittayalai Chonburi School

PARAMETER	SAMPLING DATE	UNIT	RESULTS			STANDARD*	REFERENCE METHOD
			1	2	3		
TSP (24 hr)	14-15/08/2025	mg/m ³	0.024	0.041	0.037	0.330	40 CFR 50 App B
	15-16/08/2025	mg/m ³	0.026	0.044	0.044		
	16-17/08/2025	mg/m ³	0.028	0.042	0.026		
	17-18/08/2025	mg/m ³	0.044	0.056	0.035		
	18-19/08/2025	mg/m ³	0.039	0.048	0.033		
	19-20/08/2025	mg/m ³	0.033	0.062	0.030		
	20-21/08/2025	mg/m ³	0.062	0.086	0.031		

Boonpa Puthum

(Miss Pornnapa Budthum)

Analyst

Manee Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. * Notification of the National Environment Board, No.24, B.E.2547 (2004).

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Ambient Air Monitoring Results : Nitrogen dioxide

MTR-POSCO

Location : Mab Yang Porn Sub-District Health Promoting Hospital Monitor Period : 14-21 Aug 2025

Analyzer Model : API 200A Station No : SECOT-019

Serial No : 1505 Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Teledyne 700E Serial No : 587

Calibration Gas Cylinder I.D.: EB0102326

Certified Date : 08 Jan 2025 Cal Concentration (ppb) : 0,100,200,400

Expire Date : 07 Jan 2026

Time	NO2 Concentration (ppm)						
	14-15 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
15:00 - 16:00	0.0094	0.0116	0.0104	0.0106	0.0125	0.0132	0.0116
16:00 - 17:00	0.0129	0.0127	0.0130	0.0119	0.0123	0.0132	0.0111
17:00 - 18:00	0.0138	0.0114	0.0113	0.0114	0.0138	0.0132	0.0115
18:00 - 19:00	0.0111	0.0105	0.0140	0.0116	0.0114	0.0130	0.0132
19:00 - 20:00	0.0103	0.0137	0.0103	0.0119	0.0122	0.0105	0.0112
20:00 - 21:00	0.0121	0.0100	0.0101	0.0118	0.0102	0.0104	0.0119
21:00 - 22:00	0.0112	0.0136	0.0106	0.0111	0.0104	0.0109	0.0139
22:00 - 23:00	0.0098	0.0108	0.0132	0.0109	0.0122	0.0141	0.0114
23:00 - 00:00	0.0131	0.0121	0.0138	0.0111	0.0141	0.0123	0.0134
00:00 - 01:00	0.0124	0.0135	0.0133	0.0117	0.0135	0.0128	0.0109
01:00 - 02:00	0.0131	0.0121	0.0135	0.0111	0.0137	0.0136	0.0112
02:00 - 03:00	0.0104	0.0131	0.0125	0.0126	0.0128	0.0130	0.0143
03:00 - 04:00	0.0133	0.0132	0.0128	0.0122	0.0133	0.0116	0.0109
04:00 - 05:00	0.0133	0.0130	0.0122	0.0114	0.0141	0.0119	0.0115
05:00 - 06:00	0.0110	0.0118	0.0117	0.0132	0.0106	0.0140	0.0116
06:00 - 07:00	0.0136	0.0078	0.0128	0.0063	0.0130	0.0121	0.0111
07:00 - 08:00	0.0101	0.0088	0.0065	0.0079	0.0093	0.0102	0.0135
08:00 - 09:00	0.0075	0.0118	0.0098	0.0098	0.0098	0.0085	0.0069
09:00 - 10:00	0.0134	0.0102	0.0101	0.0062	0.0065	0.0103	0.0077
10:00 - 11:00	0.0107	0.0113	0.0092	0.0094	0.0081	0.0132	0.0105
11:00 - 12:00	0.0133	0.0124	0.0119	0.0123	0.0131	0.0136	0.0110
12:00 - 13:00	0.0131	0.0123	0.0121	0.0106	0.0140	0.0136	0.0116
13:00 - 14:00	0.0127	0.0107	0.0127	0.0125	0.0141	0.0106	0.0113
14:00 - 15:00	0.0119	0.0134	0.0111	0.0125	0.0127	0.0114	0.0129
Average-24Hr*	0.0118	0.0117	0.0116	0.0109	0.0120	0.0121	0.0115
Max-1Hr	0.0138	0.0137	0.0140	0.0132	0.0141	0.0141	0.0143
Min-1Hr	0.0075	0.0078	0.0065	0.0062	0.0065	0.0085	0.0069
Standard-1Hr	0.17 ppm(320 ug/cu.m)						
Standard-24Hr	-						

Remark : * Average time between 15:00-15:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Nitrogen dioxide MTR-POSCO

Location : Wat Ratasadaram Monitor Period : 14-21 Aug 2025
Analyzer Model : API 200A Station No : SCT-15
Serial No : 2386 Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Teledyne 700E Serial No : 587
Calibration Gas Cylinder I.D.: EB0102326
Certified Date : 08 Jan 2025 Cal Concentration (ppb) : 0,100,200,400
Expire Date : 07 Jan 2026

Time	NO2 Concentration (ppm)						
	14-15 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
15:00 - 16:00	0.0116	0.0047	0.0063	0.0081	0.0089	0.0048	0.0121
16:00 - 17:00	0.0038	0.0151	0.0059	0.0077	0.0082	0.0049	0.0114
17:00 - 18:00	0.0046	0.0098	0.0062	0.0075	0.0065	0.0043	0.0091
18:00 - 19:00	0.0037	0.0085	0.0068	0.0070	0.0071	0.0050	0.0116
19:00 - 20:00	0.0056	0.0098	0.0074	0.0080	0.0076	0.0060	0.0174
20:00 - 21:00	0.0032	0.0110	0.0098	0.0084	0.0097	0.0066	0.0181
21:00 - 22:00	0.0061	0.0146	0.0097	0.0099	0.0089	0.0061	0.0215
22:00 - 23:00	0.0083	0.0173	0.0098	0.0111	0.0075	0.0056	0.0177
23:00 - 00:00	0.0104	0.0150	0.0085	0.0170	0.0066	0.0058	0.0115
00:00 - 01:00	0.0185	0.0118	0.0079	0.0111	0.0067	0.0046	0.0077
01:00 - 02:00	0.0152	0.0062	0.0070	0.0098	0.0052	0.0048	0.0112
02:00 - 03:00	0.0135	0.0113	0.0069	0.0099	0.0056	0.0037	0.0085
03:00 - 04:00	0.0132	0.0091	0.0059	0.0095	0.0061	0.0048	0.0060
04:00 - 05:00	0.0120	0.0149	0.0066	0.0075	0.0055	0.0046	0.0056
05:00 - 06:00	0.0110	0.0109	0.0074	0.0077	0.0048	0.0050	0.0056
06:00 - 07:00	0.0112	0.0076	0.0079	0.0077	0.0049	0.0057	0.0062
07:00 - 08:00	0.0112	0.0077	0.0106	0.0095	0.0064	0.0065	0.0073
08:00 - 09:00	0.0128	0.0161	0.0161	0.0148	0.0119	0.0092	0.0107
09:00 - 10:00	0.0157	0.0046	0.0188	0.0183	0.0221	0.0124	0.0115
10:00 - 11:00	0.0144	0.0069	0.0115	0.0187	0.0178	0.0096	0.0097
11:00 - 12:00	0.0143	0.0164	0.0085	0.0215	0.0099	0.0083	0.0082
12:00 - 13:00	0.0148	0.0097	0.0090	0.0213	0.0100	0.0086	0.0069
13:00 - 14:00	0.0151	0.0090	0.0148	0.0128	0.0057	0.0097	0.0073
14:00 - 15:00	0.0061	0.0081	0.0146	0.0115	0.0052	0.0089	0.0077
Average-24Hr*	0.0107	0.0107	0.0093	0.0115	0.0083	0.0065	0.0104
Max-1Hr	0.0185	0.0173	0.0188	0.0215	0.0221	0.0124	0.0215
Min-1Hr	0.0032	0.0046	0.0059	0.0070	0.0048	0.0037	0.0056
Standard-1Hr	0.17 ppm(320 ug/cu.m)						
Standard-24Hr	-						

Remark : * Average time between 15:00-15:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Nitrogen dioxide MTR-POSCO

Location : Suangulhab School Monitor Period : 14-21 Aug 2025
Analyzer Model : API 200A Station No : SCT-14
Serial No : 2385 Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Teledyne 700E Serial No : 587
Calibration Gas Cylinder I.D.: EB0102326
Certified Date : 08 Jan 2025 Cal Concentration (ppb) : 0,100,200,400
Expire Date : 07 Jan 2026

Time	NO2 Concentration (ppm)						
	14-15 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
15:00 - 16:00	0.0131	0.0144	0.0116	0.0126	0.0104	0.0139	0.0127
16:00 - 17:00	0.0125	0.0112	0.0139	0.0070	0.0136	0.0139	0.0126
17:00 - 18:00	0.0135	0.0110	0.0126	0.0091	0.0109	0.0141	0.0099
18:00 - 19:00	0.0085	0.0109	0.0113	0.0079	0.0138	0.0168	0.0126
19:00 - 20:00	0.0079	0.0096	0.0129	0.0097	0.0110	0.0113	0.0132
20:00 - 21:00	0.0101	0.0096	0.0131	0.0117	0.0110	0.0108	0.0099
21:00 - 22:00	0.0077	0.0076	0.0121	0.0131	0.0111	0.0115	0.0128
22:00 - 23:00	0.0116	0.0068	0.0131	0.0141	0.0137	0.0138	0.0129
23:00 - 00:00	0.0105	0.0073	0.0131	0.0117	0.0105	0.0099	0.0101
00:00 - 01:00	0.0103	0.0070	0.0105	0.0065	0.0122	0.0111	0.0064
01:00 - 02:00	0.0070	0.0070	0.0093	0.0067	0.0114	0.0070	0.0097
02:00 - 03:00	0.0090	0.0071	0.0096	0.0099	0.0094	0.0081	0.0060
03:00 - 04:00	0.0085	0.0105	0.0066	0.0062	0.0078	0.0098	0.0086
04:00 - 05:00	0.0108	0.0067	0.0066	0.0075	0.0086	0.0059	0.0072
05:00 - 06:00	0.0103	0.0098	0.0098	0.0071	0.0061	0.0096	0.0063
06:00 - 07:00	0.0084	0.0104	0.0097	0.0062	0.0060	0.0069	0.0086
07:00 - 08:00	0.0074	0.0070	0.0094	0.0092	0.0060	0.0088	0.0064
08:00 - 09:00	0.0094	0.0090	0.0092	0.0069	0.0076	0.0090	0.0067
09:00 - 10:00	0.0107	0.0069	0.0098	0.0076	0.0094	0.0059	0.0067
10:00 - 11:00	0.0109	0.0118	0.0119	0.0112	0.0104	0.0110	0.0127
11:00 - 12:00	0.0145	0.0135	0.0116	0.0112	0.0127	0.0120	0.0129
12:00 - 13:00	0.0136	0.0137	0.0141	0.0117	0.0168	0.0137	0.0098
13:00 - 14:00	0.0131	0.0142	0.0140	0.0116	0.0164	0.0130	0.0134
14:00 - 15:00	0.0146	0.0124	0.0130	0.0139	0.0172	0.0120	0.0100
Average-24Hr*	0.0106	0.0098	0.0112	0.0096	0.0110	0.0108	0.0099
Max-1Hr	0.0146	0.0144	0.0141	0.0141	0.0172	0.0168	0.0134
Min-1Hr	0.0070	0.0067	0.0066	0.0062	0.0060	0.0059	0.0060
Standard-1Hr	0.17 ppm(320 ug/cu.m)						
Standard-24Hr	-						

Remark : * Average time between 15:00-15:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Sulfur dioxide MTR-POSCO

Location : Mab Yang Pom Sub-District Health Promoting Hospital Monitor Period : 14-21 Aug 2025
Analyzer Model : API 100A Station No : SECOT-019
Serial No : 186 Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Teledyne 700E Serial No : 587
Calibration Gas Cylinder I.D.: EB0102326
Certified Date : 10 Jan 2025 Cal Concentration (ppb) : 0,100,200,400
Expire Date : 09 Jan 2026

Time	SO2 Concentration (ppm)						
	14-15 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
15:00 - 16:00	0.0023	0.0034	0.0031	0.0047	0.0024	0.0034	0.0021
16:00 - 17:00	0.0028	0.0049	0.0021	0.0035	0.0054	0.0041	0.0032
17:00 - 18:00	0.0021	0.0039	0.0025	0.0037	0.0031	0.0048	0.0035
18:00 - 19:00	0.0043	0.0050	0.0039	0.0043	0.0051	0.0044	0.0042
19:00 - 20:00	0.0039	0.0032	0.0033	0.0034	0.0043	0.0054	0.0046
20:00 - 21:00	0.0028	0.0053	0.0050	0.0029	0.0044	0.0024	0.0044
21:00 - 22:00	0.0043	0.0037	0.0043	0.0037	0.0051	0.0044	0.0043
22:00 - 23:00	0.0040	0.0050	0.0023	0.0029	0.0033	0.0048	0.0029
23:00 - 00:00	0.0040	0.0023	0.0045	0.0032	0.0042	0.0048	0.0038
00:00 - 01:00	0.0040	0.0049	0.0037	0.0049	0.0039	0.0031	0.0024
01:00 - 02:00	0.0025	0.0054	0.0046	0.0050	0.0052	0.0028	0.0053
02:00 - 03:00	0.0052	0.0041	0.0045	0.0032	0.0047	0.0043	0.0034
03:00 - 04:00	0.0045	0.0027	0.0031	0.0026	0.0025	0.0033	0.0043
04:00 - 05:00	0.0032	0.0031	0.0055	0.0027	0.0056	0.0027	0.0036
05:00 - 06:00	0.0043	0.0043	0.0037	0.0040	0.0035	0.0026	0.0047
06:00 - 07:00	0.0022	0.0032	0.0037	0.0039	0.0024	0.0056	0.0055
07:00 - 08:00	0.0028	0.0045	0.0022	0.0054	0.0025	0.0054	0.0055
08:00 - 09:00	0.0053	0.0033	0.0041	0.0032	0.0042	0.0034	0.0028
09:00 - 10:00	0.0029	0.0043	0.0057	0.0041	0.0022	0.0024	0.0033
10:00 - 11:00	0.0049	0.0021	0.0041	0.0043	0.0035	0.0048	0.0051
11:00 - 12:00	0.0029	0.0026	0.0050	0.0053	0.0035	0.0040	0.0045
12:00 - 13:00	0.0046	0.0052	0.0033	0.0051	0.0048	0.0028	0.0025
13:00 - 14:00	0.0025	0.0057	0.0047	0.0023	0.0026	0.0028	0.0022
14:00 - 15:00	0.0050	0.0056	0.0032	0.0039	0.0052	0.0042	0.0022

Average-24Hr*	0.0036	0.0041	0.0038	0.0038	0.0039	0.0039	0.0038
Max-1Hr	0.0053	0.0057	0.0057	0.0054	0.0056	0.0056	0.0055
Min-1Hr	0.0021	0.0021	0.0021	0.0023	0.0022	0.0024	0.0021

Standard-1Hr	0.30 ppm(780 ug/cu.m)						
Standard-24Hr	0.12 ppm(300 ug/cu.m)						

Remark : * Average time between 15:00-15:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Sulfur dioxide MTR-POSCO

Location : Wat Ratadaram Monitor Period : 14-21 Aug 2025
Analyzer Model : Teledyne T100 Station No : SCT-15
Serial No : 120 Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Teledyne 700E Serial No : 587
Calibration Gas Cylinder I.D.: EB0102326
Certified Date : 10 Jan 2025 Cal Concentration (ppb) : 0,100,200,400
Expire Date : 09 Jan 2026

Time	SO2 Concentration (ppm)						
	14-15 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
15:00 - 16:00	0.0039	0.0037	0.0030	0.0043	0.0044	0.0032	0.0053
16:00 - 17:00	0.0051	0.0047	0.0058	0.0039	0.0055	0.0055	0.0052
17:00 - 18:00	0.0043	0.0028	0.0045	0.0033	0.0034	0.0052	0.0029
18:00 - 19:00	0.0026	0.0053	0.0061	0.0049	0.0030	0.0034	0.0028
19:00 - 20:00	0.0051	0.0034	0.0043	0.0055	0.0041	0.0056	0.0044
20:00 - 21:00	0.0050	0.0032	0.0060	0.0032	0.0025	0.0026	0.0034
21:00 - 22:00	0.0058	0.0056	0.0060	0.0055	0.0046	0.0049	0.0047
22:00 - 23:00	0.0060	0.0044	0.0056	0.0030	0.0027	0.0035	0.0031
23:00 - 00:00	0.0053	0.0030	0.0031	0.0044	0.0038	0.0041	0.0059
00:00 - 01:00	0.0058	0.0049	0.0054	0.0043	0.0041	0.0046	0.0032
01:00 - 02:00	0.0048	0.0033	0.0046	0.0060	0.0039	0.0026	0.0039
02:00 - 03:00	0.0042	0.0030	0.0038	0.0042	0.0053	0.0056	0.0045
03:00 - 04:00	0.0034	0.0028	0.0053	0.0058	0.0035	0.0051	0.0026
04:00 - 05:00	0.0059	0.0034	0.0029	0.0059	0.0035	0.0049	0.0026
05:00 - 06:00	0.0038	0.0038	0.0027	0.0033	0.0060	0.0052	0.0027
06:00 - 07:00	0.0041	0.0048	0.0032	0.0048	0.0040	0.0049	0.0052
07:00 - 08:00	0.0060	0.0051	0.0058	0.0045	0.0032	0.0039	0.0058
08:00 - 09:00	0.0061	0.0058	0.0026	0.0040	0.0033	0.0025	0.0034
09:00 - 10:00	0.0035	0.0030	0.0036	0.0060	0.0029	0.0057	0.0043
10:00 - 11:00	0.0045	0.0042	0.0052	0.0052	0.0051	0.0025	0.0030
11:00 - 12:00	0.0029	0.0046	0.0025	0.0051	0.0043	0.0054	0.0053
12:00 - 13:00	0.0043	0.0025	0.0053	0.0046	0.0046	0.0043	0.0048
13:00 - 14:00	0.0032	0.0058	0.0026	0.0053	0.0036	0.0028	0.0061
14:00 - 15:00	0.0059	0.0038	0.0036	0.0043	0.0046	0.0030	0.0036

Average-24Hr*	0.0046	0.0040	0.0043	0.0046	0.0040	0.0042	0.0041
Max-1Hr	0.0061	0.0058	0.0061	0.0060	0.0060	0.0057	0.0061
Min-1Hr	0.0026	0.0025	0.0025	0.0030	0.0025	0.0025	0.0026

Standard-1Hr	0.30 ppm(780 ug/cu.m)						
Standard-24Hr	0.12 ppm(300 ug/cu.m)						

Remark : * Average time between 15:00-15:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Sulfur dioxide MTR-POSCO

Location : Suangulhab School	Monitor Period : 14-21 Aug 2025
Analyzer Model : API 100A	Station No : SCT-14
Serial No : 906	Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Teledyne 700E	Serial No : 587
Calibration Gas Cylinder I.D.: EB0102326	
Certified Date : 10 Jan 2025	Cal Concentration (ppb) : 0,100,200,400
Expire Date : 09 Jan 2026	

