

## ภาคผนวก ค

---

ใบรับรองผลการตรวจวัดคุณภาพสิ่งแวดล้อม

## ภาคผนวก ค-1

---

ผลการตรวจวัดคุณภาพอากาศในบรรยากาศ





## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O : 4503122458

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220010

Date Received : Mar 01, 2022

Date Reported : Mar 04, 2022

Report Number: 2232598-1C12

Page 1 of 1

Sample Description Air Quality

Location กรุงเทพมหานคร (GPS 47P 0724377, 1402458)

Parameter Nitrogen dioxide (ppm)

Measurement Date Feb 21, 2022 - Feb 28, 2022

Measurement by Anurak Tongkhajonsakda

Time	2220010-1 Feb 21, 2022	2220010-2 Feb 22, 2022	2220010-3 Feb 23, 2022	2220010-4 Feb 24, 2022	2220010-5 Feb 25, 2022	2220010-6 Feb 26, 2022	2220010-7 Feb 27, 2022
11:00 AM - 12:00 PM	<0.001	0.004	<0.001	<0.001	<0.001	<0.001	<0.001
12:00 PM - 01:00 PM	<0.001	0.008	<0.001	<0.001	<0.001	<0.001	<0.001
01:00 PM - 02:00 PM	<0.001	0.007	<0.001	<0.001	<0.001	0.002	<0.001
02:00 PM - 03:00 PM	<0.001	0.013	<0.001	<0.001	0.002	0.001	<0.001
03:00 PM - 04:00 PM	<0.001	0.004	<0.001	0.008	<0.001	<0.001	0.002
04:00 PM - 05:00 PM	<0.001	0.003	<0.001	0.002	<0.001	<0.001	0.001
05:00 PM - 06:00 PM	<0.001	0.002	0.001	<0.001	<0.001	<0.001	<0.001
06:00 PM - 07:00 PM	<0.001	0.002	0.002	<0.001	<0.001	<0.001	<0.001
07:00 PM - 08:00 PM	<0.001	0.002	0.001	<0.001	<0.001	<0.001	<0.001
08:00 PM - 09:00 PM	<0.001	0.002	0.001	<0.001	<0.001	<0.001	<0.001
09:00 PM - 10:00 PM	<0.001	0.002	0.001	<0.001	<0.001	<0.001	<0.001
10:00 PM - 11:00 PM	<0.001	0.004	0.001	<0.001	<0.001	<0.001	<0.001
11:00 PM - 12:00 AM	<0.001	0.004	<0.001	<0.001	<0.001	<0.001	<0.001
12:00 AM - 01:00 AM	<0.001	0.002	0.001	<0.001	<0.001	<0.001	<0.001
01:00 AM - 02:00 AM	<0.001	0.004	0.002	<0.001	<0.001	<0.001	<0.001
02:00 AM - 03:00 AM	<0.001	0.004	0.002	0.001	0.001	0.001	<0.001
03:00 AM - 04:00 AM	<0.001	0.004	0.002	<0.001	0.001	0.001	<0.001
04:00 AM - 05:00 AM	<0.001	0.003	0.001	0.004	<0.001	0.001	<0.001
05:00 AM - 06:00 AM	0.002	0.003	<0.001	<0.001	<0.001	<0.001	<0.001
06:00 AM - 07:00 AM	0.004	0.002	0.001	<0.001	<0.001	<0.001	0.001
07:00 AM - 08:00 AM	0.008	0.001	0.001	<0.001	<0.001	<0.001	0.002
08:00 AM - 09:00 AM	0.008	0.001	<0.001	<0.001	<0.001	<0.001	0.001
09:00 AM - 10:00 AM	0.007	0.001	<0.001	<0.001	<0.001	<0.001	0.001
10:00 AM - 11:00 AM	0.011	<0.001	0.001	<0.001	<0.001	<0.001	<0.001
Average	0.002	0.004	0.001	0.001	<0.001	<0.001	<0.001
1hr - Maximum	0.011	0.013	0.002	0.008	0.002	0.002	0.002
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : US EPA Method Part 50 App. F (Chemiluminescence)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sararat Mongkonjirawat  
Scientist (4)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197

Life Sciences

www.alsglobal.com

8525-209/ EMAIL



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O : 4503122458

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220405

Date Received : Mar 01, 2022

Date Reported : Mar 07, 2022

Report Number: 2233716-1C12

Page 1 of 1

Sample Description Air Quality

Location กรุงเทพมหานคร (GPS 47P 0730826, 1407366)

Parameter Nitrogen dioxide (ppm)

Measurement Date Feb 21, 2022 - Feb 28, 2022

Measurement by Anurak Tongkhajonsakda

Time	2220405-1 Feb 21, 2022	2220405-2 Feb 22, 2022	2220405-3 Feb 23, 2022	2220405-4 Feb 24, 2022	2220405-5 Feb 25, 2022	2220405-6 Feb 26, 2022	2220405-7 Feb 27, 2022
09:00 AM - 10:00 AM	0.008	0.005	0.005	0.008	0.006	0.006	0.007
10:00 AM - 11:00 AM	0.009	0.005	0.004	0.006	0.005	0.005	0.005
11:00 AM - 12:00 PM	0.009	0.003	0.004	0.005	0.003	0.004	0.004
12:00 PM - 01:00 PM	0.009	0.002	0.003	0.004	0.003	0.003	0.003
01:00 PM - 02:00 PM	0.007	0.003	0.002	0.003	0.003	0.004	0.003
02:00 PM - 03:00 PM	0.005	0.003	0.003	0.003	0.003	0.003	0.004
03:00 PM - 04:00 PM	0.005	0.003	0.010	0.004	0.004	0.005	0.005
04:00 PM - 05:00 PM	0.007	0.003	0.014	0.007	0.005	0.006	0.008
05:00 PM - 06:00 PM	0.012	0.006	0.011	0.011	0.011	0.008	0.010
06:00 PM - 07:00 PM	0.011	0.006	0.009	0.010	0.011	0.006	0.014
07:00 PM - 08:00 PM	0.012	0.008	0.011	0.011	0.012	0.010	0.015
08:00 PM - 09:00 PM	0.013	0.008	0.014	0.009	0.014	0.014	0.014
09:00 PM - 10:00 PM	0.007	0.005	0.015	0.012	0.011	0.008	0.012
10:00 PM - 11:00 PM	0.005	0.005	0.010	0.006	0.005	0.006	0.012
11:00 PM - 12:00 AM	0.004	0.003	0.008	0.004	0.003	0.006	0.010
12:00 AM - 01:00 AM	0.003	0.002	0.009	0.004	0.005	0.004	0.009
01:00 AM - 02:00 AM	0.002	0.002	0.011	0.003	0.004	0.004	0.008
02:00 AM - 03:00 AM	0.002	0.002	0.008	0.003	0.004	0.004	0.007
03:00 AM - 04:00 AM	0.002	0.002	0.008	0.003	0.004	0.004	0.006
04:00 AM - 05:00 AM	0.003	0.003	0.007	0.004	0.004	0.007	0.006
05:00 AM - 06:00 AM	0.004	0.006	0.009	0.005	0.004	0.006	0.007
06:00 AM - 07:00 AM	0.005	0.014	0.011	0.009	0.006	0.006	0.009
07:00 AM - 08:00 AM	0.008	0.016	0.014	0.013	0.012	0.009	0.011
08:00 AM - 09:00 AM	0.006	0.008	0.009	0.008	0.009	0.010	0.010
Average	0.007	0.005	0.009	0.006	0.006	0.006	0.008
1hr - Maximum	0.013	0.016	0.015	0.013	0.014	0.014	0.015
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : US EPA Method Part 50 App. F (Chemiluminescence)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Saranya Chalermthamrong  
Scientist (4)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197