Time	SO2 Concentration (ppm)						
	14-16 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
15:00 - 16:00	0.0052	0.0055	0.0059	0.0046	0.0064	0.0052	0.0043
16:00 - 17:00	0.0050	0.0047	0.0044	0.0056	0.0051	0.0053	0.0043
17:00 - 18:00	0.0043	0.0036	0.0049	0.0067	0.0043	0.0055	0.0061
18:00 - 19:00	0.0044	0.0061	0.0047	0.0042	0.0066	0.0062	0.0061
19:00 - 20:00	0.0048	0.0063	0.0068	0.0041	0.0067	0.0068	0.0053
20:00 - 21:00	0.0060	0.0053	0.0036	0.0063	0.0048	0.0042	0.0049
21:00 - 22:00	0.0035	0.0067	0.0053	0.0056	0.0055	0.0053	0.0065
22:00 - 23:00	0.0058	0.0036	0.0048	0.0043	0.0044	0.0066	0.0044
23:00 - 00:00	0.0048	0.0050	0.0058	0.0055	0.0039	0.0045	0.0044
00:00 - 01:00	0.0048	0.0048	0.0047	0.0065	0.0050	0.0058	0.0037
01:00 - 02:00	0.0040	0.0068	0.0061	0.0041	0.0049	0.0054	0.0064
02:00 - 03:00	0.0061	0.0059	0.0045	0.0057	0.0050	0.0044	0.0037
03:00 - 04:00	0.0049	0.0052	0.0034	0.0065	0.0053	0.0062	0.0053
04:00 - 05:00	0.0065	0.0063	0.0065	0.0062	0.0063	0.0034	0.0055
05:00 - 06:00	0.0041	0.0046	0.0052	0.0057	0.0039	0.0063	0.0051
06:00 - 07:00	0.0066	0.0046	0.0045	0.0058	0.0068	0.0052	0.0061
07:00 - 08:00	0.0048	0.0043	0.0067	0.0060	0.0065	0.0041	0.0049
08:00 - 09:00	0.0046	0.0040	0.0063	0.0041	0.0038	0.0038	0.0058
09:00 - 10:00	0.0056	0.0063	0.0058	0.0041	0.0050	0.0035	0.0044
10:00 - 11:00	0.0044	0.0060	0.0038	0.0055	0.0050	0.0038	0.0064
11:00 - 12:00	0.0062	0.0042	0.0068	0.0066	0.0041	0.0062	0.0039
12:00 - 13:00	0.0054	0.0056	0.0054	0.0054	0.0057	0.0034	0.0061
13:00 - 14:00	0.0068	0.0047	0.0043	0.0063	0.0049	0.0046	0.0065
14:00 - 15:00	0.0056	0.0060	0.0037	0.0035	0.0040	0.0066	0.0040

Average-24Hr*	0.0052	0.0053	0.0052	0.0054	0.0052	0.0051	0.0052
Max-1Hr	0.0068	0.0068	0.0068	0.0067	0.0068	0.0068	0.0065
Min-1Hr	0.0035	0.0036	0.0034	0.0035	0.0038	0.0034	0.0037

Standard-1Hr	0.30 ppm(780 ug/cu.m)						
Standard-24Hr	0.12 ppm(300 ug/cu.m)						

Remark : * Average time between 15:00-15:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

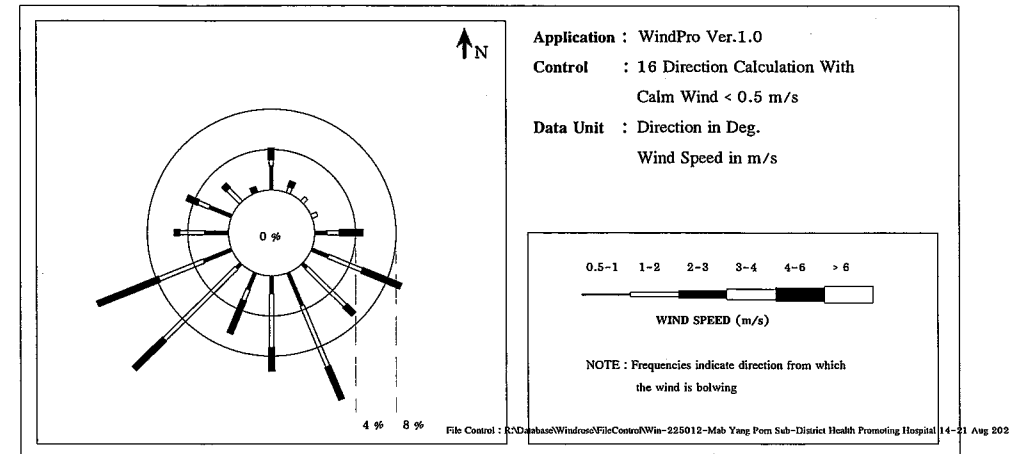
Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose MTR-POSCO

Location : Mab Yang Pom Sub-District Health Promoting Hospital	Monitor period : 14-21 Aug 2025
Wind Speed Model : Novalynx WS-25	Serial No : A5091
Wind Direction Model : Novalynx WS-25	Serial No : A5091

Direction	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.5-1 m/s	1-2 m/s	2-3 m/s	3-4 m/s	4-6 m/s	More than 6	
N	0.0238	0.0060	0.0119	0.0000	0.0000	0.0000	0.0417
NNE	0.0000	0.0060	0.0060	0.0000	0.0000	0.0000	0.0119
NE	0.0000	0.0060	0.0000	0.0000	0.0000	0.0000	0.0060
ENE	0.0000	0.0060	0.0000	0.0000	0.0000	0.0000	0.0060
E	0.0119	0.0119	0.0238	0.0000	0.0000	0.0000	0.0476
ESE	0.0179	0.0357	0.0417	0.0000	0.0000	0.0000	0.0952
SE	0.0060	0.0536	0.0119	0.0000	0.0000	0.0000	0.0714
SSE	0.0357	0.0655	0.0357	0.0000	0.0000	0.0000	0.1369
S	0.0179	0.0536	0.0238	0.0000	0.0000	0.0000	0.0952
SSW	0.0179	0.0119	0.0357	0.0000	0.0000	0.0000	0.0655
SW	0.0060	0.1012	0.0417	0.0000	0.0000	0.0000	0.1488
WSW	0.0298	0.0476	0.0655	0.0000	0.0000	0.0000	0.1429
W	0.0238	0.0238	0.0060	0.0000	0.0000	0.0000	0.0536
WNW	0.0238	0.0119	0.0119	0.0000	0.0000	0.0000	0.0476
NW	0.0000	0.0179	0.0060	0.0000	0.0000	0.0000	0.0238
NNW	0.0000	0.0000	0.0060	0.0000	0.0000	0.0000	0.0060
CALM	0.0000						



(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



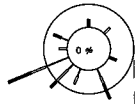
Meteorological Monitoring Results : Wind Rose

MTR-POSCO

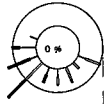
Location : Mab Yang Pom Sub-District Health Promoting Hospital Monitor period : 14-21 Aug 2025
 Wind Speed Model : Novalynx WS-25 Serial No : A5091
 Wind Direction Model : Novalynx WS-25 Serial No : A5091

Time	14-15 Aug 2025		15-16 Aug 2025		16-17 Aug 2025		17-18 Aug 2025	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
15:00 - 16:00	2.0	WNW	2.3	W	0.6	SSE	1.0	WSW
16:00 - 17:00	1.9	W	1.4	SW	2.5	SSW	1.4	WSW
17:00 - 18:00	0.7	SSE	0.7	ESE	1.0	SSE	2.5	WNW
18:00 - 19:00	1.8	SSE	1.3	ESE	1.7	S	1.6	WSW
19:00 - 20:00	2.7	SSE	1.7	ESE	1.4	S	1.7	WSW
20:00 - 21:00	2.8	ESE	2.7	WSW	2.6	SSW	2.9	WSW
21:00 - 22:00	2.6	SSE	2.4	SSW	1.3	S	1.3	WSW
22:00 - 23:00	1.1	SSW	0.6	WSW	0.6	SSE	1.0	S
23:00 - 24:00	0.9	WSW	0.8	W	1.3	SSE	1.8	SW
00:00 - 01:00	0.8	SSW	0.6	SSW	1.3	WSW	1.0	SW
01:00 - 02:00	1.2	WSW	1.5	SW	1.1	N	2.5	SW
02:00 - 03:00	0.6	SW	1.0	S	0.8	N	1.4	SW
03:00 - 04:00	1.1	WSW	1.7	SSE	0.6	N	2.6	SW
04:00 - 05:00	1.8	SW	2.9	WSW	2.7	NNW	1.2	SW
05:00 - 06:00	2.5	N	2.4	SW	0.7	N	2.0	SW
06:00 - 07:00	0.6	WSW	1.1	SW	1.8	ESE	1.9	SSE
07:00 - 08:00	0.9	WSW	0.8	S	2.0	S	1.0	SSE
08:00 - 09:00	2.9	WSW	2.3	SW	0.8	WSW	1.0	SSW
09:00 - 10:00	2.5	SW	1.7	SSE	1.3	W	1.2	SW
10:00 - 11:00	2.7	WSW	2.0	SW	0.6	WNW	1.6	W
11:00 - 12:00	0.8	WNW	1.1	SE	2.1	SSE	1.4	W
12:00 - 13:00	1.9	NE	0.8	W	1.8	S	0.9	WNW
13:00 - 14:00	2.3	WSW	0.9	WNW	2.8	WSW	1.8	ENE
14:00 - 15:00	1.8	SW	2.9	WSW	1.0	SW	1.8	SW

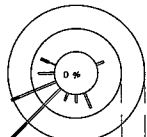
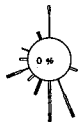
Wind Rose



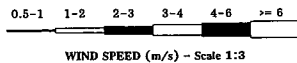
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File Control : R:\Database\Windrose\FireControlWin-225012-Mab Yang Pom Sub-District Health Promoting Hospital 14-21 Aug 2025

(Miss Katesarin Vorradetwittaya)
 Environmental Scientist

Preeda S.
 (Miss Preeda Somjai)
 Technical Management Team



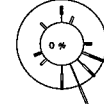
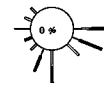
Meteorological Monitoring Results : Wind Rose

MTR-POSCO

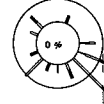
Location : Mab Yang Pom Sub-District Health Promoting Hospital Monitor period : 14-21 Aug 2025
 Wind Speed Model : Novalynx WS-25 Serial No : A5091
 Wind Direction Model : Novalynx WS-25 Serial No : A5091

Time	18-19 Aug 2025		19-20 Aug 2025		20-21 Aug 2025	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
15:00 - 16:00	1.6	S	1.6	ESE	1.9	E
16:00 - 17:00	2.3	SSW	1.6	SW	0.9	E
17:00 - 18:00	1.9	NW	2.9	S	1.6	ESE
18:00 - 19:00	0.8	W	2.7	WSW	0.8	S
19:00 - 20:00	0.9	SSW	0.6	SSE	2.3	SSW
20:00 - 21:00	2.7	WSW	2.3	ESE	1.5	SE
21:00 - 22:00	1.0	S	2.1	ESE	1.4	SE
22:00 - 23:00	2.0	E	2.2	SE	1.8	ESE
23:00 - 24:00	2.6	ESE	0.7	SSE	1.4	SE
00:00 - 01:00	1.0	SW	2.6	SSE	1.5	SW
01:00 - 02:00	2.9	E	0.6	S	1.4	SSE
02:00 - 03:00	1.0	E	1.5	SSE	2.6	SSE
03:00 - 04:00	2.2	ESE	1.7	SSE	2.9	SE
04:00 - 05:00	2.3	E	0.6	SSE	1.5	SE
05:00 - 06:00	0.7	E	2.0	SSE	2.0	ESE
06:00 - 07:00	2.4	ESE	2.0	E	2.8	NNE
07:00 - 08:00	1.8	SE	1.3	S	0.7	ESE
08:00 - 09:00	1.0	SE	1.1	NNE	1.4	SW
09:00 - 10:00	2.7	S	1.9	SSE	1.9	WNW
10:00 - 11:00	0.8	ESE	2.5	N	2.7	WSW
11:00 - 12:00	2.7	S	0.8	N	2.3	NW
12:00 - 13:00	0.7	W	1.3	NW	1.1	SE
13:00 - 14:00	1.1	WNW	1.5	SE	1.1	NW
14:00 - 15:00	2.8	SSW	0.8	SE	1.0	SW

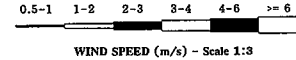
Wind Rose



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File Control : R:\Database\Windrose\FireControlWin-225012-Mab Yang Pom Sub-District Health Promoting Hospital 14-21 Aug 2025

(Miss Katesarin Vorradetwittaya)
 Environmental Scientist

Preeda S.
 (Miss Preeda Somjai)
 Technical Management Team



Meteorological Monitoring Results : Wind Rose

MTR-POSCO

Location : Suangulhab School

Monitor period : 14-21 Aug 2025

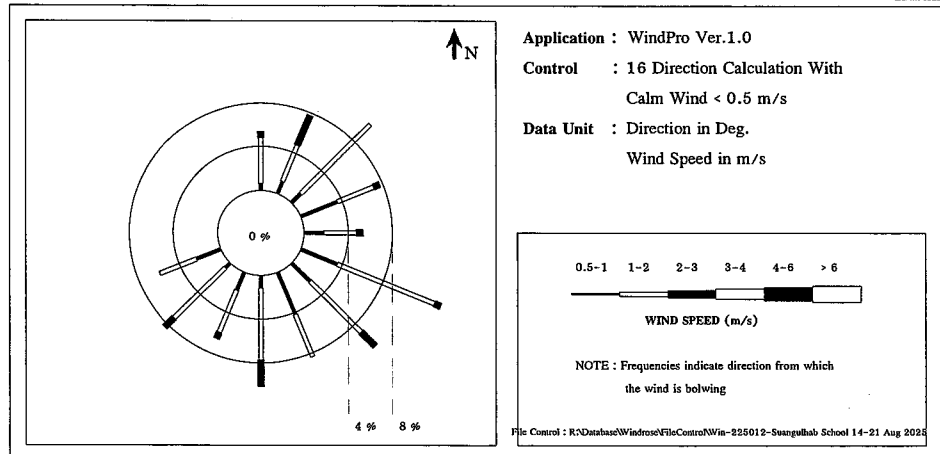
Wind Speed Model : Novalynx WS-25

Serial No : A5090

Wind Direction Model : Novalynx WS-25

Serial No : A5090

Direction	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.5-1 m/s	1-2 m/s	2-3 m/s	3-4 m/s	4-6 m/s	More than 6	
N	0.0060	0.0417	0.0060	0.0000	0.0000	0.0000	0.0536
NNE	0.0119	0.0357	0.0298	0.0000	0.0000	0.0000	0.0774
NE	0.0119	0.0893	0.0000	0.0000	0.0000	0.0000	0.1012
ENE	0.0357	0.0357	0.0060	0.0000	0.0000	0.0000	0.0774
E	0.0179	0.0298	0.0060	0.0000	0.0000	0.0000	0.0536
ESE	0.0357	0.0952	0.0060	0.0000	0.0000	0.0000	0.1369
SE	0.0238	0.0655	0.0179	0.0000	0.0000	0.0000	0.1071
SSE	0.0417	0.0417	0.0000	0.0000	0.0000	0.0000	0.0833
S	0.0119	0.0655	0.0238	0.0000	0.0000	0.0000	0.1012
SSW	0.0179	0.0417	0.0060	0.0000	0.0000	0.0000	0.0655
SW	0.0060	0.0655	0.0119	0.0000	0.0000	0.0000	0.0833
WSW	0.0238	0.0357	0.0000	0.0000	0.0000	0.0000	0.0595
W	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WNW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NNW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CALM	0.0000						



(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose

MTR-POSCO

Location : Suangulhab School

Monitor period : 14-21 Aug 2025

Wind Speed Model : Novalynx WS-25

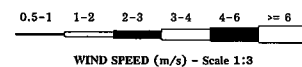
Serial No : A5090

Wind Direction Model : Novalynx WS-25

Serial No : A5090

Time	14-15 Aug 2025		15-16 Aug 2025		16-17 Aug 2025		17-18 Aug 2025	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
14:00 - 15:00	0.8	SSE	0.9	ESE	0.5	SSE	1.5	SSW
15:00 - 16:00	1.1	N	1.0	SE	0.9	NE	1.1	SE
16:00 - 17:00	0.7	ESE	1.4	N	1.9	E	1.7	NE
17:00 - 18:00	1.7	ENE	1.9	SSW	1.4	S	1.2	NE
18:00 - 19:00	0.7	ENE	1.4	ESE	1.3	S	1.7	SW
19:00 - 20:00	0.6	SSE	1.4	S	0.7	E	1.3	NNE
20:00 - 21:00	1.5	S	1.8	S	0.8	SSW	0.5	SSE
21:00 - 22:00	1.2	SW	1.1	SW	1.3	S	1.8	SW
22:00 - 23:00	0.9	NNE	1.2	ESE	1.8	NNE	1.3	E
23:00 - 24:00	2.0	ESE	0.8	SE	2.0	S	0.8	SSE
00:00 - 01:00	1.9	ESE	1.7	SE	1.2	WSW	1.7	NE
01:00 - 02:00	0.5	ENE	2.1	SSW	0.8	SSW	1.2	ESE
02:00 - 03:00	1.5	SSE	1.0	SE	1.2	ENE	1.5	SW
03:00 - 04:00	1.8	S	1.4	SSW	2.0	S	1.4	ENE
04:00 - 05:00	2.0	SW	1.7	NE	1.2	NE	1.9	SSW
05:00 - 06:00	1.0	SSE	1.1	ESE	0.8	WSW	0.9	N
06:00 - 07:00	1.3	ESE	1.5	ESE	1.4	ESE	1.2	NE
07:00 - 08:00	1.1	WSW	1.2	ESE	1.9	N	1.9	SE
08:00 - 09:00	0.9	ESE	1.8	S	1.8	E	1.0	S
09:00 - 10:00	0.7	SE	1.8	SW	1.8	SSE	1.7	E
10:00 - 11:00	1.9	E	0.7	SSE	1.8	SE	1.0	NNE
11:00 - 12:00	1.0	WSW	2.0	SE	0.5	S	2.1	NNE
12:00 - 13:00	1.6	SSE	2.0	E	0.9	ESE	1.5	SE
13:00 - 14:00	1.1	ESE	0.8	SW	1.4	S	0.9	SSE

Wind Rose



(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose

MTR-POSCO

Location : Suangulhab School

Monitor period : 14-21 Aug 2025

Wind Speed Model : Novalynx WS-25

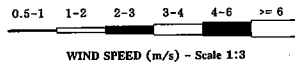
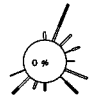
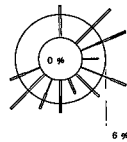
Serial No : A5090

Wind Direction Model : Novalynx WS-25

Serial No : A5090

Time	18-19 Aug 2025		19-20 Aug 2025		20-21 Aug 2025		
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD	
14:00 - 15:00	1.6	NE	2.1	S	1.1	NNE	
15:00 - 16:00	2.1	NNE	1.2	N	0.8	WSW	
16:00 - 17:00	1.6	SSE	1.0	ESE	0.8	SE	
17:00 - 18:00	0.9	SE	1.3	SSE	1.0	NNE	
18:00 - 19:00	1.1	ENE	1.1	SW	0.6	E	
19:00 - 20:00	1.8	NE	1.4	SW	2.0	SW	
20:00 - 21:00	1.0	SE	1.4	NE	2.1	NNE	
21:00 - 22:00	1.2	SSE	1.8	SW	1.1	ENE	
22:00 - 23:00	0.6	ENE	0.7	SSW	2.1	NNE	
23:00 - 24:00	1.2	NE	0.5	E	1.0	ESE	
00:00 - 01:00	1.9	NNE	1.3	NE	2.0	SE	
01:00 - 02:00	0.5	S	1.4	SE	1.1	SSW	
02:00 - 03:00	0.9	ENE	1.8	WSW	1.9	ESE	
03:00 - 04:00	0.7	NNE	0.9	ENE	0.7	ENE	
04:00 - 05:00	1.4	ESE	1.8	SSW	1.9	ESE	
05:00 - 06:00	1.4	SE	0.5	ESE	1.8	NE	
06:00 - 07:00	1.1	WSW	0.6	WSW	1.2	NE	
07:00 - 08:00	1.8	NE	1.0	N	1.4	N	
08:00 - 09:00	2.0	N	1.5	ENE	2.1	SE	
09:00 - 10:00	1.7	WSW	2.0	ENE	2.1	NNE	
10:00 - 11:00	1.4	N	1.7	S	2.1	S	
11:00 - 12:00	1.1	ESE	0.7	ESE	1.6	SW	
12:00 - 13:00	0.5	NE	1.0	NE	0.7	WSW	
13:00 - 14:00	1.0	SSW	1.4	SE	1.1	SW	

Wind Rose



WIND SPEED (m/s) - Scale 1:3

File Control : R:\Database\Windrose\FileControl\Win-225012-Suangulhab School 14-21 Aug 2025


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose

MTR-POSCO

Location : Wat Ratasadam

Monitor period : 14-21 Aug 2025

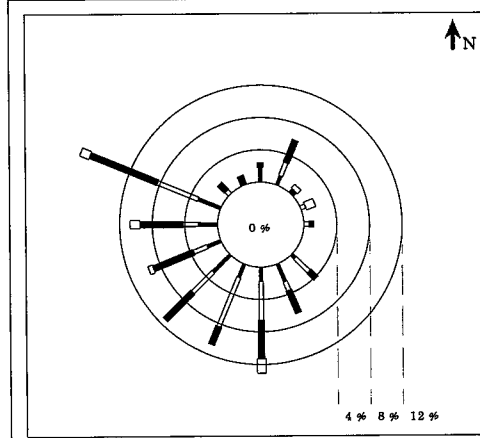
Wind Speed Model : Novalynx WS-25

Serial No : A5092

Wind Direction Model : Novalynx WS-25

Serial No : A5092

Direction	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.5-1 m/s	1-2 m/s	2-3 m/s	3-4 m/s	4-6 m/s	More than 6	
N	0.0179	0.0000	0.0060	0.0000	0.0000	0.0000	0.0238
NNE	0.0119	0.0179	0.0298	0.0000	0.0000	0.0000	0.0595
NE	0.0000	0.0000	0.0060	0.0060	0.0000	0.0000	0.0119
ENE	0.0000	0.0060	0.0000	0.0119	0.0000	0.0000	0.0179
E	0.0000	0.0060	0.0060	0.0000	0.0000	0.0000	0.0119
ESE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SE	0.0060	0.0238	0.0119	0.0000	0.0000	0.0000	0.0417
SSE	0.0238	0.0119	0.0298	0.0000	0.0000	0.0000	0.0655
S	0.0179	0.0476	0.0476	0.0179	0.0000	0.0000	0.1310
SSW	0.0179	0.0655	0.0238	0.0000	0.0000	0.0000	0.1071
SW	0.0298	0.0357	0.0476	0.0000	0.0000	0.0000	0.1131
WSW	0.0179	0.0179	0.0536	0.0060	0.0000	0.0000	0.0952
W	0.0238	0.0179	0.0536	0.0119	0.0000	0.0000	0.1071
WNW	0.0298	0.0536	0.0893	0.0119	0.0000	0.0000	0.1845
NW	0.0000	0.0060	0.0119	0.0000	0.0000	0.0000	0.0179
NNW	0.0000	0.0000	0.0119	0.0000	0.0000	0.0000	0.0119
CALM	0.0000						



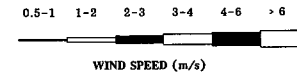
Application : WindPro Ver.1.0

Control : 16 Direction Calculation With

Calm Wind < 0.5 m/s

Data Unit : Direction in Deg.

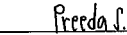
Wind Speed in m/s



NOTE : Frequencies indicate direction from which
the wind is blowing

File Control : R:\Database\Windrose\FileControl\Win-225012-Wat Ratasadam 14-21 Aug 2025


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose MTR-POSCO

Location : Wat Ratasadaram

Monitor period : 14-21 Aug 2025

Wind Speed Model : Novalynx WS-25

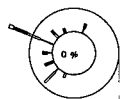
Serial No : A5092

Wind Direction Model : Novalynx WS-25

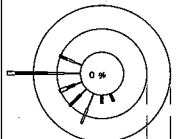
Serial No : A5092

Time	14-15 Aug 2025		15-16 Aug 2025		16-17 Aug 2025		17-18 Aug 2025	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
15:00 - 16:00	2.7	WSW	2.5	W	0.8	W	2.4	WNW
16:00 - 17:00	1.0	NW	1.1	WNW	2.3	WSW	1.4	WNW
17:00 - 18:00	1.8	SW	2.5	W	2.7	S	3.1	WNW
18:00 - 19:00	1.0	SW	0.9	SW	2.8	S	2.9	WNW
19:00 - 20:00	1.6	SW	2.7	SSE	2.4	W	2.0	WNW
20:00 - 21:00	1.1	SSW	1.8	SSW	1.5	S	2.1	WNW
21:00 - 22:00	0.6	SW	2.9	S	0.5	SSE	1.3	WNW
22:00 - 23:00	2.8	W	3.1	WSW	1.5	SW	2.3	SW
23:00 - 24:00	0.8	WNW	2.9	WNW	1.0	SSW	2.2	SSW
00:00 - 01:00	1.9	WNW	0.6	WSW	2.6	W	1.9	SSW
01:00 - 02:00	0.7	WNW	0.8	SSW	2.8	NW	0.6	SSW
02:00 - 03:00	0.5	WNW	1.4	W	2.5	NNE	2.3	SW
03:00 - 04:00	2.9	WNW	3.0	W	0.8	N	2.2	NNE
04:00 - 05:00	2.0	WNW	1.4	W	1.0	NNE	1.7	NNE
05:00 - 06:00	0.7	NNE	2.1	W	2.8	NE	3.0	NE
06:00 - 07:00	2.2	NNE	0.8	W	1.5	E	1.0	S
07:00 - 08:00	1.7	WNW	1.7	SSW	2.4	S	1.9	SSW
08:00 - 09:00	1.1	WNW	2.2	SW	0.9	SSE	2.8	NNW
09:00 - 10:00	3.1	WNW	2.9	SW	1.2	WSW	1.6	SW
10:00 - 11:00	0.9	W	2.2	W	2.0	W	1.6	SSW
11:00 - 12:00	2.5	WNW	0.5	SSW	1.1	SW	2.9	SSW
12:00 - 13:00	2.8	WSW	0.9	W	2.0	WSW	2.3	S
13:00 - 14:00	2.5	NW	0.8	WNW	3.1	W	1.4	WNW
14:00 - 15:00	2.5	NNW	2.4	WSW	2.0	WSW	2.3	WNW

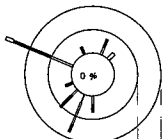
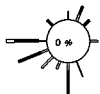
Wind Rose



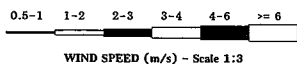
20 %



12 % 24 %



12 % 24 %



WIND SPEED (m/s) - Scale 1:3

File Control : R:\Database\Windrose\FileControl\Win-225012-Wat Ratasadaram 14-21 Aug 2025

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose MTR-POSCO

Location : Wat Ratasadaram

Monitor period : 14-21 Aug 2025

Wind Speed Model : Novalynx WS-25

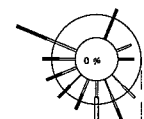
Serial No : A5092

Wind Direction Model : Novalynx WS-25

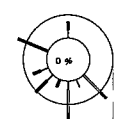
Serial No : A5092

Time	18-19 Aug 2025		19-20 Aug 2025		20-21 Aug 2025	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
15:00 - 16:00	2.5	SW	0.5	WSW	2.3	SSW
16:00 - 17:00	2.4	SSW	0.9	S	2.1	SE
17:00 - 18:00	1.5	WNW	0.6	SW	1.1	SSE
18:00 - 19:00	2.4	WNW	2.3	SW	0.5	S
19:00 - 20:00	1.8	W	2.3	SW	3.0	S
20:00 - 21:00	3.0	S	1.3	SE	1.5	S
21:00 - 22:00	1.6	SSW	1.2	SE	2.5	SSE
22:00 - 23:00	1.0	S	2.8	SE	1.4	WSW
23:00 - 24:00	0.7	SE	1.2	SE	2.4	SW
00:00 - 01:00	0.9	SSE	2.7	SSW	3.1	ENE
01:00 - 02:00	1.4	SSE	2.7	S	3.1	ENE
02:00 - 03:00	1.4	ENE	1.8	S	1.9	SSW
03:00 - 04:00	2.7	E	1.8	S	2.5	SSE
04:00 - 05:00	2.6	NNE	2.3	S	0.9	WSW
05:00 - 06:00	2.9	NNE	1.8	S	0.9	N
06:00 - 07:00	1.1	SE	2.7	S	1.3	NNE
07:00 - 08:00	2.3	SSE	2.5	WNW	0.6	NNE
08:00 - 09:00	3.0	S	2.3	WNW	0.8	WNW
09:00 - 10:00	1.9	WSW	2.6	WNW	2.9	SSE
10:00 - 11:00	2.7	W	0.8	N	0.7	S
11:00 - 12:00	2.5	WSW	2.9	N	1.1	SSW
12:00 - 13:00	1.5	WNW	2.1	WSW	0.9	SW
13:00 - 14:00	0.8	SW	2.7	WNW	1.6	S
14:00 - 15:00	2.0	WNW	0.5	SSE	1.2	SSW

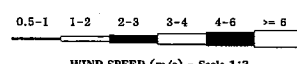
Wind Rose



6 %



12 %



WIND SPEED (m/s) - Scale 1:3

File Control : R:\Database\Windrose\FileControl\Win-225012-Wat Ratasadaram 14-21 Aug 2025

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team

ใบรับรองผลการตรวจวัดคุณภาพอากาศจากแหล่งกำเนิด



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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND

TEL : (662) 959-3600 FAX : (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: POSCO Coated Steel Co., Ltd.	REFERENCE NO.	: 225012-Stack-2508-0020
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 19/08/2025	SAMPLING TIME	: 10.40 a.m.-12.00 p.m.
RECEIVED DATE	: 22/08/2025	ANALYTICAL DATE	: 23-25/08/2025
REPORT DATE	: 28/08/2025	OPERATOR	: Mr. Pisanu Seenampeng (7-239-0-0029)
STACK LOCATION	: Annealing Furnace	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 43.0 m	Flow Rate ^{1/}	: 429 Ncu.m./min
Diameter	: 1.6 m	Excess Oxygen	: 11.7 %
Temperature	: 188.7 °C	Moisture Content	: 12.8 %
Gas Velocity	: 6.3 m/s		

PARAMETER	UNIT	RESULT ^{1/}		STANDARD	REFERENCE METHOD
		11.7%O ₂	7.0%O ₂	7.0%O ₂	
Total Suspended Particulate	mg/Nm ³	1.9	2.9	10 ^{2/} /120 ^{3/} /320 ^{4/}	US. EPA Method 5
(TSP)	g/s	-	0.014	0.049 ^{2/}	

Pornapa Budthum
(Miss Pornnapa Budthum)

Analyst

REG.NO.7-239-0-0018

Narisa Poowasanpetch
(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-0-0010

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. ^{1/} At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{2/} Emission standard @ actual O₂ according to EIA report.

5. ^{3/} Emission Standard in Notification of the Ministry of Science, Technology and Environment for Steel Industry (New Soruce), B.E.2544 (2001).

6. ^{4/} Emission Standard in Notification of the Ministry of Natural Resources and Environment for Industrial, B.E.2549 (2006). and the Ministry of Industry, B.E.2549 (2006).



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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND

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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: POSCO Coated Steel Co., Ltd.	REFERENCE NO.	: 225012-Stack-2508-0020
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 19/08/2025	SAMPLING TIME	: 10.40 a.m.-12.00 p.m.
RECEIVED DATE	: 22/08/2025	ANALYTICAL DATE	: 25/08/2025
REPORT DATE	: 09/09/2025	OPERATOR	: Mr. Pisanu Seenampeng (7-239-0-0029)
STACK LOCATION	: Annealing Furnace	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 43.0 m	Flow Rate ^{1/}	: 429 Ncu.m./min
Diameter	: 1.6 m	Excess Oxygen	: 11.7 %
Temperature	: 188.7 °C	Moisture Content	: 12.8 %
Gas Velocity	: 6.3 m/s		

PARAMETER	UNIT	ND	RESULT ^{1/}		STANDARD	REFERENCE METHOD
		Non-detectable	11.7%O ₂	7.0%O ₂	7.0%O ₂	
Sulfur Dioxide (SO ₂)	mg/Nm ³	<5.0	ND	-	30 ^{2/} /2,094 ^{3/} /157 ^{4/}	US. EPA Method 6
		<7.5	-	ND		
	g/s	-	-	<0.036	0.146 ^{2/}	

Pornapa Budthum
(Miss Pornnapa Budthum)

Analyst

REG.NO.7-239-0-0018

Narisa Poowasanpetch
(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-0-0010

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SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 19/08/2025	SAMPLING TIME	: 10.40 a.m.-12.00 p.m.
RECEIVED DATE	: 22/08/2025	ANALYTICAL DATE	: 28/08/2025
REPORT DATE	: 09/09/2025	OPERATOR	: Mr. Pisanu Seenampeng (7-239-ท-0029)
STACK LOCATION	: Annealing Furnace	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 43.0 m	Flow Rate ^{1/}	: 429 Ncu.m./min
Diameter	: 1.6 m	Excess Oxygen	: 11.7 %
Temperature	: 188.7 °C	Moisture Content	: 12.8 %
Gas Velocity	: 6.3 m/s		

PARAMETER	UNIT	ND	RESULT ^{1/}		STANDARD	REFERENCE
		Non-detectable	11.7%O ₂	7.0%O ₂	7.0%O ₂	METHOD
Oxide of Nitrogen (NO _x)	mg/Nm ³	<2.0	41.8	62.9	300 ^{2/} /339 ^{3/} /376 ^{4/}	US. EPA Method 7
	g/s	-	-	0.299	1.473 ^{2/}	

Bongp. Puthum

(Miss Pornnapa Budthum)

Analyst

REG.NO.7-239-ท-0018

Narisa Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-ท-0010

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SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 20/08/2025	SAMPLING TIME	: 10.30-11.40 a.m.
RECEIVED DATE	: 22/08/2025	ANALYTICAL DATE	: 23-25/08/2025
REPORT DATE	: 28/08/2025	OPERATOR	: Mr. Pisanu Seenampeng (7-239-ท-0029)
STACK LOCATION	: Boiler	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 20.0 m	Flow Rate ^{1/}	: 214 Ncu.m./min
Diameter	: 1.1 m	Excess Oxygen	: 8.5 %
Temperature	: 78.7 °C	Moisture Content	: 10.2 %
Gas Velocity	: 4.9 m/s		

PARAMETER	UNIT	RESULT ^{1/}		STANDARD	REFERENCE
		8.5%O ₂	7.0%O ₂	7.0%O ₂	METHOD
Total Suspended Particulate (TSP)	mg/Nm ³	3.1	3.4	10 ^{2/} /120 ^{3/} /320 ^{4/}	US. EPA Method 5
	g/s	-	0.011	0.022 ^{2/}	

Bongp. Puthum

(Miss Pornnapa Budthum)

Analyst

REG.NO.7-239-ท-0018

Narisa Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-ท-0010

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บริษัท ซีคอต จำกัด

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STACK LOCATION	: Boiler	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 20.0 m	Flow Rate ^{1/}	: 214 Ncu.m/min
Diameter	: 1.1 m	Excess Oxygen	: 8.5 %
Temperature	: 78.7 °C	Moisture Content	: 10.2 %
Gas Velocity	: 4.9 m/s		

PARAMETER	UNIT	ND	RESULT ^{1/}		STANDARD	REFERENCE METHOD
		Non-detectable	8.5%O ₂	7.0%O ₂	7.0%O ₂	
Sulfur Dioxide (SO ₂)	mg/Nm ³	<5.0	ND	-	30 ^{2/} /2,094 ^{3/} /157 ^{4/}	US. EPA Method 6
		<5.5	-	ND		
	g/s	-	-	<0.018	0.064 ^{2/}	

Pornapa Budthum
(Miss Pornnapa Budthum)

Analyst

REG.NO.7-239-ท-0018

Narisa Poowasanpetch
(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-ท-0010

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บริษัท ซีคอต จำกัด

SECOT CO., LTD.

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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: POSCO Coated Steel Co., Ltd.	REFERENCE NO.	: 225012-Stack-2508-0020
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 20/08/2025	SAMPLING TIME	: 10.30-11.40 a.m.
RECEIVED DATE	: 22/08/2025	ANALYTICAL DATE	: 28/08/2025
REPORT DATE	: 09/09/2025	OPERATOR	: Mr. Pisanu Seenampeng (7-239-ท-0029)
STACK LOCATION	: Boiler	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 20.0 m	Flow Rate ^{1/}	: 214 Ncu.m/min
Diameter	: 1.1 m	Excess Oxygen	: 8.5 %
Temperature	: 78.7 °C	Moisture Content	: 10.2 %
Gas Velocity	: 4.9 m/s		

PARAMETER	UNIT	ND	RESULT ^{1/}		STANDARD	REFERENCE METHOD
		Non-detectable	8.5%O ₂	7.0%O ₂	7.0%O ₂	
Oxide of Nitrogen (NO _x)	mg/Nm ³	<2.0	29.7	33.3	300 ^{2/} /339 ^{3/} /376 ^{4/}	US. EPA Method 7
		-	-	0.106	0.645 ^{2/}	
	g/s	-	-	0.106	0.645 ^{2/}	

Pornapa Budthum
(Miss Pornnapa Budthum)

Analyst

REG.NO.7-239-ท-0018

Narisa Poowasanpetch
(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-ท-0010

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3. ^{1/} At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{2/} Emission standard @ actual O₂ according to EIA report.

5. ^{3/} Emission Standard in Notification of the Ministry of Science, Technology and Environment for Steel Industry (New Source), B.E.2544 (2001).

6. ^{4/} Emission Standard in Notification of the Ministry of Natural Resources and Environment for Industrial, B.E.2549 (2006). and the Ministry of Industry, B.E.2549 (2006).



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TEL : (662) 959-3600 FAX : (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: POSCO Coated Steel Co., Ltd.	REFERENCE NO.	: 225012-Stack-2508-0020
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 19/08/2025	SAMPLING TIME	: 10.10-11.10 a.m.
RECEIVED DATE	: 22/08/2025	ANALYTICAL DATE	: 23-25/08/2025
REPORT DATE	: 28/08/2025	OPERATOR	: Mr. Pisanu Seenampeng (7-239-0-0029)
STACK LOCATION	: Cleaning	FUEL TYPE	: -
SOURCE DESCRIPTION	: Process	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 44.8 m	Flow Rate ^{1/}	: 301 Ncu.m./min
Diameter	: 1.1 m	Excess Oxygen	: 20.7 %
Temperature	: 44.0 °C	Moisture Content	: 4.2 %
Gas Velocity	: 5.9 m/s		

PARAMETER	UNIT	RESULT ^{1/}	STANDARD	REFERENCE METHOD
Total Suspended Particulate	mg/Nm ³	1.3	30 ^{2/} , 400 ^{3/}	US. EPA Method 5
(TSP)	g/s	0.007	0.23 ^{2/}	

Pornnapa Budthum
(Miss Pornnapa Budthum)

Analyst

REG.NO.7-239-0-0018

Narisa Poowasanpetch
(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-0-0010

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4. ^{2/} Emission standard @ actual O₂ according to EIA report.

5. ^{3/} Emission Standard in Notification of the Ministry of Natural Resources and Environment for Industrial, B.E.2549 (2006).

and the Ministry of Industry, B.E.2549 (2006).