Life Sciences

www.alsglobal.com

8525-209/ EMAIL



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220417

Date Received : Mar 01, 2022

Date Reported : Mar 07, 2022

Report Number: 2233727-1C12

Page 1 of 1

Sample Description Air Quality

Location หนองนาเกลือ (GPS 47P 0730048, 1409679)

Parameter Nitrogen dioxide (ppm)

Measurement Date Feb 21, 2022 - Feb 28, 2022

Measurement by Anurak Tongkhajonsakda

Time	2220417-1 Feb 21, 2022	2220417-2 Feb 22, 2022	2220417-3 Feb 23, 2022	2220417-4 Feb 24, 2022	2220417-5 Feb 25, 2022	2220417-6 Feb 26, 2022	2220417-7 Feb 27, 2022
12:00 PM - 01:00 PM	0.004	0.001	0.002	0.001	0.001	0.001	0.001
01:00 PM - 02:00 PM	0.011	0.001	0.003	0.003	0.002	0.001	0.001
02:00 PM - 03:00 PM	0.013	0.001	0.002	0.003	0.002	0.001	0.001
03:00 PM - 04:00 PM	0.015	0.001	0.002	0.003	0.001	0.001	0.001
04:00 PM - 05:00 PM	0.013	0.002	0.001	0.002	0.001	0.001	0.002
05:00 PM - 06:00 PM	0.013	0.002	0.001	0.001	0.001	0.001	0.001
06:00 PM - 07:00 PM	0.017	0.002	0.001	0.001	0.001	0.001	0.001
07:00 PM - 08:00 PM	0.015	0.002	0.001	0.002	0.001	0.001	0.001
08:00 PM - 09:00 PM	0.012	0.001	0.002	0.002	0.001	0.001	0.001
09:00 PM - 10:00 PM	0.009	0.001	0.002	0.002	0.001	0.001	0.002
10:00 PM - 11:00 PM	0.007	0.001	0.002	0.001	0.001	0.001	0.001
11:00 PM - 12:00 AM	0.003	0.002	0.002	0.001	0.001	0.001	0.001
12:00 AM - 01:00 AM	0.002	0.002	0.001	0.001	0.001	0.001	0.001
01:00 AM - 02:00 AM	0.002	0.002	0.001	0.001	0.001	<0.001	0.001
02:00 AM - 03:00 AM	0.002	0.002	0.001	0.001	0.001	0.001	0.001
03:00 AM - 04:00 AM	0.002	0.002	0.001	0.001	<0.001	<0.001	0.002
04:00 AM - 05:00 AM	0.002	0.001	0.001	0.001	0.001	0.001	0.002
05:00 AM - 06:00 AM	0.002	0.002	0.001	<0.001	0.001	<0.001	0.003
06:00 AM - 07:00 AM	0.002	0.002	0.001	<0.001	<0.001	<0.001	0.003
07:00 AM - 08:00 AM	0.003	0.002	0.001	0.001	0.001	0.001	0.003
08:00 AM - 09:00 AM	0.007	0.002	0.001	0.001	0.001	<0.001	0.005
09:00 AM - 10:00 AM	0.004	0.002	0.001	0.001	0.002	0.001	0.002
10:00 AM - 11:00 AM	0.002	0.001	0.001	0.002	0.002	0.018	0.001
11:00 AM - 12:00 PM	0.002	0.001	0.001	0.001	0.001	0.001	0.004
Average	0.007	0.002	0.001	0.001	0.001	0.002	0.002
1hr - Maximum	0.017	0.002	0.003	0.003	0.002	0.018	0.005
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : US EPAMethod Part 50 App. F (Chemiluminescence)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197

Life Sciences

www.alsglobal.com

8525-2009 EMAIL



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2219978

Date Received : Feb 23, 2022

Date Reported : Mar 01, 2022

Report Number : 2232497-1C12

Page 1 of 1

Sample Number 2219978-1

Sampled Date Feb 22, 2022

Sample Description Air Quality

Location บริเวณริมรั้วทางด้านทิศใต้ของบ่อรั้ว (GPS 47P 0727421, 1404492)

Date Analysis Commenced Feb 24, 2022

Condition of Sample Drawn into one 6-L Canister

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Hexane	22/02/22 - 23/02/22	ug/m3	0.60	1.76	3.45	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	22/02/22 - 23/02/22	ug/m3	0.60	1.88	2.04	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Sampled By : Surasak Sachin

Remark :

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

Approved by

*D. Changchon*

Dej Changchon  
Senior Manager

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

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

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7780-31/ EMAIL



## ภาคผนวก ค-2

---

ผลการตรวจวัดความเร็วลมและทิศทางการลม



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang,  
Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID : 2220020

Date Received : Mar 01, 2022

Date Reported : Mar 09, 2022

Report Number : 2232600-1 C12

Page 1 of 2

Sample Number : 2220020-1 to 7

Parameter : Wind Speed / Wind Direction

Location : กรุงเทพมหานคร (GPS 47P 0724377, 1402458)

Sampling Date : Feb 21 - Feb 28, 2022

Sampling by : Anurak Tongkhajonsakda

Time	Feb 21 - Feb 22, 2022		Feb 22 - Feb 23, 2022		Feb 23 - Feb 24, 2022		Feb 24 - Feb 25, 2022		Feb 25 - Feb 26, 2022		Feb 26 - Feb 27, 2022		Feb 27 - Feb 28, 2022	
	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)
11:00 AM - 12:00 PM	2.5	140.0	SE	0.5	301.0	WNW	1.1	105.0	ESE	0.9	113.0	ESE	0.6	92.0
12:00 PM - 01:00 PM	1.1	240.0	WSW	0.3	359.0	N	0.3	319.0	NW	1.4	23.0	NNE	1.8	17.0
01:00 PM - 02:00 PM	0.6	156.0	SSE	1.6	0.0	N	1.1	327.0	NNW	0.7	357.0	N	0.5	48.0
02:00 PM - 03:00 PM	2.8	136.0	SE	0.9	305.0	NW	0.7	2.0	N	1.4	210.0	SSW	0.5	226.0
03:00 PM - 04:00 PM	0.8	160.0	SSE	0.5	260.0	W	0.9	79.0	E	0.5	226.0	SW	1.3	217.0
04:00 PM - 05:00 PM	0.6	156.0	SSE	0.4	243.0	WSW	0.5	149.0	SSE	0.8	252.0	WSW	0.5	206.0
05:00 PM - 06:00 PM	0.2	-	-	0.2	-	-	0.1	-	-	0.0	-	-	0.5	124.0
06:00 PM - 07:00 PM	1.1	123.0	ESE	0.0	-	-	0.0	-	-	0.4	264.0	W	0.0	-
07:00 PM - 08:00 PM	0.4	152.0	SSE	0.7	353.0	N	0.0	-	-	0.0	-	-	0.8	52.0
08:00 PM - 09:00 PM	0.5	177.0	S	0.6	352.0	N	0.1	-	-	0.5	84.0	E	0.1	-
09:00 PM - 10:00 PM	0.0	-	-	0.6	26.0	NNE	0.0	-	-	0.6	47.0	NE	0.2	-
10:00 PM - 11:00 PM	0.8	128.0	SE	0.0	-	-	0.0	-	-	2.1	44.0	NE	0.0	-
11:00 PM - 12:00 AM	0.3	110.0	ESE	0.0	-	-	0.3	110.0	ESE	0.6	46.0	NE	0.0	-
12:00 AM - 01:00 AM	0.5	134.0	SE	0.0	-	-	0.1	-	-	0.3	62.0	ENE	0.2	-
01:00 AM - 02:00 AM	0.7	104.0	ESE	0.0	-	-	0.6	107.0	ESE	1.3	52.0	NE	1.1	40.0
02:00 AM - 03:00 AM	0.9	71.0	ENE	0.0	-	-	1.0	117.0	ESE	0.5	78.0	ENE	0.0	-
03:00 AM - 04:00 AM	0.5	87.0	E	0.0	-	-	0.4	119.0	ESE	0.7	151.0	SSE	1.2	110.0
04:00 AM - 05:00 AM	0.1	-	-	0.3	18.0	NNE	0.6	90.0	E	0.8	90.0	E	0.8	104.0
05:00 AM - 06:00 AM	1.8	110.0	ESE	0.9	37.0	NE	1.7	35.0	NE	0.1	-	-	1.2	141.0
06:00 AM - 07:00 AM	0.9	97.0	E	1.2	98.0	E	2.1	170.0	S	1.0	88.0	E	0.7	51.0
07:00 AM - 08:00 AM	1.0	78.0	ENE	0.7	127.0	SE	1.2	103.0	ESE	0.6	146.0	SE	1.1	45.0
08:00 AM - 09:00 AM	1.2	118.0	ESE	1.2	77.0	ENE	1.6	165.0	SSE	3.0	138.0	SE	1.8	87.0
09:00 AM - 10:00 AM	0.9	56.0	NE	0.5	93.0	E	1.7	114.0	ESE	2.4	165.0	SSE	3.0	120.0
10:00 AM - 11:00 AM	0.9	148.0	SSE	1.7	10.0	N	0.4	68.0	ENE	1.7	61.0	ENE	1.2	63.0