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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: POSCO Coated Steel Co., Ltd.	REFERENCE NO.	: 225012-Stack-2508-0020
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: -
SAMPLING DATE	: 19/08/2025	SAMPLING TIME	: 10.10-11.10 a.m.
RECEIVED DATE	: 22/08/2025	ANALYTICAL DATE	: 22-25/08/2025
REPORT DATE	: 09/09/2025	OPERATOR	: Mr. Pisanu Seenampeng
STACK LOCATION	: Cleaning	FUEL TYPE	: -
SOURCE DESCRIPTION	: Process	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 44.8 m	Flow Rate ^{1/}	: 301 Ncu.m./min
Diameter	: 1.1 m	Excess Oxygen	: 20.7 %
Temperature	: 44.0 °C	Moisture Content	: 4.2 %
Gas Velocity	: 5.9 m/s		

PARAMETER	UNIT	ND Non-detectable	RESULT ^{1/}	STANDARD	REFERENCE METHOD
Sodium Hydroxide (NaOH)	mg/Nm ³	<0.005	ND	8.66 ^{2/}	Modify US. EPA Method 29
	g/s	-	<0.00003	0.06 ^{2/}	

Araya Tipparuk
(Mrs. Araya Tipparuk)

Analyst

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3. ^{1/} At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{2/} Emission standard @ actual O₂ according to EIA report.

Narisa Poowasanpetch
(Miss Narisa Poowasanpetch)

Technical Management Team



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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: POSCO Coated Steel Co., Ltd.	REFERENCE NO.	: 225012-Stack-2508-0020
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 19/08/2025	SAMPLING TIME	: 02.30-03.30 p.m.
RECEIVED DATE	: 22/08/2025	ANALYTICAL DATE	: 23-25/08/2025
REPORT DATE	: 28/08/2025	OPERATOR	: Mr. Pisanu Seenampeng (7-239-0-0029)
STACK LOCATION	: Skin Pass	FUEL TYPE	: -
SOURCE DESCRIPTION	: Process	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 44.5 m	Flow Rate ^{1/}	: 930 Ncu.m./min
Diameter	: 1.2 m	Excess Oxygen	: 20.8 %
Temperature	: 43.6 °C	Moisture Content	: 6.5 %
Gas Velocity	: 17.0 m/s		

PARAMETER	UNIT	RESULT ^{1/}	STANDARD	REFERENCE METHOD
Total Suspended Particulate	mg/Nm ³	2.0	30 ^{2/} , 400 ^{3/}	US. EPA Method 5
(TSP)	g/s	0.031	0.23 ^{2/}	

Pornnapa Budthum

(Miss Pornnapa Budthum)

Analyst

REG.NO.7-239-0-0018

Narisa Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-0-0010

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3. ^{1/} At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{2/} Emission standard @ actual O₂ according to EIA report.

5. ^{3/} Emission Standard in Notification of the Ministry of Natural Resources and Environment for Industrial, B.E.2549 (2006).

and the Ministry of Industry, B.E.2549 (2006).



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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: POSCO Coated Steel Co., Ltd.	REFERENCE NO.	: 225012-Stack-2508-0020
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 19/08/2025	SAMPLING TIME	: 02.10-04.10 p.m.
RECEIVED DATE	: 22/08/2025	ANALYTICAL DATE	: 23-25/08/2025
REPORT DATE	: 28/08/2025	OPERATOR	: Mr. Pisanu Seenampeng (7-239-0-0029)
STACK LOCATION	: Coater&Oven	FUEL TYPE	: -
SOURCE DESCRIPTION	: Process	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 50.0 m	Flow Rate ^{1/}	: 641 Ncu.m./min
Diameter	: 0.8 m	Excess Oxygen	: 20.6 %
Temperature	: 43.0 °C	Moisture Content	: 4.4 %
Gas Velocity	: 23.1 m/s		

PARAMETER	UNIT	RESULT ^{1/}	STANDARD	REFERENCE METHOD
Total Suspended Particulate	mg/Nm ³	0.6	30 ^{2/} , 400 ^{3/}	US. EPA Method 5
(TSP)	g/s	0.006	0.31 ^{2/}	

Pornnapa Budthum

(Miss Pornnapa Budthum)

Analyst

REG.NO.7-239-0-0018

Narisa Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-0-0010

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5. ^{3/} Emission Standard in Notification of the Ministry of Natural Resources and Environment for Industrial, B.E.2549 (2006).

and the Ministry of Industry, B.E.2549 (2006).



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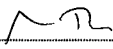
STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: POSCO Coated Steel Co., Ltd.	REFERENCE NO.	: 225012-Stack-2508-0020
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 19/08/2025	SAMPLING TIME	: 02.10-04.10 p.m
RECEIVED DATE	: 22/08/2025	ANALYTICAL DATE	: 22-25/08/2025
REPORT DATE	: 09/09/2025	OPERATOR	: Mr. Pisanu Seenampeng (7-239-0-0029)
STACK LOCATION	: Coater&Oven	FUEL TYPE	: -
SOURCE DESCRIPTION	: Process	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 50.0 m	Flow Rate ^{1/}	: 641 Ncu.m./min
Diameter	: 0.8 m	Excess Oxygen	: 20.6 %
Temperature	: 43.0 °C	Moisture Content	: 4.4 %
Gas Velocity	: 23.1 m/s		

PARAMETER	UNIT	ND Non-detectable	RESULT ^{1/}	STANDARD	REFERENCE METHOD
Chromium (Cr)	mg/Nm ³	<0.008	ND	0.5 ^{2/}	US. EPA Method 29
	g/s	-	<0.0001	0.00513 ^{2/}	


(Mrs. Araya Tipparuk)

Analyst

REG.NO.7-239-0-0004


(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-0-0010

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3. ^{1/} At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{2/} Emission standard @ actual O₂ according to EIA report.



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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: POSCO Coated Steel Co., Ltd.	REFERENCE NO.	: 225012-Stack-2508-0020
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 20/08/2025	SAMPLING TIME	: 01.40-03.40 p.m.
RECEIVED DATE	: 22/08/2025	ANALYTICAL DATE	: 25/08/2025
REPORT DATE	: 09/09/2025	OPERATOR	: Mr. Pisanu Seenampeng (7-239-0-0029)
STACK LOCATION	: Chromium Plating	FUEL TYPE	: -
SOURCE DESCRIPTION	: Process	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 8.5 m	Flow Rate ^{1/}	: 178 Ncu.m./min
Diameter	: 0.8 m	Excess Oxygen	: 20.7 %
Temperature	: 39.8 °C	Moisture Content	: 5.7 %
Gas Velocity	: 6.6 m/s		

PARAMETER	UNIT	ND Non-detectable	RESULT ^{1/}	STANDARD	REFERENCE METHOD
Sulfur Dioxide (SO ₂)	ppm	<1.9	ND	9.2 ^{2/} , 500 ^{3/}	US. EPA Method 6
	mg/Nm ³	<5.0	ND	24.08 ^{2/} , 1,309 ^{3/}	
	g/s	-	<0.015	0.241 ^{2/}	


(Miss Pornnapa Budthum)

Analyst

REG.NO.7-239-0-0018


(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-0-0010

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3. ^{1/} At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{2/} Emission standard @ actual O₂ according to EIA report.

5. ^{3/} Emission Standard in Notification of the Ministry of Natural Resources and Environment for Industrial, B.E.2549 (2006).
and the Ministry of Industry, B.E.2549 (2006).



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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: POSCO Coated Steel Co., Ltd.	REFERENCE NO.	: 225012-Stack-2508-0020
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 2-239
SAMPLING DATE	: 20/08/2025	SAMPLING TIME	: 01.40-03.40 p.m.
RECEIVED DATE	: 22/08/2025	ANALYTICAL DATE	: 22-25/08/2025
REPORT DATE	: 09/09/2025	OPERATOR	: Mr. Pisanu Seenampeng (2-239-0-0029)
STACK LOCATION	: Chromium Plating	FUEL TYPE	: -
SOURCE DESCRIPTION	: Process	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 8.5 m	Flow Rate ^{1/}	: 178 Ncu.m./min
Diameter	: 0.8 m	Excess Oxygen	: 20.7 %
Temperature	: 39.8 °C	Moisture Content	: 5.7 %
Gas Velocity	: 6.6 m/s		

PARAMETER	UNIT	ND Non-detectable	RESULT ^{1/}	STANDARD	REFERENCE METHOD
Chromium	mg/Nm ³	<0.008	ND	0.084 ^{2/}	US. EPA Method 29
	g/s	-	<0.00002	0.00084 ^{2/}	

(Mrs. Araya Tipparuk)

Analyst

REG.NO.2-239-0-0004

(Miss Narisa Poowasanpeth)

Technical Management Team

REG.NO.2-239-0-0010

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4. ^{2/} Emission standard @ actual O₂ according to EIA report.



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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: POSCO Coated Steel Co., Ltd.	REFERENCE NO.	: 225012-Stack-2508-0020
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: -
SAMPLING DATE	: 20/08/2025	SAMPLING TIME	: 10.30 a.m.-00.45 p.m.
RECEIVED DATE	: 22/08/2025	ANALYTICAL DATE	: 22-25/08/2025
REPORT DATE	: 09/09/2025	OPERATOR	: Mr. Pisanu Seenampeng
STACK LOCATION	: Pot Roll Cleaning	FUEL TYPE	: -
SOURCE DESCRIPTION	: Process	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 20.0 m	Flow Rate ^{1/}	: 144 Ncu.m./min
Diameter	: 0.7 m	Excess Oxygen	: 20.7 %
Temperature	: 35.0 °C	Moisture Content	: 6.4 %
Gas Velocity	: 5.3 m/s		

PARAMETER	UNIT	ND Non-detectable	RESULT ^{1/}	STANDARD	REFERENCE METHOD
Sodium Hydroxide (NaOH)	mg/Nm ³	<0.005	ND	0.03 ^{2/}	Modify US. EPA Method 29
	g/s	-	<0.00001	0.0001 ^{2/}	

(Mrs. Araya Tipparuk)

Analyst

(Miss Narisa Poowasanpeth)

Technical Management Team

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3. ^{1/} At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{2/} Emission standard @ actual O₂ according to EIA report.



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CLIENT NAME	: POSCO Coated Steel Co., Ltd.	REFERENCE NO.	: 225012-Stack-2508-0020
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: -
SAMPLING DATE	: 20/08/2025	SAMPLING TIME	: 10.30 a.m.-00.45 p.m.
RECEIVED DATE	: 22/08/2025	ANALYTICAL DATE	: 27/08/2025
REPORT DATE	: 09/09/2025	OPERATOR	: Mr. Pisanu Seenampeng
STACK LOCATION	: Pot Roll Cleaning	FUEL TYPE	: -
SOURCE DESCRIPTION	: Process	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 20.0 m	Flow Rate ^{1/}	: 144 Nm ³ /min
Diameter	: 0.7 m	Excess Oxygen	: 20.7 %
Temperature	: 35.0 °C	Moisture Content	: 6.4 %
Gas Velocity	: 5.3 m/s		

PARAMETER	UNIT	ND Non-detectable	RESULT ^{1/}	STANDARD	REFERENCE METHOD
Phosphoric acid (H ₃ PO ₄)	mg/Nm ³	<0.04	ND	0.16 ^{2/}	Ion Chromatography
	g/s	-	<0.0001	0.0005 ^{2/}	

Pornnapa Budthum

(Miss Pornnapa Budthum)

Analyst

Narisa Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

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STACK EMISSION ANALYSIS REPORT

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SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 2-239
SAMPLING DATE	: 20/08/2025	SAMPLING TIME	: 10.30 a.m.-00.45 p.m.
RECEIVED DATE	: 22/08/2025	ANALYTICAL DATE	: 26/08/2025
REPORT DATE	: 09/09/2025	OPERATOR	: Mr. Pisanu Seenampeng (2-239-0-0029)
STACK LOCATION	: Pot Roll Cleaning	FUEL TYPE	: -
SOURCE DESCRIPTION	: Process	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 20.0 m	Flow Rate ^{1/}	: 144 Nm ³ /min
Diameter	: 0.7 m	Excess Oxygen	: 20.7 %
Temperature	: 35.0 °C	Moisture Content	: 6.4 %
Gas Velocity	: 5.3 m/s		

PARAMETER	UNIT	ND Non-detectable	RESULT ^{1/}	STANDARD	REFERENCE METHOD
Hydrogen Chloride (HCl)	mg/Nm ³	<0.04	0.04	0.16 ^{2/} , 200 ^{3/}	US. EPA Method 26
	g/s	-	0.0001	0.0005 ^{2/}	

Janista Kui-on

(Miss Janista Kui-on)

Analyst

REG.NO.2-239-0-0023

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3. ^{1/} At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{2/} Emission standard @ actual O₂ according to EIA report.

5. ^{3/} Emission Standard in Notification of the Ministry of Natural Resources and Environment for Industrial, B.E.2549 (2006).

and the Ministry of Industry, B.E.2549 (2006).

Narisa Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.2-239-0-0010

ใบรับรองผลการตรวจวัดระดับเสียง



Noise Monitoring Result : Community Noise

MTR-POSCO

Location : East Fence				Monitor Period : 14-21 Aug 2025			
SLM Model : Cirrus CR161B				Serial No : G302633			
Site Operator : Mr. Sittichai Sawangwongchai							
Calibrator Model : Cirrus CR:515				Serial No : 94296			
Calibration Ref dB(A) : 94.0				Certified Date : 27 Feb 2025			
SLM Reading / Adjust dB(A) : 93.7/0.0				Expire Date : 25 Feb 2026			
Cal Sheet No.: CR-515-2025-209							
Time	Equivalent Sound Pressure Level (dB(A))						
	14-15 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
13:00 - 14:00	54.1	58.4	46.2	49.3	54.7	53.2	56.6
14:00 - 15:00	62.4	59.5	48.8	43.4	59.3	58.0	54.3
15:00 - 16:00	54.3	61.4	47.8	43.1	56.2	55.6	53.0
16:00 - 17:00	57.6	60.5	43.4	48.1	57.6	55.2	56.3
17:00 - 18:00	56.8	54.3	45.5	41.8	53.8	52.3	52.5
18:00 - 19:00	54.9	59.0	51.4	46.6	55.6	55.8	55.2
19:00 - 20:00	51.0	54.1	47.2	42.7	43.7	55.4	52.1
20:00 - 21:00	46.7	52.2	44.0	42.2	42.1	54.5	54.9
21:00 - 22:00	41.8	48.2	42.3	41.6	38.8	54.5	55.3
22:00 - 23:00	41.4	48.0	42.3	42.4	39.4	45.2	42.8
23:00 - 00:00	41.2	42.3	43.7	41.4	38.2	43.0	44.2
00:00 - 01:00	44.9	44.4	43.6	49.2	34.8	42.0	41.0
01:00 - 02:00	44.3	41.9	42.1	44.6	41.3	40.9	41.0
02:00 - 03:00	39.7	40.9	35.0	44.1	31.6	39.9	41.8
03:00 - 04:00	42.1	43.4	36.3	42.8	35.1	38.1	37.4
04:00 - 05:00	41.2	40.7	33.1	43.7	42.9	37.5	46.4
05:00 - 06:00	47.1	41.9	34.9	41.5	40.2	41.9	36.6
06:00 - 07:00	46.0	33.0	28.5	43.4	41.0	48.3	40.5
07:00 - 08:00	43.9	37.3	31.9	44.1	32.2	46.1	42.0
08:00 - 09:00	54.4	38.6	51.1	56.0	47.2	51.1	51.5
09:00 - 10:00	64.1	43.9	60.9	56.2	62.6	51.3	60.0
10:00 - 11:00	61.6	50.9	56.2	56.2	55.7	55.9	54.4
11:00 - 12:00	55.8	48.6	56.9	56.9	53.9	52.4	54.8
12:00 - 13:00	54.1	45.5	52.3	48.2	45.8	44.1	53.8
Leq(24)*	55.7	54.0	51.0	49.9	53.5	52.3	53.0
Ldn	56.6	55.1	52.0	52.8	54.1	53.8	54.1
Lmax **	96.3	94.6	86.1	92.3	90.7	87.6	88.3
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : * Average time between 13:00-13:00

** Maximum Sound Pressure Level between 13:00-13:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise

MTR-POSCO

Location : East Fence			Monitor Period : 14-21 Aug 2025				
SLM Model : Cirrus CR161B			Serial No : G302633				
Site Operator : Mr. Sittichai Sawangwongchai							
Calibrator Model : Cirrus CR:515			Serial No : 94296				
Calibration Ref dB(A) : 94.0			Certified Date : 27 Feb 2025				
SLM Reading / Adjust dB(A) : 93.7/0.0			Expire Date : 25 Feb 2026				
Cal Sheet No.: CR-515-2025-209							
Time	L90 (dB(A))						
	14-15 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
13:00 - 14:00	49.9	48.6	42.5	40.5	42.9	43.7	43.5
14:00 - 15:00	48.5	47.2	42.6	40.3	46.1	45.7	41.3
15:00 - 16:00	45.5	52.5	41.4	39.7	43.0	43.3	42.9
16:00 - 17:00	45.4	46.4	41.4	38.5	43.4	43.7	42.5
17:00 - 18:00	41.5	41.7	41.4	37.8	40.1	41.4	42.3
18:00 - 19:00	43.0	46.0	41.9	38.2	40.2	45.4	45.0
19:00 - 20:00	42.6	43.5	42.7	40.3	33.4	46.2	44.4
20:00 - 21:00	41.1	43.3	40.7	40.1	34.5	44.8	43.6
21:00 - 22:00	40.8	41.4	40.8	40.7	37.1	40.7	42.3
22:00 - 23:00	40.5	34.4	41.3	41.1	34.5	39.6	40.2
23:00 - 00:00	40.0	35.8	41.3	40.2	33.2	38.6	38.3
00:00 - 01:00	39.9	40.0	40.7	39.4	31.6	38.5	37.5
01:00 - 02:00	39.6	38.2	36.1	39.0	31.1	38.8	37.7
02:00 - 03:00	38.5	38.6	32.4	39.9	28.9	38.1	36.5
03:00 - 04:00	38.6	40.2	34.1	39.5	28.9	36.9	35.8
04:00 - 05:00	38.3	37.5	30.3	38.9	37.4	35.9	36.0
05:00 - 06:00	38.5	36.1	28.4	38.0	30.0	36.8	34.6
06:00 - 07:00	39.6	29.7	26.3	37.5	28.4	37.5	33.4
07:00 - 08:00	40.4	30.4	25.3	37.7	28.7	38.2	35.1
08:00 - 09:00	41.0	32.9	25.7	44.0	33.1	42.5	39.9
09:00 - 10:00	52.0	39.9	52.9	43.8	42.0	43.1	43.9
10:00 - 11:00	48.4	40.8	46.2	44.9	44.2	47.6	42.6
11:00 - 12:00	42.5	41.0	46.0	43.5	42.7	41.0	44.4
12:00 - 13:00	40.8	40.2	43.3	42.8	41.1	39.8	51.0
L90(avg)*	44.5	43.7	43.0	40.8	39.7	42.4	42.7

Remark : * Average time between 13:00-13:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Community Noise

MTR-POSCO

Location : South Fence	Monitor Period : 14-21 Aug 2025
SLM Model : Cirrus CR161B	Serial No : G302635
Site Operator : Mr. Sittichai Sawangwongchai	

Calibrator Model : Cirrus CR:515	Serial No : 94296
Calibration Ref dB(A) : 94.0	Certified Date : 27 Feb 2025
SLM Reading / Adjust dB(A) : 93.7/0.0	Expire Date : 25 Feb 2026
Cal Sheet No.: CR-515-2025-209	

Time	Equivalent Sound Pressure Level (dB(A))						
	14-15 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
13:00 - 14:00	53.4	54.6	53.4	53.0	53.7	54.9	54.0
14:00 - 15:00	55.3	54.9	53.8	54.0	54.9	54.9	54.4
15:00 - 16:00	54.8	61.0	53.6	54.4	54.2	55.5	55.0
16:00 - 17:00	54.7	54.4	53.3	52.9	55.5	56.0	54.7
17:00 - 18:00	54.4	53.6	53.4	53.2	54.1	55.3	54.5
18:00 - 19:00	54.6	54.6	53.6	53.4	56.4	55.0	54.8
19:00 - 20:00	55.0	55.8	55.0	54.6	54.4	55.2	54.9
20:00 - 21:00	54.1	55.2	54.3	55.2	54.3	52.7	53.3
21:00 - 22:00	53.3	54.2	53.1	55.0	52.8	54.0	53.0
22:00 - 23:00	53.2	57.1	52.9	53.0	53.9	53.5	53.4
23:00 - 00:00	53.0	55.2	52.4	51.9	52.7	54.2	54.5
00:00 - 01:00	52.8	54.1	53.0	51.5	52.1	52.9	53.6
01:00 - 02:00	53.1	53.5	52.6	51.9	52.1	53.5	54.1
02:00 - 03:00	52.7	53.4	52.2	52.4	51.8	52.8	53.1
03:00 - 04:00	52.6	53.3	52.0	52.3	51.7	52.6	53.0
04:00 - 05:00	51.8	53.5	51.9	52.3	51.8	52.5	52.8
05:00 - 06:00	51.6	53.0	51.9	52.6	52.0	52.8	52.7
06:00 - 07:00	52.4	53.5	51.6	52.9	52.6	53.3	53.3
07:00 - 08:00	52.4	53.8	50.6	52.3	52.8	52.6	66.0
08:00 - 09:00	54.3	63.9	51.9	53.8	53.8	53.7	53.7
09:00 - 10:00	54.5	53.7	53.0	55.2	54.3	54.0	54.9
10:00 - 11:00	55.1	53.6	51.7	54.5	55.5	55.6	54.3
11:00 - 12:00	55.2	53.3	52.3	53.8	54.5	54.8	54.3
12:00 - 13:00	54.6	53.1	53.3	52.8	62.6	56.2	55.9
Leq(24)*	53.8	56.0	52.9	53.4	54.8	54.3	56.1
Ldn	59.3	61.1	58.9	59.0	59.5	59.8	60.6
Lmax **	84.0	98.6	81.2	79.2	87.8	86.9	96.6
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : * Average time between 13:00-13:00

** Maximum Sound Pressure Level between 13:00-13:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise

MTR-POSCO

Location : South Fence	Monitor Period : 14-21 Aug 2025
SLM Model : Cirrus CR161B	Serial No : G302635
Site Operator : Mr. Sittichai Sawangwongchai	

Calibrator Model : Cirrus CR:515	Serial No : 94296
Calibration Ref dB(A) : 94.0	Certified Date : 27 Feb 2025
SLM Reading / Adjust dB(A) : 93.7/0.0	Expire Date : 25 Feb 2026
Cal Sheet No.: CR-515-2025-209	

Time	L90 (dB(A))						
	14-15 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
13:00 - 14:00	51.2	52.2	52.6	51.9	51.8	53.4	52.4
14:00 - 15:00	52.3	52.6	53.0	53.0	52.9	53.0	52.5
15:00 - 16:00	53.2	52.7	52.9	53.1	52.4	53.2	52.6
16:00 - 17:00	53.0	52.6	52.5	52.2	52.6	53.3	52.6
17:00 - 18:00	52.8	52.3	52.4	52.4	52.5	53.4	53.0
18:00 - 19:00	53.5	53.0	52.7	52.7	51.0	53.5	52.7
19:00 - 20:00	54.0	54.4	53.7	53.1	52.7	52.0	52.3
20:00 - 21:00	53.1	53.5	52.8	53.1	52.6	51.5	51.6
21:00 - 22:00	52.9	53.2	52.5	53.5	52.1	52.1	51.1
22:00 - 23:00	52.7	53.6	52.3	51.6	51.7	52.2	52.4
23:00 - 00:00	52.4	53.1	51.8	51.3	51.6	52.1	53.2
00:00 - 01:00	52.3	53.2	52.0	51.0	51.5	52.3	52.7
01:00 - 02:00	52.6	53.0	52.0	51.3	51.5	52.8	53.2
02:00 - 03:00	52.3	52.7	51.7	51.9	51.2	52.4	52.7
03:00 - 04:00	51.9	52.8	51.5	51.8	51.2	52.0	52.5
04:00 - 05:00	51.1	53.0	51.4	51.7	51.3	51.9	52.4
05:00 - 06:00	51.0	52.5	51.3	52.1	51.4	52.2	52.2
06:00 - 07:00	51.6	52.8	50.8	52.3	51.9	52.4	52.5
07:00 - 08:00	51.7	52.9	48.9	51.6	51.8	51.9	52.0
08:00 - 09:00	52.6	53.2	48.7	52.1	52.6	52.6	52.2
09:00 - 10:00	52.9	52.9	48.9	53.0	52.9	52.4	52.8
10:00 - 11:00	52.9	52.8	49.2	53.1	53.5	53.4	52.1
11:00 - 12:00	52.8	52.6	49.6	52.3	53.2	52.7	52.4
12:00 - 13:00	53.2	52.3	51.1	51.4	53.1	53.1	52.5
L90(avg)*	52.6	52.9	51.7	52.3	52.2	52.6	52.5

Remark : * Average time between 13:00-13:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Community Noise

MTR-POSCO

Location : West Fence				Monitor Period : 14-21 Aug 2025			
SLM Model : Cirrus CR161B				Serial No : G302630			
Site Operator : Mr. Sittichai Sawangwongchai							
Calibrator Model : Cirrus CR:515				Serial No : 94296			
Calibration Ref dB(A) : 94.0				Certified Date : 27 Feb 2025			
SLM Reading / Adjust dB(A) : 93.7/0.0				Expire Date : 25 Feb 2026			
Cal Sheet No.: CR-515-2025-209							
Time	Equivalent Sound Pressure Level (dB(A))						
	14-15 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
13:00 - 14:00	56.6	54.9	56.3	54.8	54.0	55.7	54.5
14:00 - 15:00	55.2	55.2	56.0	54.3	54.1	54.8	54.6
15:00 - 16:00	55.8	54.5	54.9	54.0	52.6	54.6	54.2
16:00 - 17:00	55.9	55.5	54.4	54.3	53.5	55.1	54.7
17:00 - 18:00	55.7	55.1	54.3	54.2	54.2	54.9	53.8
18:00 - 19:00	55.7	53.5	54.4	53.6	60.4	54.5	55.1
19:00 - 20:00	56.1	54.3	55.5	54.3	53.4	54.0	54.2
20:00 - 21:00	55.8	55.6	55.4	53.8	52.9	54.5	54.6
21:00 - 22:00	53.4	55.1	53.0	52.7	53.0	52.8	53.6
22:00 - 23:00	53.6	58.4	53.7	52.2	52.3	52.5	53.5
23:00 - 00:00	54.5	57.0	53.0	52.5	52.0	53.3	53.5
00:00 - 01:00	53.4	55.1	54.0	52.0	52.7	53.5	52.6
01:00 - 02:00	53.8	54.4	52.5	52.1	53.2	53.3	54.1
02:00 - 03:00	53.7	54.0	51.1	51.5	52.0	52.7	52.4
03:00 - 04:00	51.2	54.0	53.2	50.9	52.8	51.2	53.4
04:00 - 05:00	50.6	55.6	56.2	52.4	59.2	52.0	54.0
05:00 - 06:00	53.2	62.9	52.6	53.6	52.7	54.9	52.9
06:00 - 07:00	54.7	59.0	50.8	53.3	52.0	53.3	52.7
07:00 - 08:00	54.7	55.5	52.7	52.4	53.8	52.7	51.5
08:00 - 09:00	55.2	56.4	53.9	52.6	54.4	53.6	54.9
09:00 - 10:00	54.9	57.9	52.6	52.5	54.6	53.8	55.2
10:00 - 11:00	55.0	55.5	53.5	55.2	56.2	55.6	53.4
11:00 - 12:00	54.8	55.9	54.0	53.5	53.1	54.0	54.1
12:00 - 13:00	53.6	55.0	53.8	53.3	52.8	52.3	53.9
Leq(24)*	54.7	56.5	54.1	53.3	54.5	53.9	53.9
Ldn	60.1	63.9	59.9	59.0	60.5	59.7	59.8
Lmax **	77.7	90.9	73.8	86.1	101.1	76.3	82.9
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : * Average time between 13:00-13:00

** Maximum Sound Pressure Level between 13:00-13:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise

MTR-POSCO

Location : West Fence				Monitor Period : 14-21 Aug 2025			
SLM Model : Cirrus CR161B				Serial No : G302630			
Site Operator : Mr. Sittichai Sawangwongchai							
Calibrator Model : Cirrus CR:515				Serial No : 94296			
Calibration Ref dB(A) : 94.0				Certified Date : 27 Feb 2025			
SLM Reading / Adjust dB(A) : 93.7/0.0				Expire Date : 25 Feb 2026			
Cal Sheet No.: CR-515-2025-209							
Time	L90 (dB(A))						
	14-15 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
13:00 - 14:00	54.0	53.0	54.4	52.8	50.9	52.7	52.7
14:00 - 15:00	53.4	52.0	54.4	52.7	50.8	52.9	53.1
15:00 - 16:00	54.0	52.4	53.2	52.2	50.5	53.0	51.7
16:00 - 17:00	54.2	53.5	52.6	52.2	51.2	53.4	53.0
17:00 - 18:00	54.2	52.7	52.7	52.0	52.0	53.4	52.0
18:00 - 19:00	54.2	51.3	52.6	51.9	51.9	52.7	53.4
19:00 - 20:00	54.6	52.2	54.0	51.5	50.8	52.8	52.7
20:00 - 21:00	54.4	53.5	52.9	51.6	49.0	52.0	53.0
21:00 - 22:00	51.1	52.6	51.8	51.4	50.2	50.8	51.8
22:00 - 23:00	52.4	54.8	51.9	51.1	49.7	51.0	52.3
23:00 - 00:00	53.3	54.2	51.8	51.1	49.7	51.4	52.2
00:00 - 01:00	50.6	54.1	51.8	50.9	49.6	51.7	51.1
01:00 - 02:00	52.6	53.3	50.9	50.9	49.7	52.1	52.2
02:00 - 03:00	52.4	52.9	49.0	50.0	49.6	51.3	51.1
03:00 - 04:00	47.4	53.2	49.0	49.9	50.5	49.6	51.5
04:00 - 05:00	47.6	53.7	51.2	51.1	51.3	51.0	52.2
05:00 - 06:00	51.5	54.5	48.9	51.6	50.7	51.5	51.1
06:00 - 07:00	52.9	54.1	49.2	51.4	49.3	51.6	50.6
07:00 - 08:00	53.1	54.1	50.0	50.7	47.6	51.4	50.2
08:00 - 09:00	53.1	54.6	51.2	50.4	52.2	52.1	52.0
09:00 - 10:00	53.1	54.0	51.3	50.5	51.5	52.3	51.0
10:00 - 11:00	52.4	54.1	51.7	51.5	52.3	53.0	50.7
11:00 - 12:00	52.4	54.3	52.0	51.8	51.5	52.3	51.3
12:00 - 13:00	51.1	53.3	51.9	50.7	50.8	49.5	50.1
L90(avg)*	52.8	53.5	52.0	51.4	50.7	52.0	51.9

Remark : * Average time between 13:00-13:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Community Noise

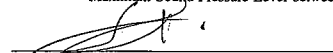
MTR-POSCO

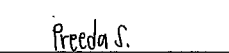
Location : North Fence	Monitor Period : 14-21 Aug 2025
SLM Model : Cirrus CR161B	Serial No : G302648
Site Operator : Mr. Sittichai Sawangwongchai	
Calibrator Model : Cirrus CR:515	Serial No : 94296
Calibration Ref dB(A) : 94.0	Certified Date : 27 Feb 2025
SLM Reading / Adjust dB(A) : 93.7/0.0	Expire Date : 25 Feb 2026
Cal Sheet No.: CR-515-2025-209	

Time	Equivalent Sound Pressure Level (dB(A))						
	14-15 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
13:00 - 14:00	66.5	75.0	66.8	65.1	63.5	64.9	64.4
14:00 - 15:00	67.2	67.7	66.8	65.3	63.7	64.6	64.3
15:00 - 16:00	67.8	66.4	66.9	65.3	63.8	64.9	64.4
16:00 - 17:00	66.2	66.4	66.9	65.1	64.1	64.8	64.8
17:00 - 18:00	66.3	66.5	66.8	64.9	63.9	65.0	64.8
18:00 - 19:00	66.7	66.8	66.9	65.1	64.5	65.0	64.8
19:00 - 20:00	67.0	67.1	67.4	65.3	65.0	65.0	65.0
20:00 - 21:00	66.9	67.3	67.5	65.4	65.1	64.9	65.2
21:00 - 22:00	67.1	67.3	67.5	65.7	65.1	64.6	65.3
22:00 - 23:00	67.1	68.1	67.5	65.7	65.2	64.9	65.2
23:00 - 00:00	67.0	68.1	67.5	65.7	65.2	65.2	65.1
00:00 - 01:00	66.8	68.7	67.5	65.6	65.1	65.3	65.0
01:00 - 02:00	67.1	68.5	67.8	65.7	65.0	65.2	65.7
02:00 - 03:00	67.0	68.3	67.7	65.7	65.0	64.9	65.5
03:00 - 04:00	67.0	68.4	67.9	66.1	65.1	65.0	65.6
04:00 - 05:00	66.8	68.4	67.8	65.9	65.2	65.3	65.6
05:00 - 06:00	66.7	68.1	67.7	66.1	65.1	65.1	65.6
06:00 - 07:00	66.8	68.0	67.6	66.2	65.1	65.0	65.5
07:00 - 08:00	66.4	67.9	64.5	65.4	64.8	64.6	65.4
08:00 - 09:00	66.7	68.0	71.0	64.6	65.1	64.2	64.8
09:00 - 10:00	68.2	69.3	62.1	64.6	65.1	64.3	64.4
10:00 - 11:00	66.6	67.5	61.9	63.9	65.1	64.9	64.5
11:00 - 12:00	66.5	67.4	63.4	64.1	64.8	64.7	64.5
12:00 - 13:00	66.5	67.1	64.6	63.7	64.7	64.5	64.8
Leq(24)*	66.9	68.5	67.1	65.3	64.8	64.9	65.0
Ldn	73.3	74.7	73.9	72.1	71.5	71.5	71.8
Lmax **	81.8	92.9	92.6	79.4	82.3	79.4	85.4
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : * Average time between 13:00-13:00

** Maximum Sound Pressure Level between 13:00-13:00


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team



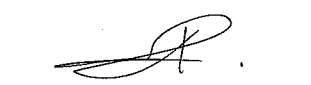
Noise Monitoring Result : Background Noise

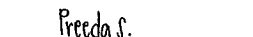
MTR-POSCO

Location : North Fence	Monitor Period : 14-21 Aug 2025
SLM Model : Cirrus CR161B	Serial No : G302648
Site Operator : Mr. Sittichai Sawangwongchai	
Calibrator Model : Cirrus CR:515	Serial No : 94296
Calibration Ref dB(A) : 94.0	Certified Date : 27 Feb 2025
SLM Reading / Adjust dB(A) : 93.7/0.0	Expire Date : 25 Feb 2026
Cal Sheet No.: CR-515-2025-209	

Time	L90 (dB(A))						
	14-15 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
13:00 - 14:00	65.7	65.7	66.0	64.3	62.9	64.1	63.9
14:00 - 15:00	65.7	65.7	66.1	64.7	63.1	63.9	63.8
15:00 - 16:00	65.8	65.8	66.2	64.8	63.2	64.1	63.7
16:00 - 17:00	65.4	65.8	66.1	64.5	63.5	64.2	64.0
17:00 - 18:00	65.6	65.8	66.1	64.5	63.3	64.3	64.0
18:00 - 19:00	66.0	66.1	66.2	64.7	63.5	64.4	64.1
19:00 - 20:00	66.3	66.3	66.5	64.9	64.5	64.5	64.4
20:00 - 21:00	66.3	66.6	66.9	65.2	64.6	64.5	64.5
21:00 - 22:00	66.5	66.6	66.9	65.4	64.7	64.1	64.6
22:00 - 23:00	66.6	67.2	66.9	65.3	64.7	64.4	64.6
23:00 - 00:00	66.5	67.3	66.9	65.4	64.7	64.8	64.6
00:00 - 01:00	66.2	68.2	66.9	65.2	64.6	64.9	64.6
01:00 - 02:00	66.5	67.9	67.2	65.3	64.6	64.7	64.8
02:00 - 03:00	66.5	67.7	67.2	65.4	64.7	64.6	65.2
03:00 - 04:00	66.6	67.9	67.6	65.8	64.8	64.7	65.2
04:00 - 05:00	66.4	67.9	67.4	65.5	64.8	64.9	65.3
05:00 - 06:00	66.3	67.6	67.3	65.8	64.7	64.7	65.2
06:00 - 07:00	66.5	67.5	67.2	65.9	64.6	64.7	65.1
07:00 - 08:00	65.9	67.4	62.3	64.8	64.4	64.1	64.9
08:00 - 09:00	66.3	67.4	61.8	63.8	64.6	63.6	64.1
09:00 - 10:00	66.5	67.5	61.5	63.7	64.6	63.7	63.8
10:00 - 11:00	66.0	66.8	61.4	63.2	64.4	64.1	63.9
11:00 - 12:00	65.9	66.7	61.5	63.4	64.2	64.1	64.1
12:00 - 13:00	65.8	66.4	64.0	62.9	64.1	64.0	64.3
L90(avg)*	66.2	67.0	66.0	64.8	64.3	64.4	64.5

Remark : * Average time between 13:00-13:00


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Community Noise

MTR-POSCO

Location : Mab Yang Pom Sub-District Health Promoting Hospital				Monitor Period : 14-21 Aug 2025			
SLM Model : Cirrus CR161B				Serial No : G302628			
Site Operator : Mr. Sittichai Sawangwongchai							
Calibrator Model : Cirrus CR:515				Serial No : 94296			
Calibration Ref dB(A) : 94.0				Certified Date : 27 Feb 2025			
SLM Reading / Adjust dB(A) : 93.7/0.0				Expire Date : 25 Feb 2026			
Cal Sheet No.: CR-515-2025-209							
Time	Equivalent Sound Pressure Level (dB(A))						
	14-15 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
15:00 - 16:00	54.6	58.2	56.7	57.9	56.5	59.1	55.9
16:00 - 17:00	55.9	57.9	57.3	58.4	56.3	56.7	56.5
17:00 - 18:00	56.0	59.8	59.3	58.2	58.1	58.3	58.3
18:00 - 19:00	57.8	59.6	58.3	58.6	59.1	57.6	57.4
19:00 - 20:00	57.4	58.8	59.6	58.5	58.9	57.9	59.2
20:00 - 21:00	57.0	60.5	59.6	59.0	59.6	59.5	58.8
21:00 - 22:00	58.6	58.0	57.8	58.1	60.3	56.5	56.1
22:00 - 23:00	56.2	64.9	55.6	55.9	56.1	55.9	55.3
23:00 - 00:00	62.9	58.1	57.4	55.8	55.1	54.8	52.8
00:00 - 01:00	56.8	59.7	56.6	55.5	52.1	52.7	53.5
01:00 - 02:00	56.5	56.5	57.1	53.6	50.9	50.1	51.4
02:00 - 03:00	56.4	54.7	59.4	50.6	49.7	50.0	50.6
03:00 - 04:00	52.8	56.8	56.1	50.4	50.0	50.3	49.3
04:00 - 05:00	54.1	58.9	54.4	51.1	52.1	51.7	51.9
05:00 - 06:00	56.9	57.4	56.5	54.7	55.2	54.9	54.9
06:00 - 07:00	56.0	57.6	57.3	58.0	57.7	57.9	57.8
07:00 - 08:00	55.0	59.7	58.0	60.1	60.2	59.5	60.1
08:00 - 09:00	57.6	59.4	55.4	59.1	59.5	59.2	58.5
09:00 - 10:00	57.5	58.3	55.9	56.6	58.8	57.6	56.3
10:00 - 11:00	56.7	58.8	57.4	57.2	56.5	56.6	55.0
11:00 - 12:00	56.8	58.6	57.5	56.5	56.0	55.8	56.0
12:00 - 13:00	56.0	56.4	57.3	56.8	55.9	55.7	55.7
13:00 - 14:00	55.5	57.1	58.0	57.6	55.4	57.0	73.2
14:00 - 15:00	56.1	57.0	58.0	55.7	56.8	55.9	68.4
Leq(24)*	57.0	59.0	57.6	57.0	57.0	56.7	61.9
Ldn	63.8	65.7	63.5	61.7	61.4	61.2	63.7
Lmax **	82.9	84.0	83.3	88.8	80.4	84.7	95.4
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : * Average time between 15:00-15:00