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory, ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jitranont  
Assistant General Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang,  
Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID : 2220020

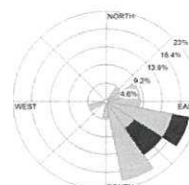
Date Received : Mar 01, 2022

Date Reported : Mar 09, 2022

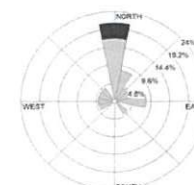
Report Number : 2232600-1 C12

Page 2 of 2

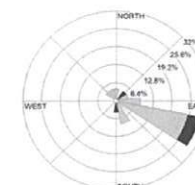
### Wind Rose



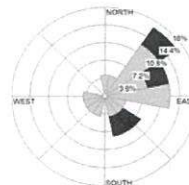
Date : Feb 21-22, 2022



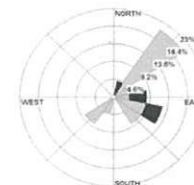
Date : Feb 22-23, 2022



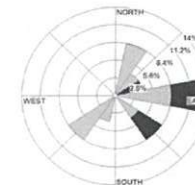
Date : Feb 23-24, 2022



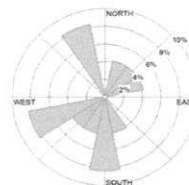
Date : Feb 24-25, 2022



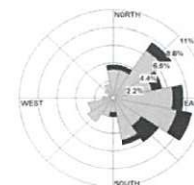
Date : Feb 25-26, 2022



Date : Feb 26-27, 2022



Date : Feb 27-28, 2022



Date : Feb 28, 2022

WS(m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	0.00
1.7-3.3	10.12
0.3-1.7	58.93
Calms	30.95

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory, ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jitranont  
Assistant General Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER





## Analysis / Test Report

**Client** : Siam Synthetic Latex Co., Ltd.  
10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang,  
Rayong 21130

**P/O** :  
**Project Name** : Environmental Quality Monitoring  
**Project Location** : AIE\_SSLC-SE Plant

**Lot ID** : 2220410  
**Date Received** : Mar 01, 2022  
**Date Reported** : Mar 09, 2022  
**Report Number** : 2233721-1 C12

Page 1 of 2

**Sample Number** : 2220410-1 to 7  
**Parameter** : Wind Speed / Wind Direction  
**Location** : กรุงเทพมหานคร (GPS 47P 0730826, 1407366)  
**Sampling Date** : Feb 21 - Feb 28, 2022  
**Sampling by** : Anurak Tongkhajonsakda

Time	Feb 21 - Feb 22, 2022			Feb 22 - Feb 23, 2022			Feb 23 - Feb 24, 2022			Feb 24 - Feb 25, 2022			Feb 25 - Feb 26, 2022			Feb 26 - Feb 27, 2022			Feb 27 - Feb 28, 2022		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
09:00 AM - 10:00 AM	1.2	317.0	NW	1.4	73.0	ENE	2.6	61.0	ENE	1.9	74.0	ENE	3.4	59.0	ENE	0.7	100.0	E	1.9	103.0	ESE
10:00 AM - 11:00 AM	1.1	269.0	W	0.7	59.0	E	1.7	68.0	ENE	2.1	101.0	E	4.8	115.0	ESE	1.6	68.0	ENE	0.8	340.0	NNW
11:00 AM - 12:00 PM	0.4	195.0	SSW	1.1	69.0	ENE	2.6	57.0	ENE	2.1	76.0	ENE	3.0	88.0	E	1.1	65.0	ENE	1.1	197.0	SSW
12:00 PM - 01:00 PM	0.6	253.0	WSW	0.7	41.0	NE	2.7	101.0	E	1.2	80.0	E	1.6	70.0	ENE	3.8	82.0	E	1.4	218.0	SW
01:00 PM - 02:00 PM	0.5	210.0	SSW	0.0	-	-	1.0	58.0	ENE	1.3	279.0	W	0.8	33.0	NNE	0.8	74.0	ENE	0.5	280.0	W
02:00 PM - 03:00 PM	0.3	217.0	SW	0.2	-	-	0.5	32.0	NNE	1.0	214.0	SW	0.4	68.0	ENE	1.0	80.0	E	0.9	271.0	W
03:00 PM - 04:00 PM	2.0	199.0	SSW	0.3	325.0	NW	0.6	221.0	SW	0.6	334.0	NNW	1.5	71.0	ENE	0.6	75.0	ENE	2.2	291.0	WNW
04:00 PM - 05:00 PM	1.3	215.0	SW	0.6	299.0	WNW	0.4	336.0	NNW	0.0	-	-	1.0	70.0	ENE	0.5	228.0	SW	0.4	293.0	WNW
05:00 PM - 06:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.5	84.0	E	0.0	-	-	0.9	311.0	NNW
06:00 PM - 07:00 PM	0.4	40.0	NE	0.0	-	-	0.0	-	-	0.0	-	-	0.7	90.0	E	0.0	-	-	0.0	-	-
07:00 PM - 08:00 PM	0.3	74.0	ENE	0.0	-	-	0.8	72.0	ENE	0.8	76.0	ENE	0.6	84.0	E	0.5	66.0	ENE	0.0	-	-
08:00 PM - 09:00 PM	0.9	79.0	E	0.0	-	-	0.7	86.0	E	0.9	75.0	ENE	0.0	-	-	0.0	-	-	0.0	-	-
09:00 PM - 10:00 PM	0.4	92.0	E	0.0	-	-	0.6	69.0	ENE	1.4	77.0	ENE	0.2	-	-	0.0	-	-	0.0	-	-
10:00 PM - 11:00 PM	0.3	69.0	ENE	0.0	-	-	0.6	80.0	E	1.1	66.0	ENE	0.2	-	-	0.0	-	-	0.0	-	-
11:00 PM - 12:00 AM	0.5	70.0	ENE	0.0	-	-	0.6	66.0	ENE	2.0	55.0	NE	1.6	104.0	ESE	0.6	74.0	ENE	0.0	-	-
12:00 AM - 01:00 AM	0.8	92.0	E	0.0	-	-	1.0	73.0	ENE	2.7	78.0	ENE	0.5	72.0	ENE	0.4	82.0	E	0.0	-	-
01:00 AM - 02:00 AM	1.1	79.0	E	0.0	-	-	1.9	78.0	ENE	1.6	68.0	ENE	1.1	75.0	ENE	0.9	72.0	ENE	0.3	87.0	E
02:00 AM - 03:00 AM	1.3	72.0	ENE	0.8	64.0	ENE	0.8	62.0	ENE	1.1	65.0	ENE	1.6	88.0	E	0.6	72.0	ENE	0.2	-	-
03:00 AM - 04:00 AM	1.2	68.0	ENE	0.8	47.0	NE	2.1	63.0	ENE	1.0	79.0	E	1.0	69.0	ENE	0.6	70.0	ENE	0.0	-	-
04:00 AM - 05:00 AM	2.6	73.0	ENE	1.3	71.0	ENE	1.2	96.0	E	1.8	64.0	ENE	1.2	85.0	E	0.7	75.0	ENE	0.3	74.0	ENE
05:00 AM - 06:00 AM	2.0	72.0	ENE	1.6	113.0	ESE	1.0	81.0	E	1.5	69.0	ENE	2.3	82.0	E	1.5	68.0	ENE	0.0	-	-
06:00 AM - 07:00 AM	1.4	72.0	ENE	1.1	57.0	ENE	1.3	78.0	ENE	2.1	81.0	E	1.2	81.0	E	1.0	80.0	E	0.5	80.0	E
07:00 AM - 08:00 AM	2.6	72.0	ENE	2.1	76.0	ENE	1.2	98.0	E	2.1	67.0	ENE	2.1	68.0	ENE	2.5	89.0	E	1.6	84.0	E
08:00 AM - 09:00 AM	2.5	79.0	E	2.5	74.0	ENE	2.1	66.0	ENE	3.9	72.0	ENE	2.5	88.0	E	1.6	84.0	E	0.4	82.0	E

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory, ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jitranont  
Assistant General Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



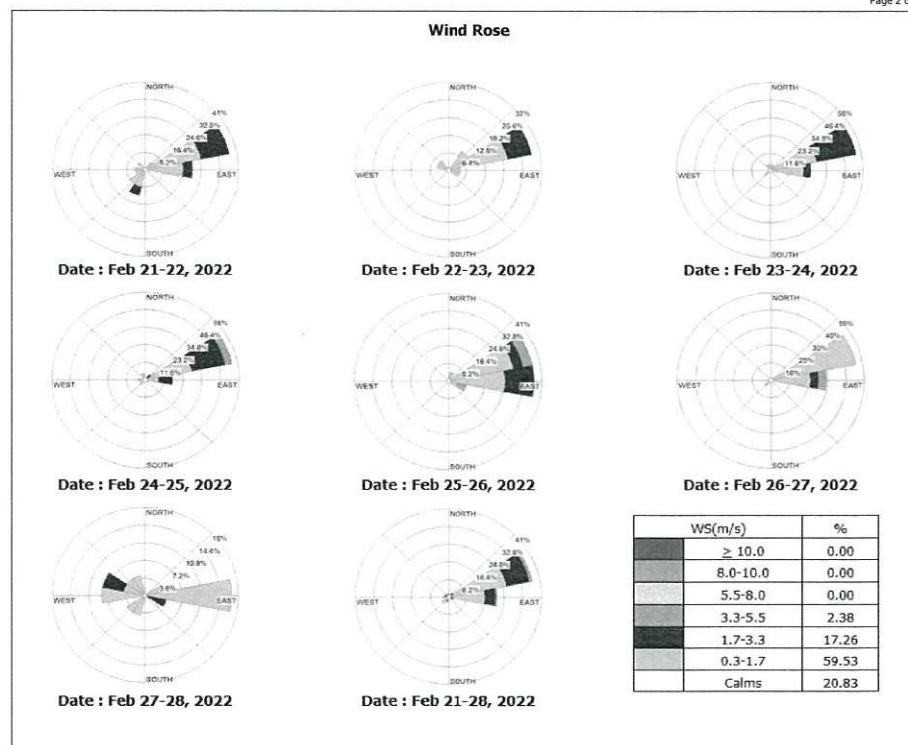
## Analysis / Test Report

**Client** : Siam Synthetic Latex Co., Ltd.  
10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang,  
Rayong 21130

**P/O** :  
**Project Name** : Environmental Quality Monitoring  
**Project Location** : AIE\_SSLC-SE Plant

**Lot ID** : 2220410  
**Date Received** : Mar 01, 2022  
**Date Reported** : Mar 09, 2022  
**Report Number** : 2233721-1 C12

Page 2 of 2



The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory, ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jitranont  
Assistant General Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Siam Synthetic Latex Co., Ltd.  
10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang,  
Rayong 21130