** Maximum Sound Pressure Level between 15:00-15:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise

MTR-POSCO

Location : Mab Yang Pom Sub-District Health Promoting Hospital				Monitor Period : 14-21 Aug 2025			
SLM Model : Cirrus CR161B				Serial No : G302628			
Site Operator : Mr. Sittichai Sawangwongchai							
Calibrator Model : Cirrus CR:515				Serial No : 94296			
Calibration Ref dB(A) : 94.0				Certified Date : 27 Feb 2025			
SLM Reading / Adjust dB(A) : 93.7/0.0				Expire Date : 25 Feb 2026			
Cal Sheet No.: CR-515-2025-209							
Time	L90 (dB(A))						
	14-15 Aug 2025	15-16 Aug 2025	16-17 Aug 2025	17-18 Aug 2025	18-19 Aug 2025	19-20 Aug 2025	20-21 Aug 2025
15:00 - 16:00	48.8	51.1	50.8	51.7	50.1	50.2	49.7
16:00 - 17:00	48.6	51.4	51.3	52.0	50.7	51.2	49.8
17:00 - 18:00	49.3	54.0	52.7	52.6	52.5	52.5	52.5
18:00 - 19:00	51.5	53.0	52.9	52.9	53.9	51.7	51.7
19:00 - 20:00	51.3	53.1	53.3	52.8	54.6	51.9	52.2
20:00 - 21:00	51.0	53.2	53.3	52.7	55.0	52.8	52.6
21:00 - 22:00	51.7	50.7	50.8	49.7	56.4	48.7	48.9
22:00 - 23:00	48.8	55.9	49.1	46.8	50.8	45.4	45.0
23:00 - 00:00	52.0	50.8	50.0	45.6	46.9	43.4	41.6
00:00 - 01:00	49.0	50.9	48.6	43.3	41.4	40.5	41.1
01:00 - 02:00	48.5	51.3	49.1	42.0	40.6	38.9	38.9
02:00 - 03:00	50.6	51.2	53.1	41.7	39.9	38.5	38.6
03:00 - 04:00	49.1	53.0	49.7	42.5	41.1	40.4	39.0
04:00 - 05:00	49.3	57.2	48.0	43.3	42.3	40.9	41.6
05:00 - 06:00	55.0	52.9	49.3	46.6	48.3	48.3	47.9
06:00 - 07:00	52.0	52.8	51.2	52.4	52.6	51.5	52.1
07:00 - 08:00	50.2	54.4	50.6	54.1	54.4	53.5	54.5
08:00 - 09:00	52.1	54.4	49.1	52.7	53.5	53.0	52.6
09:00 - 10:00	52.7	52.5	49.7	51.2	53.2	51.2	51.0
10:00 - 11:00	50.7	52.0	50.8	51.3	51.3	51.0	49.9
11:00 - 12:00	49.9	51.6	51.6	51.1	50.1	50.4	48.8
12:00 - 13:00	49.6	50.9	51.4	51.1	49.9	49.1	49.9
13:00 - 14:00	48.9	50.6	52.1	50.9	49.8	51.2	50.1
14:00 - 15:00	49.7	50.4	51.9	49.6	50.3	49.3	58.1
L90(avg)*	50.8	52.9	51.1	50.6	51.5	50.0	50.8

Remark : * Average time between 15:00-15:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team

ใบรับรองผลการตรวจวัดคุณภาพน้ำ



บริษัท ซีคอต จำกัด
SECOT CO., LTD.

239 ถนนริมคลองประปา แขวงบางซื่อ เขตบางซื่อ กรุงเทพมหานคร 10800
239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1306/68
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 14/07/2025	SAMPLING TIME	: 10:17
RECEIVED DATE	: 15/07/2025	ANALYTICAL DATE	: 15-22/07/2025
REPORT DATE	: 22/07/2025	SITE OPERATOR	: Mr.Chanapon Oakkharaplon
SAMPLE CONDITION	: Normal	FILE CODE	: 225012_WW_July

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อพักน้ำทิ้งอุตสาหกรรมของโครงการ (Holding Pond)	STANDARD ^{1/}
Temperature	°C	2550 B	< 0.5	36.5	≤ 45
pH	-	4500-H ⁺ B	< 0.10	7.22	5.5-9.0
Conductivity*	µS/cm	2510 B	< 1.0	1,178	-
Total Dissolved Solids	mg/l	2540 C	< 25	924	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	12	≤ 200
BOD ₅	mg/l	5210 B	< 1.0	46.9	≤ 500
COD	mg/l	5220 D	< 40.00	124	≤ 750
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 10
Zinc	mg/l	3120 B	< 0.003	0.85	≤ 5.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED. 2017 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. ๖-239-ก-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๖-239-ก-0004

Remark : 1. Reported analysis refers to submitted sample only.

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3. ^{1/} Notification of the Industrial Estate Authority of Thailand No. 029, B.E.2567 (2024).

4. * Not registered with the Department of Industrial Works.

5. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1306/68
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 14/07/2025	SAMPLING TIME	: 10:17
RECEIVED DATE	: 15/07/2025	ANALYTICAL DATE	: 15-17/07/2025
REPORT DATE	: 22/07/2025	SITE OPERATOR	: Mr.Chanapon Oakkharaplon
SAMPLE CONDITION	: Normal	FILE CODE	: 225012_WW_July

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อพักน้ำทิ้งอุตสาหกรรมของโครงการ (Holding Pond)	STANDARD ^{1/}
Chromium Hexavalent (Cr ⁶⁺)	mg/l	3500-Cr B	< 0.01	ND	≤ 0.25
Chromium Trivalent (Cr ³⁺)	mg/l	3120 B/3500-Cr B,Calculation	< 0.01	ND	≤ 0.75

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED. 2017 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. ๖-239-ก-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๖-239-ก-0004

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3. ^{1/} Notification of the Industrial Estate Authority of Thailand No. 029, B.E.2567 (2024).

4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1487/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 11/08/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 12/08/2025	SAMPLING TIME	: 10:25
ANALYTICAL DATE	: 12-19/08/2025	SITE OPERATOR	: Mr.Tanachot Changlor
REPORT DATE	: 19/08/2025		: 7-239-ก-0020
SAMPLE CONDITION	: ขาวขุ่น มีตะกอน	FILE CODE	: 225012_WW_August

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อพักน้ำทิ้งสุดท้ายของโครงการ (Holding Pond)	STANDARD ^{1/}
Temperature	°C	2550 B	< 0.5	35.7	≤ 45
pH	-	4500-H ⁺ B	< 0.10	7.09	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	786	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	13	≤ 200
BOD ₅	mg/l	5210 B	< 1.0	21.4	≤ 500
COD	mg/l	5220 D	< 40.00	60.48	≤ 750
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 10
Zinc	mg/l	3120 B	< 0.003	0.96	≤ 5.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

Khemchuda Inorn

(Miss Khemchuda Inorn)

Analyst

REG. NO. 7-239-ก-0005

NT

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ก-0004

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4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1487/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 11/08/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 11/08/2025	SAMPLING TIME	: 10:25
ANALYTICAL DATE	: 11/08/2025	SITE OPERATOR	: Mr.Tanachot Changlor
REPORT DATE	: 19/08/2025		: -
SAMPLE CONDITION	: ขาวขุ่น มีตะกอน	FILE CODE	: 225012_WW_August

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อพักน้ำทิ้งสุดท้ายของโครงการ (Holding Pond)	STANDARD
Conductivity	μS/cm	2510 B	< 1.0	1,368	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

Khemchuda Inorn

(Miss Khemchuda Inorn)

Analyst

NT

(Mrs. Araya Tipparuk)

Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

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3. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1487/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 11/08/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 12/08/2025	SAMPLING TIME	: 10:25
ANALYTICAL DATE	: 12-19/08/2025	SITE OPERATOR	: Mr.Tanachot Changlor
REPORT DATE	: 19/08/2025	FILE CODE	: 7-239-9-0020
SAMPLE CONDITION	: ขาวขุ่น มีตะกอน		: 225012_WW_August

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อกักน้ำทิ้งสุดท้ายของโครงการ (Holding Pond)	STANDARD ¹⁾
Chromium Hexavalent (Cr ⁶⁺)	mg/l	3500-Cr B	< 0.01	ND	≤ 0.25
Chromium Trivalent (Cr ³⁺)	mg/l	3120 B/3500-Cr B,Calculation	< 0.01	ND	≤ 0.75

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA APHA WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-9-0005

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-9-0004

- Remark : 1. Reported analysis refers to submitted sample only.
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3. ¹⁾ Notification of the Industrial Estate Authority of Thailand No. 029, B.E.2567 (2024).



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1785/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 19/09/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 20/09/2025	SAMPLING TIME	: 08:27
ANALYTICAL DATE	: 20-26/09/2025	SITE OPERATOR	: Mr.Chanapon Oakkharaplon
REPORT DATE	: 26/09/2025	FILE CODE	: 7-239-9-0026
SAMPLE CONDITION	: ขาวขุ่น		: 225012_WW_September

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อกักน้ำทิ้งสุดท้ายของโครงการ (Holding Pond)	STANDARD ¹⁾
Temperature	°C	2550 B	< 0.5	34.6	≤ 45
pH	-	4500-H ⁺ B	< 0.10	7.05	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	844	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	15	≤ 200
BOD ₅	mg/l	5210 B	< 1.0	28.0	≤ 500
COD	mg/l	5220 D	< 40.00	72.90	≤ 750
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 10
Zinc	mg/l	3120 B	< 0.003	0.51	≤ 5.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA APHA WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-9-0005

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-9-0004

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1785/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 1-239
SAMPLING DATE	: 19/09/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 20/09/2025	SAMPLING TIME	: 08:27
ANALYTICAL DATE	: 20-26/09/2025	SITE OPERATOR	: Mr.Chanapon Oakkharaplon
REPORT DATE	: 26/09/2025	FILE CODE	: 1-239-จ-0026
SAMPLE CONDITION	: ขาวขุ่น	FILE CODE	: 225012_WW_September

PARAMETER	UNIT	ANALYSIS	ND	STATION	STANDARD ¹⁾
		METHODS	(non-detectable)	บ่อพักน้ำทิ้งสุดท้ายของโครงการ (Holding Pond)	
Chromium Hexavalent (Cr ⁶⁺)	mg/l	3500-Cr B	< 0.01	ND	≤ 0.25
Chromium Trivalent (Cr ³⁺)	mg/l	3120 B/3500-Cr B, Calculation	< 0.01	ND	≤ 0.75

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. 1-239-จ-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 1-239-ท-0004

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1785/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 19/09/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 19/09/2025	SAMPLING TIME	: 08:27
ANALYTICAL DATE	: 19/09/2025	SITE OPERATOR	: Mr.Chanapon Oakkharaplon
REPORT DATE	: 26/09/2025	FILE CODE	: -
SAMPLE CONDITION	: ขาวขุ่น	FILE CODE	: 225012_WW_September

PARAMETER	UNIT	ANALYSIS	ND	STATION	STANDARD
		METHODS	(non-detectable)	บ่อพักน้ำทิ้งสุดท้ายของโครงการ (Holding Pond)	
Conductivity	µS/cm	2510 B	< 1.0	1,557	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

(Mrs. Araya Tipparuk)

Technical Management Team

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2059/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 29/10/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 30/10/2025	SAMPLING TIME	: 13:54
ANALYTICAL DATE	: 30/10/2025-06/11/2025	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 06/11/2025		: 7-239-9-0010
SAMPLE CONDITION	: ขาวขุ่น	FILE CODE	: 225012_WW_October

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อกักน้ำทิ้งสุดท้ายของโครงการ (Holding Pond)	STANDARD ^U
Temperature	°C	2550 B	< 0.5	33.6	≤ 45
pH	-	4500-H ⁺ B	< 0.10	7.41	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	750	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	20	≤ 200
BOD ₅	mg/l	5210 B	< 1.0	28.5	≤ 500
COD	mg/l	5220 D	< 40.00	67.50	≤ 750
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 10
Zinc	mg/l	3120 B	< 0.003	0.26	≤ 5.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA APHA WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ก-0005

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ก-0004

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2059/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 29/10/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 29/10/2025	SAMPLING TIME	: 13:54
ANALYTICAL DATE	: 29/10/2025	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 06/11/2025		: -
SAMPLE CONDITION	: ขาวขุ่น	FILE CODE	: 225012_WW_October

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อกักน้ำทิ้งสุดท้ายของโครงการ (Holding Pond)	STANDARD
Conductivity	µS/cm	2510 B	< 1.0	1,338	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA APHA WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2059/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 29/10/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 30/10/2025	SAMPLING TIME	: 13:54
ANALYTICAL DATE	: 30-31/10/2025	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 06/11/2025		: 7-239-ก-0010
SAMPLE CONDITION	: ขาวปูน	FILE CODE	: 225012_WW_October

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อกักน้ำทิ้งสุดท้ายของโครงการ (Holding Pond)	STANDARD ¹⁾
Chromium Hexavalent (Cr ⁶⁺)	mg/l	3500-Cr B	< 0.01	ND	≤ 0.25
Chromium Trivalent (Cr ³⁺)	mg/l	3120 B/3500-Cr B, Calculation	< 0.01	ND	≤ 0.75

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2017 (AWWA, APHA, WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ก-0005

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ก-0004

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2151/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 12/11/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 13/11/2025	SAMPLING TIME	: 09:00
ANALYTICAL DATE	: 13-19/11/2025	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 20/11/2025		: 7-239-ก-0010
SAMPLE CONDITION	: ขาวปูน	FILE CODE	: 225012_WW_November

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อกักน้ำทิ้งสุดท้ายของโครงการ (Holding Pond)	STANDARD ¹⁾
Temperature	°C	2550 B	< 0.5	34.8	≤ 45
pH	-	4500-H ⁺ B	< 0.10	7.07	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	676	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	19	≤ 200
BOD ₅	mg/l	5210 B	< 1.0	17.4	≤ 500
COD	mg/l	5220 D	< 10.00	58.28	≤ 750
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 10
Zinc	mg/l	3120 B	< 0.003	1.06	≤ 5.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2023 (AWWA, APHA, WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ก-0005

Araya Tipparuk

(Mrs. Araya Tipparuk)

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REG. NO. 7-239-ก-0004

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2151/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 2-239
SAMPLING DATE	: 12/11/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 13/11/2025	SAMPLING TIME	: 09:00
ANALYTICAL DATE	: 13/11/2025	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 20/11/2025		: 2-239-ก-0010
SAMPLE CONDITION	: ขาวปูน	FILE CODE	: 225012_WW_November

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อกักน้ำทิ้งสุดท้ายของโครงการ (Holding Pond)	STANDARD ^U
Chromium Hexavalent (Cr ⁶⁺)	mg/l	3500-Cr B	< 0.01	ND	≤ 0.25
Chromium Trivalent (Cr ³⁺)	mg/l	3120 B/3500-Cr B, Calculation	< 0.01	ND	≤ 0.75

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2023 (AWWA APHA WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. 2-239-ก-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 2-239-ก-0004

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2151/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 12/11/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 12/11/2025	SAMPLING TIME	: 09:00
ANALYTICAL DATE	: 12/11/2025	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 20/11/2025		: -
SAMPLE CONDITION	: ขาวปูน	FILE CODE	: 225012_WW_November

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อกักน้ำทิ้งสุดท้ายของโครงการ (Holding Pond)	STANDARD
Conductivity	μS/cm	2510 B	< 1.0	927	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2023 (AWWA APHA WEF)

(Miss Khemchuda Insorn)

Analyst

(Mrs. Araya Tipparuk)

Technical Management Team

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2345/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 08/12/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 09/12/2025	SAMPLING TIME	: 09:36
ANALYTICAL DATE	: 09-17/12/2025	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 17/12/2025	FILE CODE	: 7-239-0-0010
SAMPLE CONDITION	: ขาวขุ่น	FILE CODE	: 225012_WW_December

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ¹⁾
				บ่อพักน้ำทิ้งสุดท้ายของโครงการ (Holding Pond)	
Temperature	°C	2550 B	< 0.5	32.7	≤ 45
pH	-	4500-H ⁺ B	< 0.10	6.79	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	692	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	26	≤ 200
BOD ₅	mg/l	5210 B	< 1.0	18.7	≤ 500
COD	mg/l	5220 D	< 10.00	63.90	≤ 750
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 10
Zinc	mg/l	3120 B	< 0.003	0.91	≤ 5.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (A.WWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-0-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-0-0004

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2345/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 08/12/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 08/12/2025	SAMPLING TIME	: 09:36
ANALYTICAL DATE	: 08/12/2025	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 17/12/2025	FILE CODE	: -
SAMPLE CONDITION	: ขาวขุ่น	FILE CODE	: 225012_WW_December

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD
				บ่อพักน้ำทิ้งสุดท้ายของโครงการ (Holding Pond)	
Conductivity	µS/cm	2510 B	< 1.0	1,267	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (A.WWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

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Technical Management Team

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2345/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 08/12/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 09/12/2025	SAMPLING TIME	: 09:36
ANALYTICAL DATE	: 16/12/68	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 17/12/2025		: 7-239-ก-0010
SAMPLE CONDITION	: ขาวปูน	FILE CODE	: 225012_WW_December

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อพักน้ำทิ้งสุดท้ายของโครงการ (Holding Pond)	STANDARD ^{1/}
Chromium Hexavalent (Cr ⁶⁺)	mg/l	3500-Cr B	< 0.01	ND	≤ 0.25
Chromium Trivalent (Cr ³⁺)	mg/l	3120 B/3500-Cr B, Calculation	< 0.01	ND	≤ 0.75

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2023 (AWWA-APHA-WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ก-0005

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ก-0004

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1306/68
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 14/07/2025	SAMPLING TIME	: 10:32
RECEIVED DATE	: 15/07/2025	ANALYTICAL DATE	: 15-22/07/2025
REPORT DATE	: 22/07/2025	SITE OPERATOR	: Mr.Chanapon Oakkharaplon
SAMPLE CONDITION	: Normal	FILE CODE	: 225012_WW_July

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				จุดระบายน้ำ (Drain) ของระบบ Wet Scrubber 1ห้อง Coater&Oven	STANDARD ^{1/}
pH	-	4500-H ⁺ B	< 0.10	7.99	5.5-9.0
Conductivity*	µS/cm	2510 B	< 1.0	481	-
Total Dissolved Solids	mg/l	2540 C	< 25	220	≤ 3,000

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2017 (AWWA-APHA-WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ก-0005

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ก-0004

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4. * Not registered with the Department of Industrial Works.
5. - Not available.



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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1306/68
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 14/07/2025	SAMPLING TIME	: 10:32
RECEIVED DATE	: 15/07/2025	ANALYTICAL DATE	: 15-17/07/2025
REPORT DATE	: 22/07/2025	SITE OPERATOR	: Mr.Chanapon Oakkharaplon
SAMPLE CONDITION	: Normal	FILE CODE	: 225012_WW_July

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ^U
				จุดระบายน้ำ (Drain) ของระบบ	
				Wet Scrubber ปล่อย Coater&Oven	
Chromium Hexavalent (Cr ⁶⁺)	mg/l	3500-Cr B	< 0.01	ND	≤ 0.25
Chromium Trivalent (Cr ³⁺)	mg/l	3120 B/3500-Cr B,Calculation	< 0.01	ND	≤ 0.75

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED. 2017 (AWWA,APHA, WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ก-0005

Mrs. Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ก-0004

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4. - Not available.