**P/O :**

**Project Name :** Environmental Quality Monitoring

**Project Location :** AIE\_SSLC-SE Plant

**Lot ID :** 2220420

**Date Received :** Mar 01, 2022

**Date Reported :** Mar 09, 2022

**Report Number :** 2233731-1 C12

Page 1 of 2

**Sample Number** 2220420-1 to 7

**Parameter** Wind Speed / Wind Direction

**Location** อวนวัดอากาศ (GPS 47P 0730048, 1409679)

**Sampling Date** Feb 21 - Feb 28, 2022

**Sampling by** Anurak Tongkhajonsakda

Time	Feb 21 - Feb 22, 2022			Feb 22 - Feb 23, 2022			Feb 23 - Feb 24, 2022			Feb 24 - Feb 25, 2022			Feb 25 - Feb 26, 2022			Feb 26 - Feb 27, 2022			Feb 27 - Feb 28, 2022		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
12:00 PM - 01:00 PM	0.0	-	-	1.0	21.0	NNE	0.4	62.0	ENE	2.0	15.0	NNE	0.6	47.0	NE	2.8	26.0	NNE	1.2	211.0	SSW
01:00 PM - 02:00 PM	1.2	210.0	SSW	1.1	39.0	NE	0.5	56.0	NE	0.1	-	-	1.5	171.0	S	0.6	112.0	ESE	1.6	204.0	SSW
02:00 PM - 03:00 PM	1.9	143.0	SE	1.4	11.0	N	0.7	39.0	NE	0.0	-	-	0.6	73.0	ENE	0.8	56.0	NE	0.8	210.0	SSW
03:00 PM - 04:00 PM	1.3	213.0	SSW	0.8	342.0	NNW	0.0	-	-	0.4	222.0	SW	1.5	16.0	NNE	1.5	28.0	NNE	0.2	-	-
04:00 PM - 05:00 PM	0.8	146.0	SE	0.0	-	-	1.2	19.0	NNE	0.8	206.0	SSW	2.5	33.0	NNE	1.0	0.0	N	0.0	-	-
05:00 PM - 06:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.5	25.0	NNE	2.0	41.0	NE	0.0	-	-
06:00 PM - 07:00 PM	0.0	-	-	0.6	301.0	WNW	0.0	-	-	1.3	261.0	W	1.2	22.0	NNE	1.5	32.0	NNE	1.6	251.0	WSW
07:00 PM - 08:00 PM	0.6	42.0	NE	0.4	23.0	NNE	1.5	116.0	ESE	1.0	28.0	NNE	0.0	-	-	1.2	359.0	N	1.8	248.0	WSW
08:00 PM - 09:00 PM	0.5	36.0	NE	0.8	31.0	NNE	1.2	71.0	ENE	0.0	-	-	0.0	-	-	0.8	41.0	NE	0.4	248.0	WSW
09:00 PM - 10:00 PM	1.2	42.0	NE	1.2	31.0	NNE	0.0	-	-	0.0	-	-	0.0	-	-	1.8	30.0	NNE	0.2	-	-
10:00 PM - 11:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	1.3	0.0	N	0.4	38.0	NE	0.5	58.0	ENE	1.3	248.0	WSW
11:00 PM - 12:00 AM	0.0	-	-	0.0	-	-	0.6	67.0	ENE	0.9	31.0	NNE	0.2	-	-	1.2	31.0	NNE	0.8	251.0	WSW
12:00 AM - 01:00 AM	0.6	36.0	NE	0.0	-	-	0.0	-	-	1.6	25.0	NNE	2.4	29.0	NNE	1.4	42.0	NE	0.6	251.0	WSW
01:00 AM - 02:00 AM	1.5	37.0	NE	0.0	-	-	0.9	17.0	NNE	0.5	57.0	ENE	0.0	-	-	0.0	-	-	1.2	251.0	WSW
02:00 AM - 03:00 AM	0.8	32.0	NNE	0.0	-	-	1.9	2.0	N	1.1	37.0	NE	1.5	29.0	NNE	0.0	-	-	1.4	81.0	E
03:00 AM - 04:00 AM	1.1	58.0	ENE	0.0	-	-	0.0	-	-	0.0	-	-	1.4	73.0	ENE	0.6	24.0	NNE	1.8	28.0	NNE
04:00 AM - 05:00 AM	1.9	10.0	N	0.0	-	-	0.0	-	-	1.8	21.0	NNE	0.0	-	-	0.0	-	-	0.8	43.0	NE
05:00 AM - 06:00 AM	1.1	52.0	NE	0.8	41.0	NE	2.9	28.0	NNE	2.3	28.0	NNE	2.1	65.0	ENE	1.8	34.0	NE	1.4	45.0	NE
06:00 AM - 07:00 AM	1.4	81.0	E	0.7	45.0	NE	0.7	24.0	NNE	3.1	3.0	N	1.3	21.0	NNE	0.0	-	-	1.6	39.0	NE
07:00 AM - 08:00 AM	1.8	359.0	N	0.5	349.0	N	2.2	5.0	N	2.0	35.0	NE	0.0	-	-	0.7	65.0	ENE	0.6	63.0	ENE
08:00 AM - 09:00 AM	1.3	10.0	N	1.7	12.0	NNE	1.8	68.0	ENE	0.5	69.0	ENE	2.3	39.0	NE	0.9	37.0	NE	0.4	31.0	NNE
09:00 AM - 10:00 AM	1.6	52.0	NE	2.8	30.0	NNE	2.7	37.0	NE	3.2	20.0	NNE	2.2	9.0	N	0.8	76.0	ENE	1.2	349.0	N
10:00 AM - 11:00 AM	1.1	75.0	ENE	0.9	77.0	ENE	6.3	22.0	NNE	0.6	76.0	ENE	3.0	3.0	N	0.4	40.0	NE	0.0	-	-
11:00 AM - 12:00 PM	1.2	346.0	NNW	0.2	-	-	1.5	7.0	N	1.4	34.0	NE	1.8	2.0	N	0.0	-	-	0.0	-	-

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory, ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jitranont  
Assistant General Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

**Client :** Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang,

Rayong 21130

**P/O :**

**Project Name :** Environmental Quality Monitoring

**Project Location :** AIE\_SSLC-SE Plant

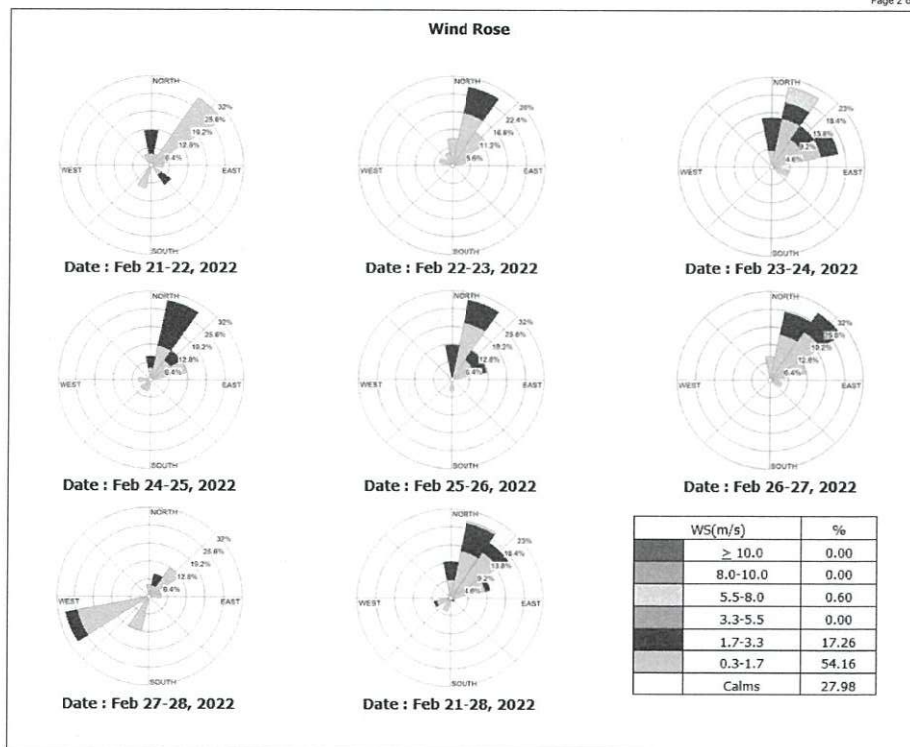
**Lot ID :** 2220420

**Date Received :** Mar 01, 2022

**Date Reported :** Mar 09, 2022

**Report Number :** 2233731-1 C12

Page 2 of 2



The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory, ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jitranont  
Assistant General Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## ภาคผนวก ค-3

---

ผลการตรวจวัดคุณภาพอากาศจากแหล่งกำเนิด



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.  
10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130  
P/O : 4512886714  
Project Name : Environmental Quality Monitoring  
Project Location : AIE\_SSLC-SE Plant

Lot ID: 2219987  
Date Received : Feb 22, 2022  
Date Reported : Jun 28, 2022  
Report Number: 2358902-1

Page 1 of 2

Sample Number : 2219987-1  
Sampled Date : Feb 22, 2022  
Sample Description : Emission from Stationary Source  
Location : Furnace (GPS 47P 0727403, 1404833)  
Date Analysis Commenced : Feb 23, 2022  
Condition of Sample : Extracted into two 2-L collection flasks and one 10-L air sampling bag

### Stack Description

Ambient Pressure	759	mmHg	Diameter	1.69	m	Oxygen	3.9	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	9.7	%
Type of Process	Combustion		Stack Temperature	229	°C	Gas Velocity	6.2	m/s
Type of Fuel	Natural Gas		Moisture	33.74	%	Flow Rate (Actual O2)	19489	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O <sub>2</sub> at 3.9 % O <sub>2</sub>		Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing										
Carbon Monoxide	10:40 AM - 10:50 AM	ppm	-	1.0	3.5	4.3	690	-	US EPA, Method 10	Rayong
Oxides of Nitrogen	10:40 AM - 10:50 AM	ppm	-	1.06	8.0	9.8	200	42	US EPA, Method 7	Rayong

### Guideline :

- Guideline  
1). Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)  
2). Emission Air Standard according to EIA study of SSLC-SE Plant, Approval Letter No. Aor Kor 5104.1.1/3180 dated July 21, B.E.2558

Technical Management

*Thanitak.*

Thanita Kulsuriwong  
Scientist (4)  
โทรศัพท์ 3-323-9447

Approved by

*D. Changchon*

Dej Changchon  
Senior Manager  
โทรศัพท์ 3-323-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7780-31/ EMAIL

S:\Reports\_Air\_Stack\_O2\_2GL.rpt (11:01AM)



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.  
10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130  
P/O : 4512886714  
Project Name : Environmental Quality Monitoring  
Project Location : AIE\_SSLC-SE Plant

Lot ID: 2219987  
Date Received : Feb 22, 2022  
Date Reported : Jun 28, 2022  
Report Number: 2358902-1

Page 2 of 2

Sample Number : 2219987-1  
Sampled Date : Feb 22, 2022  
Sample Description : Emission from Stationary Source  
Location : Furnace (GPS 47P 0727403, 1404833)  
Date Analysis Commenced : Feb 23, 2022  
Condition of Sample : Extracted into two 2-L collection flasks and one 10-L air sampling bag

### Stack Description

Ambient Pressure	759	mmHg	Diameter	1.69	m	Oxygen	3.9	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	9.7	%
Type of Process	Combustion		Stack Temperature	229	°C	Gas Velocity	6.2	m/s
Type of Fuel	Natural Gas		Moisture	33.74	%	Flow Rate (Actual O2)	19489	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
<b>Air Testing</b>									
Carbon Monoxide	10:40 AM - 10:50 AM	g/s	-	-	0.026	-	-	Calculated	Rayong
Oxides of Nitrogen	10:40 AM - 10:50 AM	g/s	-	-	0.100	-	0.57	Calculated	Rayong

### Guideline :

- Guideline  
1). Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)  
2). Emission Air Standard according to EIA study of SSLC-SE Plant, Approval Letter No. Aor Kor 5104.1.1/3180 dated July 21, B.E.2558

### Note:

This Analysis test report is reissued to supersede report No.2232505-1, Date Reported : Mar 02, 2022 due to revise analytical information.

Sampled By : Tinnakorn Kulchart

Remark :

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

Technical Management

*Thanitak.*

Thanita Kulsuriwong  
Scientist (4)  
โทรศัพท์ 3-323-9447

Approved by

*D. Changchon*

Dej Changchon  
Senior Manager  
โทรศัพท์ 3-323-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7780-31/ EMAIL

S:\Reports\_Air\_Stack\_O2\_2GL.rpt (11:01AM)





## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O : 4512886714

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2219998

Date Received : Feb 22, 2022

Date Reported : Mar 04, 2022

Report Number: 2232536-1

Page 1 of 1

Sample Number 2219998-1  
Sampled Date Feb 22, 2022  
Sample Description Emission from Stationary Source  
Location บริเวณเครื่องปั่นแห้ง (Spin Dryer)  
Date Analysis Commenced Feb 23, 2022  
Condition of Sample Extracted into one 10-L air sampling bag and one sorbent tube, refrigerated

Stack Description							
Ambient Pressure	759	mmHg	Diameter	0.82	m	Oxygen	20.9 %
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	0.0 %
Type of Process	Process		Stack Temperature	30.0	°C	Gas Velocity	6.2 m/s
Type of Fuel	-		Moisture	4.42	%	Flow Rate (Actual O2)	11070 Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Air Testing</b>							
n-Octane	11:50 AM - 12:05 PM	ppm	-	1.00	<1.00	US EPA, Method 18	Bangkok
Methane as Propane	11:50 AM - 12:00 PM	ppm	-	0.4	0.9	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong
Non-Methane Hydrocarbon as Propane	11:50 AM - 12:00 PM	ppm	-	0.4	6.8	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong
Total Hydrocarbon as Propane	11:50 AM - 12:00 PM	ppm	-	0.4	7.7	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong

Sampled By : Tinnakorn Kulchart, Saksit Phaisanphisut

Remark :

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

Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3157  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7780-31/ EMAIL

S:\Reports\_Air Stack\_NGL.rpt ( 8:03PM)



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O : 4512886714

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2219999

Date Received : Feb 22, 2022

Date Reported : Mar 04, 2022

Report Number: 2232539-1

Page 1 of 1

Sample Number 2219999-1  
Sampled Date Feb 22, 2022  
Sample Description Emission from Stationary Source  
Location บริเวณถังเก็บกากผลิตภัณฑ์ (Silo)  
Date Analysis Commenced Feb 23, 2022  
Condition of Sample Extracted into one 10-L air sampling bag and one sorbent tube, refrigerated

Stack Description							
Ambient Pressure	759	mmHg	Diameter	0.24 x 0.76	m	Oxygen	20.9 %
Ambient Temperature	30.0	°C	Shape	Rectangular		Carbon Dioxide	0.0 %
Type of Process	Process		Stack Temperature	30.0	°C	Gas Velocity	14.0 m/s
Type of Fuel	-		Moisture	6.49	%	Flow Rate (Actual O2)	8444 Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Air Testing</b>							
n-Octane	11:30 AM - 11:45 AM	ppm	-	1.00	<1.00	US EPA, Method 18	Bangkok
Methane as Propane	11:30 AM - 11:40 AM	ppm	-	0.4	0.9	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong
Non-Methane Hydrocarbon as Propane	11:30 AM - 11:40 AM	ppm	-	0.4	2.4	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong
Total Hydrocarbon as Propane	11:30 AM - 11:40 AM	ppm	-	0.4	3.3	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong

Sampled By : Tinnakorn Kulchart, Saksit Phaisanphisut

Remark :

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

Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3157  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7780-31/ EMAIL

S:\Reports\_Air Stack\_NGL.rpt ( 8:04PM)

## ภาคผนวก ค-4

---

ผลการตรวจวัดระดับเสียงทั่วไปและเสียงพื้นฐาน (Leq 24 hrs)





## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248933-1C12

Page 1 of 1

Sample Number 2220467-1  
Parameter Noise (Leq 24 hrs.)  
Location บริเวณรั้วของโครงการทางด่านที่วัดถนนกึ่งพื้นที่ HPO (GPS 47P 0726777, 1405417)  
Measurement Date Feb 21 - Feb 22, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	60.1	88.0	58.6
01:00 PM - 02:00 PM	60.5	85.1	58.4
02:00 PM - 03:00 PM	61.3	72.4	59.0
03:00 PM - 04:00 PM	61.8	75.4	58.5
04:00 PM - 05:00 PM	60.8	78.0	58.5
05:00 PM - 06:00 PM	60.8	73.6	59.2
06:00 PM - 07:00 PM	60.3	78.2	59.7
07:00 PM - 08:00 PM	60.3	74.2	59.4
08:00 PM - 09:00 PM	60.2	77.6	59.4
09:00 PM - 10:00 PM	59.8	73.9	59.2
10:00 PM - 11:00 PM	59.9	79.3	59.3
11:00 PM - 12:00 AM	60.0	70.1	59.4
12:00 AM - 01:00 AM	59.7	68.6	59.0
01:00 AM - 02:00 AM	59.6	67.5	59.2
02:00 AM - 03:00 AM	60.0	66.0	59.2
03:00 AM - 04:00 AM	60.7	63.9	58.8
04:00 AM - 05:00 AM	63.0	65.1	58.8
05:00 AM - 06:00 AM	62.3	78.5	59.0
06:00 AM - 07:00 AM	60.6	72.3	58.9
07:00 AM - 08:00 AM	60.8	78.1	59.7
08:00 AM - 09:00 AM	60.3	85.1	59.3
09:00 AM - 10:00 AM	59.6	74.9	59.1
10:00 AM - 11:00 AM	59.3	82.3	59.1
11:00 AM - 12:00 PM	58.4	79.4	57.8

Leq Average 24 hrs. (dB(A))

60.5

Lmax (dB(A))

88.0

L90 (dB(A))

59.1

Ldn (dB(A))