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SECOT CO., LTD.

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website: secot.co.th E-mail: envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1487/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 11/08/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 12/08/2025	SAMPLING TIME	: 10:11
ANALYTICAL DATE	: 12/08/2025	SITE OPERATOR	: Mr.Tanachot Changlor
REPORT DATE	: 19/08/2025		: 7-239-ก-0020
SAMPLE CONDITION	: เหลือผงสี มีตะกอน	FILE CODE	: 225012_WW_August

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ^{1/}
				จุดระบายน้ำ (Drain) ของระบบ	
				Wet Scrubber ปล่อย Coater&Oven	
pH	-	4500-H ⁺ B	< 0.10	8.37	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	350	≤ 3,000

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED. 2017 (AWWA,APHA, WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ก-0005

Mrs. Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ก-0004

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website: secot.co.th E-mail: envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1487/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 11/08/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 11/08/2025	SAMPLING TIME	: 10:11
ANALYTICAL DATE	: 11/08/2025	SITE OPERATOR	: Mr.Tanachot Changlor
REPORT DATE	: 19/08/2025		: -
SAMPLE CONDITION	: เหลือผงสี มีตะกอน	FILE CODE	: 225012_WW_August

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD
				จุดระบายน้ำ (Drain) ของระบบ Wet Scrubber ปล่อง Coater&Oven	
Conductivity	µS/cm	2510 B	< 1.0	582	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED. 2017 (AWWA APHA WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website: secot.co.th E-mail: envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1487/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 11/08/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 12/08/2025	SAMPLING TIME	: 10:11
ANALYTICAL DATE	: 12/08/2025	SITE OPERATOR	: Mr.Tanachot Changlor
REPORT DATE	: 19/08/2025		: 7-239-9-0020
SAMPLE CONDITION	: เหลือผงสี มีตะกอน	FILE CODE	: 225012_WW_August

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ^U
				จุดระบายน้ำ (Drain) ของระบบ Wet Scrubber ปล่อง Coater&Oven	
Chromium Hexavalent (Cr ⁶⁺)	mg/l	3500-Cr B	< 0.01	ND	≤ 0.25
Chromium Trivalent (Cr ³⁺)	mg/l	3120 B/3500-Cr B, Calculation	< 0.01	ND	≤ 0.75

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED. 2017 (AWWA APHA WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ก-0005

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ก-0004

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1785/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 19/09/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 20/09/2025	SAMPLING TIME	: 08:41
ANALYTICAL DATE	: 20/09/2025	SITE OPERATOR	: Mr.Chanapon Oakkharaplon
REPORT DATE	: 26/09/2025		: 7-239-ท-0026
SAMPLE CONDITION	: เหลือingใส	FILE CODE	: 225012_WW_September

PARAMETER	UNIT	ANALYSIS	ND	STATION	
		METHODS	(non-detectable)	จุดระบายน้ำ (Drain) ของระบบ	STANDARD ^{1/}
				Wet Scrubber ปัดong Coater&Oven	
pH	-	4500-H ⁺ B	< 0.10	8.20	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	552	≤ 3,000

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ท-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ท-0004

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1785/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 19/09/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 20/09/2025	SAMPLING TIME	: 08:41
ANALYTICAL DATE	: 20/09/2025	SITE OPERATOR	: Mr.Chanapon Oakkharaplon
REPORT DATE	: 26/09/2025		: 7-239-ท-0026
SAMPLE CONDITION	: เหลือingใส	FILE CODE	: 225012_WW_September

PARAMETER	UNIT	ANALYSIS	ND	STATION	
		METHODS	(non-detectable)	จุดระบายน้ำ (Drain) ของระบบ	STANDARD ^{1/}
				Wet Scrubber ปัดong Coater&Oven	
Chromium Hexavalent (Cr ⁶⁺)	mg/l	3500-Cr B	< 0.01	ND	≤ 0.25
Chromium Trivalent (Cr ³⁺)	mg/l	3120 B/3500-Cr B,Calculation	< 0.01	ND	≤ 0.75

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ท-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ท-0004

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND

TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1785/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 19/09/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 19/09/2025	SAMPLING TIME	: 08:41
ANALYTICAL DATE	: 19/09/2025	SITE OPERATOR	: Mr.Chanapon Oakkharaplon
REPORT DATE	: 26/09/2025		: -
SAMPLE CONDITION	: เหลือใส	FILE CODE	: 225012_WW_September

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				จุดระบายน้ำ (Drain) ของระบบ Wet Scrubber ปัดอง Coater&Oven	STANDARD
Conductivity	µS/cm	2510 B	< 1.0	690	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED. 2017 (AWWA, APHA, WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

NT

(Mrs. Araya Tipparuk)

Technical Management Team

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND

TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2059/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 29/10/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 30/10/2025	SAMPLING TIME	: 13:39
ANALYTICAL DATE	: 30/10/2025	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 06/11/2025		: 7-239-ก-0010
SAMPLE CONDITION	: เหลือใส	FILE CODE	: 225012_WW_October

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				จุดระบายน้ำ (Drain) ของระบบ Wet Scrubber ปัดอง Coater&Oven	STANDARD ^{1/}
pH	-	4500-H ⁺ B	< 0.10	8.93	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	117	≤ 3,000

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED. 2017 (AWWA, APHA, WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ก-0005

NT

(Mrs. Araya Tipparuk)

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REG. NO. 7-239-ก-0004

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2059/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 29/10/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 29/10/2025	SAMPLING TIME	: 13:39
ANALYTICAL DATE	: 29/10/2025	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 06/11/2025		: -
SAMPLE CONDITION	: เหล็กกล้า	FILE CODE	: 225012_WW_October

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION จุดระบายน้ำ (Drain) ของระบบ Wet Scrubber ปล่อง Coater&Oven	STANDARD
Conductivity	µS/cm	2510 B	< 1.0	420	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED, 2017 (AWWA, APHA, WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2059/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 2-239
SAMPLING DATE	: 29/10/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 30/10/2025	SAMPLING TIME	: 13:39
ANALYTICAL DATE	: 30-31/10/2025	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 06/11/2025		: 2-239-ก-0010
SAMPLE CONDITION	: เหล็กกล้า	FILE CODE	: 225012_WW_October

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION จุดระบายน้ำ (Drain) ของระบบ Wet Scrubber ปล่อง Coater&Oven	STANDARD ¹⁾
Chromium Hexavalent (Cr ⁶⁺)	mg/l	3500-Cr B	< 0.01	ND	≤ 0.25
Chromium Trivalent (Cr ³⁺)	mg/l	3120 B/3500-Cr B, Calculation	< 0.01	ND	≤ 0.75

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED, 2017 (AWWA, APHA, WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

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Araya Tipparuk

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2151/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 2-239
SAMPLING DATE	: 12/11/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 13/11/2025	SAMPLING TIME	: 08:37
ANALYTICAL DATE	: 13/11/2025	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 20/11/2025		: 2-239-ก-0010
SAMPLE CONDITION	: เหล็กไอซีทีคอนกรีต	FILE CODE	: 225012_WW_November

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				จุดระบายน้ำ (Drain) ของระบบ Wet Scrubber ปล่อง Coater&Oven	STANDARD ^{1/}
pH	-	4500-H ⁺ B	< 0.10	7.95	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	298	≤ 3,000

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2023 (AWWA-APHA-WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 2-239-ก-0005

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 2-239-ก-0004

- Remark : 1. Reported analysis refers to submitted sample only.
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3. ^{1/} Notification of the Industrial Estate Authority of Thailand No. 029, B.E.2567 (2024).



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2151/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 2-239
SAMPLING DATE	: 12/11/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 13/11/2025	SAMPLING TIME	: 08:37
ANALYTICAL DATE	: 30-31/10/2025	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 20/11/2025		: 2-239-ก-0010
SAMPLE CONDITION	: เหล็กไอซีทีคอนกรีต	FILE CODE	: 225012_WW_November

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				จุดระบายน้ำ (Drain) ของระบบ Wet Scrubber ปล่อง Coater&Oven	STANDARD ^{1/}
Chromium Hexavalent (Cr ⁶⁺)	mg/l	3500-Cr B	< 0.01	ND	≤ 0.25
Chromium Trivalent (Cr ³⁺)	mg/l	3120 B/3500-Cr B, Calculation	< 0.01	ND	≤ 0.75

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2023 (AWWA-APHA-WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 2-239-ก-0005

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 2-239-ก-0004

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2151/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 12/11/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 12/11/2025	SAMPLING TIME	: 08:37
ANALYTICAL DATE	: 12/11/2025	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 20/11/2025		: -
SAMPLE CONDITION	: เหลืองใสมีตะกอน	FILE CODE	: 225012_WW_November

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				จุดระบายน้ำ (Drain) ของระบบ Wet Scrubber ปล่อง Coater&Oven	STANDARD
Conductivity	µS/cm	2510 B	< 1.0	483	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED., 2023 (AWWA, APHA, WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 2345/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 08/12/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 09/12/2025	SAMPLING TIME	: 09:52
ANALYTICAL DATE	: 08,10-11/12/2025	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 17/12/2025		: 7-239-ท-0010
SAMPLE CONDITION	: เหลืองใสมีตะกอน	FILE CODE	: 225012_WW_December

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				จุดระบายน้ำ (Drain) ของระบบ Wet Scrubber ปล่อง Coater&Oven	STANDARD ¹⁾
pH	-	4500-H ⁺ B	< 0.10	8.74	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	234	≤ 3,000

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED., 2023 (AWWA, APHA, WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ท-0005

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ท-0004

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME : Posco Coated Steel (Thailand) Co., Ltd. REQUEST SERVICE No. : 2345/68
SAMPLING BY : SECOT Co., Ltd. REGISTRATION No. : -
SAMPLING DATE : 08/12/2025 SAMPLING METHOD : Grab
RECEIVED DATE : 08/12/2025 SAMPLING TIME : 09:52
ANALYTICAL DATE : 08/12/2025 SITE OPERATOR : Mr. Siwanon Kulwong
REPORT DATE : 17/12/2025
SAMPLE CONDITION : เหล็กสีมีตะกอน FILE CODE : 225012_WW_December

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD
				จุดระบายน้ำ (Drain) ของระบบ	
				Wet Scrubber ปล่อง Coater&Oven	
Conductivity	µS/cm	2510 B	< 1.0	526	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2023 (AWWA-APHA-WEF)

(Miss Khemchuda Insorn)

Analyst

(Mrs. Araya Tipparuk)

Technical Management Team

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME : Posco Coated Steel (Thailand) Co., Ltd. REQUEST SERVICE No. : 2345/68
SAMPLING BY : SECOT Co., Ltd. REGISTRATION No. : 7-239
SAMPLING DATE : 08/12/2025 SAMPLING METHOD : Grab
RECEIVED DATE : 09/12/2025 SAMPLING TIME : 09:52
ANALYTICAL DATE : 09-17/12/2025 SITE OPERATOR : Mr. Siwanon Kulwong
REPORT DATE : 17/12/2025
SAMPLE CONDITION : เหล็กสีมีตะกอน FILE CODE : 225012_WW_December

PARAMETER	UNIT	ANALYSIS	ND	STATION	
		METHODS	(non-detectable)	จุดระบายน้ำ (Drain) ของระบบ	
				Wet Scrubber ปล่อง Coater&Oven	
Chromium Hexavalent (Cr ⁶⁺)	mg/l	3500-Cr B	< 0.01	ND	≤ 0.25
Chromium Trivalent (Cr ³⁺)	mg/l	3120 B/3500-Cr B,Calculation	< 0.01	ND	≤ 0.75

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2023 (AWWA-APHA-WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ก-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ก-0004

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ใบรับรองผลการตรวจวัดคุณภาพน้ำใต้ดิน



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GROUND WATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1786/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 2-239
SAMPLING DATE	: 19/09/2025	SAMPLING METHOD	: Pneumatic Bladder Pump
RECEIVED DATE	: 20/09/2025	SAMPLING TIME	: 09:02
ANALYTICAL DATE	: 19,20-26/09/2025	SITE OPERATOR	: Mr.Chanapon Oakkharaplon
REPORT DATE	: 26/09/2025		: 2-239-0-0026
SAMPLE CONDITION	: เหล็องใส่	FILE CODE	: 225012_GW_September

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION GW 1	STANDARD ^{1/}
pH	-	4500-H ⁺ B	< 0.10	6.24	-
Arsenic (As)	mg/l	3114 C	< 0.0001	0.0121	≤ 0.1
Total Chromium (T-Cr)	mg/l	3120 B	< 0.001	< 0.01	≤ 6.0
Copper (Cu)	mg/l	3120 B	< 0.001	< 0.02	-
Lead (Pb)	mg/l	3120 B	< 0.008	< 0.03	≤ 4.0
Mercury (Hg)	mg/l	3112 B	< 0.0001	ND	≤ 0.7
Nickel (Ni)	mg/l	3120 B	< 0.002	ND	≤ 5.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. 2-239-0-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 2-239-0-0004

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3. ^{1/} Notification of the Ministry of Industry, B.E.2559 (2016) : Criteria on contamination in soil and groundwater, the examination of soil and groundwater quality, information including making the report of the result of soil and groundwater quality examination.

4. - Not available.



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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
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GROUND WATER ANALYSIS REPORT

CLIENT NAME	: Posco Coated Steel (Thailand) Co., Ltd.	REQUEST SERVICE No.	: 1786/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 19/09/2025	SAMPLING METHOD	: Pneumatic Bladder Pump
RECEIVED DATE	: 20/09/2025	SAMPLING TIME	: 09:02
ANALYTICAL DATE	: 19,20-26/09/2025	SITE OPERATOR	: Mr.Chanapon Oakkharaplon
REPORT DATE	: 26/09/2025		: -
SAMPLE CONDITION	: เหล็องใส่	FILE CODE	: 225012_GW_September

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION GW 1	STANDARD
Temperature	°C	2550 B	< 0.5	28.8	-
Total Dissolved Solids	mg/l	2540 C	< 25	216	-
Total Suspended Solids	mg/l	2540 D	< 2.5	100	-
Total Coliform Bacteria	MPN/100 ml	9221 B	< 1.8	230	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

(Mrs. Araya Tipparuk)

Technical Management Team

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GROUND WATER ANALYSIS REPORT

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SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 2-239
SAMPLING DATE	: 19/09/2025	SAMPLING METHOD	: Pneumatic Bladder Pump
RECEIVED DATE	: 20/09/2025	SAMPLING TIME	: 09:23
ANALYTICAL DATE	: 19.20-26/09/2025	SITE OPERATOR	: Mr.Chanapon Oakkharaplon
REPORT DATE	: 26/09/2025		: 2-239-9-0026
SAMPLE CONDITION	: โส มีตะกอน	FILE CODE	: 225012_GW_September

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION GW 2	STANDARD ^{1/}
pH	-	4500-H ⁺ B	< 0.10	6.31	-
Arsenic (As)	mg/l	3114 C	< 0.0001	0.0062	≤ 0.1
Total Chromium (T-Cr)	mg/l	3120 B	< 0.001	< 0.01	≤ 6.0
Copper (Cu)	mg/l	3120 B	< 0.001	ND	-
Lead (Pb)	mg/l	3120 B	< 0.008	ND	≤ 4.0
Mercury (Hg)	mg/l	3112 B	< 0.0001	ND	≤ 0.7
Nickel (Ni)	mg/l	3120 B	< 0.002	ND	≤ 5.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA APHA WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 2-239-ก-0005

Mrs. Araya Tipparuk

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Technical Management Team

REG. NO. 2-239-ก-0004

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RECEIVED DATE	: 20/09/2025	SAMPLING TIME	: 09:23
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REPORT DATE	: 26/09/2025		: -
SAMPLE CONDITION	: โส มีตะกอน	FILE CODE	: 225012_GW_September

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION GW 2	STANDARD ^{1/}
Temperature	°C	2550 B	< 0.5	29.0	-
Total Dissolved Solids	mg/l	2540 C	< 25	250	-
Total Suspended Solids	mg/l	2540 D	< 2.5	17	-
Total Coliform Bacteria	MPN/100 ml	9221 B	< 1.8	490	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA APHA WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

Mrs. Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

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บริษัท ซีคอต จำกัด
SECOT CO., LTD.

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

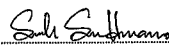
HEAT STRESS MEASUREMENT REPORT

CLIENT NAME : POSCO Coated Steel (Thailand) Co., Ltd. REFERENCE NO. : 225012-WBGT-2510-0080
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : WBGT Meter
MEASUREMENT DATE : 21/10/2025 MODEL NO. : JT2011-E2A SERIAL NO. : 3522210177
MEASUREMENT LOCATION : Process Area SITE OPERATION : Miss Wiraya Patchimboon

LOCATION	TIME	MEASURED TEMPERATURE (°C)					STANDARD (°C) *
		NWB	DB	GT	WBGT	WBGT _{Avg}	
Annealing Furnace	10.00-10.30	30.1	37.5	40.3	33.2	33.6	34.0
	10.30-11.00	30.3	38.0	40.8	33.5		
	11.00-11.30	30.3	38.8	41.6	33.7		
	11.30-12.00	30.5	39.2	41.9	33.9		


(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

Technical Management Team

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3. * WBGT Standard was notified by the Ministerial Regulations of Labour, B.E.2559 (2016).

4. NWB = Natural Wet Bulb Temperature

DB = Dry Bulb Temperature

GT = Globe Temperature

WBGT = Wet Bulb Globe Temperature

5. Work Load : Light work load = 34.0 °C, Moderate work load = 32.0 °C and Heavy work load = 30.0 °C



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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

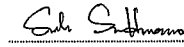
HEAT STRESS MEASUREMENT REPORT

CLIENT NAME : POSCO Coated Steel (Thailand) Co., Ltd. REFERENCE NO. : 225012-WBGT-2510-0080
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : WBGT Meter
MEASUREMENT DATE : 21/10/2025 MODEL NO. : JT2011-E2A SERIAL NO. : 3522210179
MEASUREMENT LOCATION : Process Area SITE OPERATION : Miss Wiraya Patchimboon

LOCATION	TIME	MEASURED TEMPERATURE (°C)					STANDARD (°C) *
		NWB	DB	GT	WBGT	WBGT _{Avg}	
Galvannealing Furnace	10.00-10.30	31.3	35.1	35.5	32.6	33.1	34.0
	10.30-11.00	31.9	36.0	36.4	33.3		
	11.00-11.30	31.7	36.3	36.9	33.3		
	11.30-12.00	31.7	36.4	36.7	33.2		


(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

Technical Management Team

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3. * WBGT Standard was notified by the Ministerial Regulations of Labour, B.E.2559 (2016).