67.2

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248934-1C12

Page 1 of 1

Sample Number 2220467-2  
Parameter Noise (Leq 24 hrs.)  
Location บริเวณรั้วของโครงการทางด่านที่วัดถนนกึ่งพื้นที่ HPO (GPS 47P 0726777, 1405417)  
Measurement Date Feb 22 - Feb 23, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	58.0	77.3	57.2
01:00 PM - 02:00 PM	59.7	81.9	56.2
02:00 PM - 03:00 PM	60.3	75.1	55.9
03:00 PM - 04:00 PM	60.1	80.1	56.3
04:00 PM - 05:00 PM	60.0	79.8	57.4
05:00 PM - 06:00 PM	59.0	77.3	57.8
06:00 PM - 07:00 PM	58.6	79.3	57.5
07:00 PM - 08:00 PM	59.5	87.3	57.1
08:00 PM - 09:00 PM	59.5	69.9	57.8
09:00 PM - 10:00 PM	59.6	67.2	58.0
10:00 PM - 11:00 PM	60.1	70.0	58.5
11:00 PM - 12:00 AM	59.7	74.1	58.6
12:00 AM - 01:00 AM	59.5	71.7	58.8
01:00 AM - 02:00 AM	59.1	67.2	59.5
02:00 AM - 03:00 AM	59.5	62.4	59.0
03:00 AM - 04:00 AM	61.0	62.2	58.6
04:00 AM - 05:00 AM	63.8	67.5	58.4
05:00 AM - 06:00 AM	61.7	82.0	58.1
06:00 AM - 07:00 AM	60.6	73.0	59.2
07:00 AM - 08:00 AM	60.1	85.0	60.1
08:00 AM - 09:00 AM	61.2	78.3	59.5
09:00 AM - 10:00 AM	60.6	73.4	59.1
10:00 AM - 11:00 AM	60.1	74.2	58.8
11:00 AM - 12:00 PM	61.2	77.6	58.6

Leq Average 24 hrs. (dB(A))

59.6

Lmax (dB(A))

87.3

L90 (dB(A))

58.4

Ldn (dB(A))

67.0

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248935-1C12

Page 1 of 1

Sample Number 2220467-3  
Parameter Noise (Leq 24 hrs.)  
Location บริเวณริมรั้วของโครงการทางด้านทิศตะวันตกของพื้นที่ HPPO (GPS 47P 0726777, 1405417)  
Measurement Date Feb 23 - Feb 24, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	60.7	82.2	57.9
01:00 PM - 02:00 PM	59.4	76.0	56.6
02:00 PM - 03:00 PM	58.6	73.9	56.7
03:00 PM - 04:00 PM	59.5	73.1	58.1
04:00 PM - 05:00 PM	60.7	83.1	57.8
05:00 PM - 06:00 PM	61.1	74.2	59.2
06:00 PM - 07:00 PM	61.6	82.0	59.7
07:00 PM - 08:00 PM	59.7	75.2	57.8
08:00 PM - 09:00 PM	59.3	77.2	58.0
09:00 PM - 10:00 PM	59.3	69.1	58.5
10:00 PM - 11:00 PM	59.3	70.9	58.5
11:00 PM - 12:00 AM	59.8	68.7	59.0
12:00 AM - 01:00 AM	59.7	72.1	58.9
01:00 AM - 02:00 AM	60.1	72.8	59.2
02:00 AM - 03:00 AM	60.2	69.9	59.3
03:00 AM - 04:00 AM	60.0	63.3	59.2
04:00 AM - 05:00 AM	60.0	64.3	59.3
05:00 AM - 06:00 AM	60.9	74.0	59.8
06:00 AM - 07:00 AM	61.8	73.8	60.2
07:00 AM - 08:00 AM	63.2	77.7	60.7
08:00 AM - 09:00 AM	62.3	82.3	59.8
09:00 AM - 10:00 AM	60.9	76.3	59.5
10:00 AM - 11:00 AM	61.6	84.4	59.1
11:00 AM - 12:00 PM	61.6	79.5	59.3

Leq Average 24 hrs. (dB(A)) 60.6  
Lmax (dB(A)) 84.4  
L90 (dB(A)) 59.1  
Ldn (dB(A)) 66.8  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand : PHONE +66 0 3304 8555 : FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248936-1C12

Page 1 of 1

Sample Number 2220467-4  
Parameter Noise (Leq 24 hrs.)  
Location บริเวณริมรั้วของโครงการทางด้านทิศตะวันตกของพื้นที่ HPPO (GPS 47P 0726777, 1405417)  
Measurement Date Feb 24 - Feb 25, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	59.7	78.5	57.9
01:00 PM - 02:00 PM	59.8	77.0	57.0
02:00 PM - 03:00 PM	58.6	72.3	57.0
03:00 PM - 04:00 PM	59.6	80.3	57.4
04:00 PM - 05:00 PM	62.7	85.9	58.2
05:00 PM - 06:00 PM	60.6	72.9	58.7
06:00 PM - 07:00 PM	61.0	83.8	58.8
07:00 PM - 08:00 PM	59.8	81.3	58.2
08:00 PM - 09:00 PM	59.8	73.0	58.7
09:00 PM - 10:00 PM	60.0	75.2	59.1
10:00 PM - 11:00 PM	59.5	67.5	58.7
11:00 PM - 12:00 AM	59.5	68.8	58.7
12:00 AM - 01:00 AM	59.4	71.6	58.6
01:00 AM - 02:00 AM	59.5	66.2	58.8
02:00 AM - 03:00 AM	59.7	63.9	59.0
03:00 AM - 04:00 AM	66.7	80.1	58.9
04:00 AM - 05:00 AM	61.0	78.6	58.9
05:00 AM - 06:00 AM	60.1	73.1	59.2
06:00 AM - 07:00 AM	61.1	75.5	59.5
07:00 AM - 08:00 AM	63.1	83.7	59.8
08:00 AM - 09:00 AM	62.0	78.6	59.5
09:00 AM - 10:00 AM	60.6	76.2	59.2
10:00 AM - 11:00 AM	60.5	77.7	59.0
11:00 AM - 12:00 PM	61.2	80.4	58.9

Leq Average 24 hrs. (dB(A)) 61.1  
Lmax (dB(A)) 85.9  
L90 (dB(A)) 58.8  
Ldn (dB(A)) 67.8  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand : PHONE +66 0 3304 8555 : FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL





## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248937-1C12

Page 1 of 1

Sample Number 2220467-5  
Parameter Noise (Leq 24 hrs.)  
Location บริเวณรั้วของโครงการทางด้านทิศตะวันตกของพื้นที่ HPPO (GPS 47P 0726777, 1405417)  
Measurement Date Feb 25 - Feb 26, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	59.4	79.0	57.5
01:00 PM - 02:00 PM	59.3	74.5	56.7
02:00 PM - 03:00 PM	58.9	73.0	56.9
03:00 PM - 04:00 PM	58.8	73.8	57.0
04:00 PM - 05:00 PM	59.9	75.7	57.5
05:00 PM - 06:00 PM	60.9	75.4	58.7
06:00 PM - 07:00 PM	62.0	83.9	59.3
07:00 PM - 08:00 PM	60.5	75.4	59.2
08:00 PM - 09:00 PM	60.6	76.6	59.3
09:00 PM - 10:00 PM	60.4	70.0	59.5
10:00 PM - 11:00 PM	60.3	67.6	59.5
11:00 PM - 12:00 AM	60.4	74.5	59.5
12:00 AM - 01:00 AM	60.4	69.0	59.4
01:00 AM - 02:00 AM	60.2	74.4	59.3
02:00 AM - 03:00 AM	59.7	66.4	58.9
03:00 AM - 04:00 AM	59.8	62.7	59.0
04:00 AM - 05:00 AM	60.4	67.7	59.4
05:00 AM - 06:00 AM	60.6	73.1	59.7
06:00 AM - 07:00 AM	61.4	70.8	59.8
07:00 AM - 08:00 AM	62.6	76.0	60.4
08:00 AM - 09:00 AM	62.3	83.2	59.7
09:00 AM - 10:00 AM	61.8	75.4	60.4
10:00 AM - 11:00 AM	63.0	85.4	60.1
11:00 AM - 12:00 PM	63.4	76.5	61.5