4. NWB = Natural Wet Bulb Temperature

DB = Dry Bulb Temperature

GT = Globe Temperature

WBGT = Wet Bulb Globe Temperature

5. Work Load : Light work load = 34.0 °C, Moderate work load = 32.0 °C and Heavy work load = 30.0 °C



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TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

HEAT STRESS MEASUREMENT REPORT

CLIENT NAME : POSCO Coated Steel (Thailand) Co., Ltd. REFERENCE NO. : 225012-WBGT-2510-0080

MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : WBGT Meter

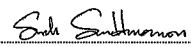
MEASUREMENT DATE : 21/10/2025 MODEL NO. : JT2011-E2A SERIAL NO. : 3522210176

MEASUREMENT LOCATION : Process Area SITE OPERATION : Miss Wiraya Patchimboon

LOCATION	TIME	MEASURED TEMPERATURE (°C)					STANDARD (°C) *
		NWB	DB	GT	WBGT	WBGT _{Avg}	
Coater&Oven	10.00-10.30	27.2	33.3	33.5	29.1	29.5	34.0
	10.30-11.00	27.3	33.8	34.0	29.3		
	11.00-11.30	27.7	34.5	34.7	29.8		
	11.30-12.00	27.7	34.9	35.0	29.9		


(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

Technical Management Team

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GT = Globe Temperature

WBGT = Wet Bulb Globe Temperature

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HEAT STRESS MEASUREMENT REPORT

CLIENT NAME : POSCO Coated Steel (Thailand) Co., Ltd. REFERENCE NO. : 225012-WBGT-2510-0080

MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : WBGT Meter

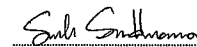
MEASUREMENT DATE : 21/10/2025 MODEL NO. : JT2011-E2A SERIAL NO. : 3522210173

MEASUREMENT LOCATION : Process Area SITE OPERATION : Miss Wiraya Patchimboon

LOCATION	TIME	MEASURED TEMPERATURE (°C)					STANDARD (°C) *
		NWB	DB	GT	WBGT	WBGT _{Avg}	
Boiler	10.00-10.30	28.6	37.1	37.9	31.4	31.5	34.0
	10.30-11.00	28.4	36.9	37.5	31.2		
	11.00-11.30	28.7	37.3	37.9	31.4		
	11.30-12.00	28.8	37.9	38.6	31.8		


(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

Technical Management Team

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GT = Globe Temperature

WBGT = Wet Bulb Globe Temperature

5. Work Load : Light work load = 34.0 °C, Moderate work load = 32.0 °C and Heavy work load = 30.0 °C



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TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

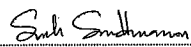
HEAT STRESS MEASUREMENT REPORT

CLIENT NAME : POSCO Coated Steel (Thailand) Co., Ltd. REFERENCE NO. : 225012-WBGT-2510-0080
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : WBGT Meter
MEASUREMENT DATE : 21/10/2025 MODEL NO. : JT2011-E2A SERIAL NO. : 3522210174
MEASUREMENT LOCATION : Process Area SITE OPERATION : Miss Wiraya Patchimboon

LOCATION	TIME	MEASURED TEMPERATURE (°C)					STANDARD (°C) *
		NWB	DB	GT	WBGT	WBGT _{Avg}	WBGT
Chromium Plating	10.00-10.30	30.6	34.2	34.5	31.8	32.1	34.0
	10.30-11.00	30.8	34.5	34.7	32.0		
	11.00-11.30	31.1	34.9	35.1	32.3		
	11.30-12.00	31.2	35.1	35.3	32.4		


(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

Technical Management Team

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DB = Dry Bulb Temperature

GT = Globe Temperature

WBGT = Wet Bulb Globe Temperature

5. Work Load : Light work load = 34.0 °C, Moderate work load = 32.0 °C and Heavy work load = 30.0 °C

ใบรับรองผลการตรวจวัดคุณภาพอากาศในสถานประกอบการ



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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 2044/68
For	: Posco Coated Steel (Thailand) Co., Ltd.	Sampling Date	: 21/10/2025
Address	: 7/448 Amata City Industrial Estate, Map Yang Porn Subdistrict Pluak Dang District Rayong	Received Date	: 27/10/2025
Tel/Fax	: 038 -6272421	Test Date	: 30/10/2025
		Report Date	: 04/11/2025

SAMPLE DESCRIPTION / SAMPLING INFORMATION

Sample Designated As	: Workplace Air	Sampling Method	: Filtration
Sampling By	: SECOT Co., Ltd.	Sample Condition	: Normal

Sampling Location	Sampling Date/Time	Compound	Analytical Method	ND mg/m ³	RESULT mg/m ³	STANDARD mg/m ³
Annealing furnae	21/10/2025 09:00-11:00	Total dust	NIOSH 0500 /Microbalance	< 0.25	ND	15
	21/10/2025 09:00-11:00	Respirable dust	NIOSH 0600 /Microbalance	< 0.25	ND	5
Raw Material Area	21/10/2025 09:15-11:15	Total dust	NIOSH 0500 /Microbalance	< 0.25	ND	15
	21/10/2025 09:15-11:15	Respirable dust	NIOSH 0600 /Microbalance	< 0.25	ND	5

Analyst By : Bongpa Budthum
(Miss Pornnapa Budthum)

Approved By : Maia Poowanapetch
(Miss Narisa Poowanapetch)
Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.
3. Notification of the Occupational Safety and Health Administration (OSHA).
4. ND = non-detectable.



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TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 2044/68
For	: Posco Coated Steel (Thailand) Co., Ltd.	Sampling Date	: 21/10/2025
Address	: 7/448 Amata City Industrial Estate, Map Yang Porn Subdistrict Pluak Dang District Rayong	Received Date	: 27/10/2025
Tel/Fax	: 038 -6272421	Test Date	: 29/10/2025
		Report Date	: 04/11/2025

SAMPLE DESCRIPTION / SAMPLING INFORMATION

Sample Designated As	: Workplace Air	Sampling Method	: Filtration
Sampling By	: SECOT Co., Ltd.	Sample Condition	: Normal

Sampling Location	Sampling Date/Time	Compound	Analytical Method	ND mg/m ³	RESULT mg/m ³	STANDARD mg/m ³
Zn Pot Area	21/10/2025 09:00-13:00	Zinc oxide fume	OSHA ID 121/AAS	< 0.002	ND	5

Analyst By : (Mrs. Araya Tipparuk)

Approved By : Maia Poowanapetch
(Miss Narisa Poowanapetch)
Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.
3. Notification of the Department of Labour Protection and Welfare, B.E.2560 (2017).
5. ND = non-detectable.



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ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 2044/68
For	: Posco Coated Steel (Thailand) Co., Ltd.	Sampling Date	: 21/10/2025
Address	: 7/448 Amata City Industrial Estate, Map Yang Pom Subdistrict Phuak Dang District Rayong	Received Date	: 27/10/2025
Tel/Fax	: 038 -6272421	Test Date	: 29/10/2025
		Report Date	: 04/11/2025

SAMPLE DESCRIPTION / SAMPLING INFORMATION

Sample Designated As	: Workplace Air	Sampling Method	: Filtration
Sampling By	: SECOT Co., Ltd.	Sample Condition	: Normal

Sampling Location	Sampling Date/Time	Compound	Analytical Method	ND mg/m ³	RESULT mg/m ³	STANDARD mg/m ³
Chromium Plating	21/10/2025 10:30-14:30	Chromium fume	NIOSH 7024/AAS	<0.002	ND	0.5
Cooter&Oven	21/10/2025 09:30-13:30	Chromium fume	NIOSH 7024/AAS	<0.002	ND	0.5

Analyst By : 
(Mrs. Araya Tipparuk)

Approved By : 
(Miss Narisa Poowasanpetch)
Technical Management Team

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3. TLV-TWA of American Conference of Governmental Industrial Hygienists (ACGIH).
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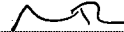
ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 2044/68
For	: Posco Coated Steel (Thailand) Co., Ltd.	Sampling Date	: 21/10/2025
Address	: 7/448 Amata City Industrial Estate, Map Yang Pom Subdistrict Phuak Dang District Rayong	Received Date	: 27/10/2025
Tel/Fax	: 038 -6272421	Test Date	: 29/10/2025
		Report Date	: 04/11/2025

SAMPLE DESCRIPTION / SAMPLING INFORMATION

Sample Designated As	: Workplace Air	Sampling Method	: Filtration
Sampling By	: SECOT Co., Ltd.	Sample Condition	: Normal

Sampling Location	Sampling Date/Time	Compound	Analytical Method	ND mg/m ³	RESULT mg/m ³	STANDARD mg/m ³
Chromium Plating	21/10/2025 10:30-14:30	Sodium hydroxide	OSHA ID 121/AAS	<0.004	ND	2

Analyst By : 
(Mrs. Araya Tipparuk)

Approved By : 
(Miss Narisa Poowasanpetch)
Technical Management Team

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TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 2044/68
For	: Posco Coated Steel (Thailand) Co., Ltd.	Sampling Date	: 21/10/2025
Address	: 7/448 Amata City Industrial Estate, Map Yang Pom Subdistrict Pluak Dang District Rayong	Received Date	: 27/10/2025
		Test Date	: 01/11/2025
Tel/Fax	: 038-6272421	Report Date	: 04/11/2025

SAMPLE DESCRIPTION / SAMPLING INFORMATION

Sample Designated As	: Workplace Air	Sampling Method	: Filtration
Sampling By	: SECOT Co., Ltd.	Sample Condition	: Normal

Sampling Location	Sampling Date/Time	Compound	Analytical Method	ND	RESULT	STANDARD
				mg/m ³	mg/m ³	mg/m ³
Chromium Plating	21/10/2025 10:30-14:30	Sulfuric acid	NIOSH 7908/IC	< 0.002	ND	1

Analyst By : Bongpa puthum
(Miss Pornnapa Budthum)

Approved By : Narisa Poowasanpeth
(Miss Narisa Poowasanpeth)
Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

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4. ND = non-detectable.

ใบรับรองผลการตรวจวัดระดับเสียงในสถานที่ทำงาน



Noise Monitoring Result : Working Noise MTR-POSCO

Location : Annealing Furnace	Monitor Period : Oct 22, 2025
SLM Model : SCARLET ST-21D	Serial No : 820724
Site Operator : Mr.Chanapon Oakkharaplon	

Calibrator Model : Cirrus CR:515	Serial No : 94296
Calibration Ref dB(A) : 94.0	Certified Date : Feb 27 2025
SLM Reading / Adjust dB(A) : 93.8/0.0	Expire Date : Feb 25 2026
Cal Sheet No.: CR-515-2025-275	

Time	Equivalent Sound Pressure Level (dB(A))
	Oct 22, 2025
00:00 - 01:00	
01:00 - 02:00	
02:00 - 03:00	
03:00 - 04:00	
04:00 - 05:00	
05:00 - 06:00	
06:00 - 07:00	
07:00 - 08:00	
08:00 - 09:00	84.4
09:00 - 10:00	84.1
10:00 - 11:00	84.0
11:00 - 12:00	84.8
12:00 - 13:00	84.6
13:00 - 14:00	84.5
14:00 - 15:00	84.6
15:00 - 16:00	84.1
16:00 - 17:00	
17:00 - 18:00	
18:00 - 19:00	
19:00 - 20:00	
20:00 - 21:00	
21:00 - 22:00	
22:00 - 23:00	
23:00 - 24:00	

Leq(8)*	84.4
Lmax **	96.1

Standard-8Hr	85 dB(A)
Standard-Max	115 dB(A)

Remark : * Average time between 08:00-16:00
 ** Maximum Sound Pressure Level between 08:00-16:00

(Miss Katesarin Vorradetwittaya)
 Environmental Scientist

(Miss Sununta Sirawuttinanon)
 Technical Management Team



Noise Monitoring Result : Working Noise MTR-POSCO

Location : Air Knives	Monitor Period : Oct 22, 2025
SLM Model : SCARLET ST-21D	Serial No : 821082
Site Operator : Mr.Chanapon Oakkharaplon	

Calibrator Model : Cirrus CR:515	Serial No : 94296
Calibration Ref dB(A) : 94.0	Certified Date : Feb 27 2025
SLM Reading / Adjust dB(A) : 93.8/0.0	Expire Date : Feb 25 2026
Cal Sheet No.: CR-515-2025-275	

Time	Equivalent Sound Pressure Level (dB(A))
	Oct 22, 2025
00:00 - 01:00	
01:00 - 02:00	
02:00 - 03:00	
03:00 - 04:00	
04:00 - 05:00	
05:00 - 06:00	
06:00 - 07:00	
07:00 - 08:00	
08:00 - 09:00	97.2
09:00 - 10:00	92.7
10:00 - 11:00	92.8
11:00 - 12:00	92.8
12:00 - 13:00	92.9
13:00 - 14:00	93.3
14:00 - 15:00	93.0
15:00 - 16:00	93.2
16:00 - 17:00	
17:00 - 18:00	
18:00 - 19:00	
19:00 - 20:00	
20:00 - 21:00	
21:00 - 22:00	
22:00 - 23:00	
23:00 - 24:00	

Leq(8)*	93.8
Lmax **	106.4

Standard-8Hr	85 dB(A)
Standard-Max	115 dB(A)

Remark : * Average time between 08:00-16:00
 ** Maximum Sound Pressure Level between 08:00-16:00

(Miss Katesarin Vorradetwittaya)
 Environmental Scientist

(Miss Sununta Sirawuttinanon)
 Technical Management Team



Noise Monitoring Result : Working Noise MTR-POSCO

Location : Skin Pass Mill Monitor Period : Oct 22, 2025
SLM Model : SCARLET ST-21D Serial No : 821081
Site Operator : Mr.Chanapon Oakkharaplon

Calibrator Model : Cirrus CR:515 Serial No : 94296
Calibration Ref dB(A) : 94.0 Certified Date : Feb 27 2025
SLM Reading / Adjust dB(A) : 93.8/0.0 Expire Date : Feb 25 2026
Cal Sheet No.: CR-515-2025-275

Time	Equivalent Sound Pressure Level (dB(A))	
	Oct 22, 2025	
00:00 - 01:00		
01:00 - 02:00		
02:00 - 03:00		
03:00 - 04:00		
04:00 - 05:00		
05:00 - 06:00		
06:00 - 07:00		
07:00 - 08:00		
08:00 - 09:00	82.9	
09:00 - 10:00	82.7	
10:00 - 11:00	82.6	
11:00 - 12:00	82.6	
12:00 - 13:00	82.4	
13:00 - 14:00	82.7	
14:00 - 15:00	82.6	
15:00 - 16:00	82.5	
16:00 - 17:00		
17:00 - 18:00		
18:00 - 19:00		
19:00 - 20:00		
20:00 - 21:00		
21:00 - 22:00		
22:00 - 23:00		
23:00 - 24:00		
Leq(8)*	82.6	
Lmax **	96.2	
Standard-8Hr	85 dB(A)	
Standard-Max	115 dB(A)	

Remark : * Average time between 08:00-16:00
** Maximum Sound Pressure Level between 08:00-16:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise MTR-POSCO

Location : Trimmer Monitor Period : Oct 22, 2025
SLM Model : SCARLET ST-21D Serial No : 820725
Site Operator : Mr.Chanapon Oakkharaplon

Calibrator Model : Cirrus CR:515 Serial No : 94296
Calibration Ref dB(A) : 94.0 Certified Date : Feb 27 2025
SLM Reading / Adjust dB(A) : 93.8/0.0 Expire Date : Feb 25 2026
Cal Sheet No.: CR-515-2025-275

Time	Equivalent Sound Pressure Level (dB(A))	
	Oct 22, 2025	
00:00 - 01:00		
01:00 - 02:00		
02:00 - 03:00		
03:00 - 04:00		
04:00 - 05:00		
05:00 - 06:00		
06:00 - 07:00		
07:00 - 08:00		
08:00 - 09:00	77.3	
09:00 - 10:00	75.0	
10:00 - 11:00	75.3	
11:00 - 12:00	77.9	
12:00 - 13:00	75.6	
13:00 - 14:00	77.4	
14:00 - 15:00	77.0	
15:00 - 16:00	77.8	
16:00 - 17:00		
17:00 - 18:00		
18:00 - 19:00		
19:00 - 20:00		
20:00 - 21:00		
21:00 - 22:00		
22:00 - 23:00		
23:00 - 24:00		
Leq(8)*	76.8	
Lmax **	99.2	
Standard-8Hr	85 dB(A)	
Standard-Max	115 dB(A)	

Remark : * Average time between 08:00-16:00
** Maximum Sound Pressure Level between 08:00-16:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Sununta Sirawuttinanon)
Technical Management Team



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TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

NOISE MEASUREMENT REPORT : NOISE DOSE

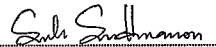
CLIENT NAME : POSCO Coated Steel (Thailand) Co., Ltd. REFERENCE NO. : 225012-TWA-2511-0211
MEASUREMENT BY : SECOT Co., Ltd. MEASUREMENT DATE : 12/11/2025
OPERATOR : Miss Wiraya Patchimboon INSTRUMENT : Dosimeter
INSTRUMENT MODEL : Cirrus CR110A INSTRUMENT SERIAL NO. : CB1050

CALIBRATOR MODEL : Cirrus RC110A CALIBRATOR SERIAL NO. : 95167
CALIBRATION REF. : 1,000 Hz, 114 dB CALIBRATION DATE : 21/02/2025
READING / ADJUST : 113.7/0.3 EXPIRE DATE : 20/02/2026
CAL SHEET NO. : NC-CIRRUS-2025-217

LOCATION	TIME	%DOSE	SOUND PRESSURE LEVEL (dBA)	
			TWA (8 hr)	STANDARD*
Operator Annealing Furnace	08.23-16.23	4.6	71.7	85.0


(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

Technical Management Team

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 3. * Notification of the Department of Labour Protection and Welfare, B.E.2561 (2018).
 4. TWA means Time Weighted Average.



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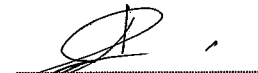
239 ถนนริมคลองประปา แขวงบางซื่อ เขตบางซื่อ กรุงเทพฯ 10800
239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

NOISE MEASUREMENT REPORT : NOISE DOSE

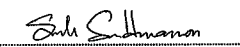
CLIENT NAME : POSCO Coated Steel (Thailand) Co., Ltd. REFERENCE NO. : 225012-TWA-2510-0083
MEASUREMENT BY : SECOT Co., Ltd. MEASUREMENT DATE : 22/10/2025
OPERATOR : Miss Wiraya Patchimboon INSTRUMENT : Dosimeter
INSTRUMENT MODEL : Cirrus CR110A INSTRUMENT SERIAL NO. : CB1025

CALIBRATOR MODEL : Cirrus RC110A CALIBRATOR SERIAL NO. : 95167
CALIBRATION REF. : 1,000 Hz, 114 dB CALIBRATION DATE : 21/02/2025
READING / ADJUST : 113.7/0.3 EXPIRE DATE : 20/02/2026
CAL SHEET NO. : NC-CIRRUS-2025-201

LOCATION	TIME	%DOSE	SOUND PRESSURE LEVEL (dBA)	
			TWA (8 hr)	STANDARD*
Operator Air Knives	08.24-16.24	809.7	94.1	85.0


(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME : POSCO Coated Steel (Thailand) Co., Ltd. REFERENCE NO. : 225012-TWA-2510-0083
MEASUREMENT BY : SECOT Co., Ltd. MEASUREMENT DATE : 22/10/2025
OPERATOR : Miss Wiraya Patchimboon INSTRUMENT : Dosimeter
INSTRUMENT MODEL : PULSAR 22 INSTRUMENT SERIAL NO. : PB621

CALIBRATOR MODEL : PULSAR 22R CALIBRATOR SERIAL NO. : 79781
CALIBRATION REF. : 1,000 Hz, 114 dB CALIBRATION DATE : 01/04/2025
READING / ADJUST : 113.9/0.1 EXPIRE DATE : 31/03/2026
CAL SHEET NO. : NC-PULSAR-2025-110

LOCATION	TIME	%DOSE	SOUND PRESSURE LEVEL (dBA)	
			TWA (8 hr)	STANDARD*
Operator Skin Pass Mill	08.30-16.30	25.2	79.0	85.0


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TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME : POSCO Coated Steel (Thailand) Co., Ltd. REFERENCE NO. : 225012-TWA-2510-0083
MEASUREMENT BY : SECOT Co., Ltd. MEASUREMENT DATE : 22/10/2025
OPERATOR : Miss Wiraya Patchimboon INSTRUMENT : Dosimeter
INSTRUMENT MODEL : PULSAR 22 INSTRUMENT SERIAL NO. : PB632

CALIBRATOR MODEL : PULSAR 22R CALIBRATOR SERIAL NO. : 79781
CALIBRATION REF. : 1,000 Hz, 114 dB CALIBRATION DATE : 01/04/2025
READING / ADJUST : 114.1/-0.1 EXPIRE DATE : 31/03/2026
CAL SHEET NO. : NC-PULSAR-2025-110

LOCATION	TIME	%DOSE	SOUND PRESSURE LEVEL (dBA)	
			TWA (8 hr)	STANDARD*
Operator Trimmer	08.48-16.48	26.8	79.3	85.0


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