Leq Average 24 hrs. (dB(A)) 60.9  
Lmax (dB(A)) 85.4  
L90 (dB(A)) 59.3  
Ldn (dB(A)) 66.9  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

*Thanitak*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S*

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248938-1C12

Page 1 of 1

Sample Number 2220467-6  
Parameter Noise (Leq 24 hrs.)  
Location บริเวณรั้วของโครงการทางด้านทิศตะวันตกของพื้นที่ HPPO (GPS 47P 0726777, 1405417)  
Measurement Date Feb 26 - Feb 27, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	63.9	84.3	62.0
01:00 PM - 02:00 PM	62.0	77.5	60.1
02:00 PM - 03:00 PM	61.6	79.5	60.3
03:00 PM - 04:00 PM	61.6	71.4	60.8
04:00 PM - 05:00 PM	61.6	73.2	60.8
05:00 PM - 06:00 PM	62.1	71.0	61.3
06:00 PM - 07:00 PM	62.0	74.4	61.2
07:00 PM - 08:00 PM	62.4	75.1	61.5
08:00 PM - 09:00 PM	58.9	68.6	58.0
09:00 PM - 10:00 PM	58.7	62.0	57.9
10:00 PM - 11:00 PM	58.7	63.0	58.0
11:00 PM - 12:00 AM	59.6	72.7	58.5
12:00 AM - 01:00 AM	60.5	72.5	58.9
01:00 AM - 02:00 AM	61.9	76.4	59.4
02:00 AM - 03:00 AM	61.0	81.0	58.5
03:00 AM - 04:00 AM	59.6	75.0	58.2
04:00 AM - 05:00 AM	60.3	83.1	57.8
05:00 AM - 06:00 AM	60.3	78.2	58.0
06:00 AM - 07:00 AM	58.4	77.2	56.6
07:00 AM - 08:00 AM	58.5	75.7	55.7
08:00 AM - 09:00 AM	58.8	72.5	57.2
09:00 AM - 10:00 AM	59.8	80.5	57.6
10:00 AM - 11:00 AM	62.9	86.1	58.4
11:00 AM - 12:00 PM	60.8	73.1	58.9

Leq Average 24 hrs. (dB(A)) 60.9  
Lmax (dB(A)) 86.1  
L90 (dB(A)) 58.5  
Ldn (dB(A)) 66.8  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

*Thanitak*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S*

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL





## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248939-1C12

Page 1 of 1

Sample Number 2220467-7  
Parameter Noise (Leq 24 hrs.)  
Location บริเวณรั้วของโครงการทางด้านทิศตะวันตกของพื้นที่ HPPO (GPS 47P 0726777, 1405417)  
Measurement Date Feb 27 - Feb 28, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734221

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	61.2	84.0	59.0
01:00 PM - 02:00 PM	60.0	81.5	58.4
02:00 PM - 03:00 PM	60.0	73.2	58.9
03:00 PM - 04:00 PM	60.2	75.4	59.3
04:00 PM - 05:00 PM	59.7	67.7	58.9
05:00 PM - 06:00 PM	59.7	69.0	58.9
06:00 PM - 07:00 PM	59.6	71.8	58.8
07:00 PM - 08:00 PM	59.7	66.4	59.0
08:00 PM - 09:00 PM	59.9	64.1	59.2
09:00 PM - 10:00 PM	66.9	80.3	59.1
10:00 PM - 11:00 PM	60.1	77.7	58.0
11:00 PM - 12:00 AM	59.2	72.2	58.3
12:00 AM - 01:00 AM	60.2	74.6	58.6
01:00 AM - 02:00 AM	62.2	82.8	58.9
02:00 AM - 03:00 AM	61.1	77.7	58.6
03:00 AM - 04:00 AM	59.7	75.3	58.3
04:00 AM - 05:00 AM	59.6	76.8	58.1
05:00 AM - 06:00 AM	60.3	79.5	58.0
06:00 AM - 07:00 AM	58.5	78.1	56.6
07:00 AM - 08:00 AM	58.4	73.6	55.8
08:00 AM - 09:00 AM	58.0	72.1	56.0
09:00 AM - 10:00 AM	57.9	72.9	56.1
10:00 AM - 11:00 AM	59.0	74.8	56.6
11:00 AM - 12:00 PM	60.5	75.0	58.3

Leq Average 24 hrs. (dB(A)) 60.6  
Lmax (dB(A)) 84.0  
L90 (dB(A)) 58.4  
Ldn (dB(A)) 66.7  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248940-1C12

Page 1 of 1

Sample Number 2220467-8  
Parameter Noise (Leq 24 hrs.)  
Location บริเวณรั้วของโครงการทางด้านทิศใต้ของพื้นที่ HPPO (ข้างปั๊มน้ำมัน บล็อก 45) (GPS 47P 0727136, 1404550)  
Measurement Date Feb 21 - Feb 22, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734223

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	56.2	81.9	50.7
01:00 PM - 02:00 PM	56.1	77.0	48.6
02:00 PM - 03:00 PM	55.4	79.4	47.8
03:00 PM - 04:00 PM	51.3	70.4	47.3
04:00 PM - 05:00 PM	53.3	75.0	48.1
05:00 PM - 06:00 PM	53.4	77.1	48.6
06:00 PM - 07:00 PM	53.3	74.2	49.7
07:00 PM - 08:00 PM	52.0	68.5	49.0
08:00 PM - 09:00 PM	56.7	80.7	48.5
09:00 PM - 10:00 PM	50.3	59.2	49.2
10:00 PM - 11:00 PM	50.4	60.1	49.0
11:00 PM - 12:00 AM	52.5	77.4	50.9
12:00 AM - 01:00 AM	57.6	81.7	52.0
01:00 AM - 02:00 AM	53.6	74.7	52.5
02:00 AM - 03:00 AM	53.5	60.4	52.6
03:00 AM - 04:00 AM	53.9	59.7	53.0
04:00 AM - 05:00 AM	53.9	70.2	53.0
05:00 AM - 06:00 AM	54.9	72.7	53.4
06:00 AM - 07:00 AM	58.0	75.2	54.8
07:00 AM - 08:00 AM	58.8	78.2	55.5
08:00 AM - 09:00 AM	55.9	72.1	53.6
09:00 AM - 10:00 AM	57.0	82.0	53.0
10:00 AM - 11:00 AM	54.5	78.1	51.6
11:00 AM - 12:00 PM	52.3	71.7	50.0

Leq Average 24 hrs. (dB(A)) 55.0  
Lmax (dB(A)) 82.0  
L90 (dB(A)) 50.7  
Ldn (dB(A)) 61.3  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248941-1C12

Page 1 of 1

Sample Number 2220467-9  
Parameter Noise (Leq 24 hrs.)  
Location บริเวณรั้วของโครงการทางด้านทิศตะวันออกพื้นที่ HPPO (ข้างปั๊มน รถบัส ล็อค 45) (GPS 47P 0727136, 1404550)  
Measurement Date Feb 22 - Feb 23, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734223

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	52.3	72.2	48.4
01:00 PM - 02:00 PM	53.0	76.3	49.2
02:00 PM - 03:00 PM	56.2	79.6	49.3
03:00 PM - 04:00 PM	52.0	73.8	48.4
04:00 PM - 05:00 PM	52.1	69.9	47.0
05:00 PM - 06:00 PM	52.6	68.4	47.8
06:00 PM - 07:00 PM	55.8	76.2	49.9
07:00 PM - 08:00 PM	52.4	67.1	50.1
08:00 PM - 09:00 PM	52.9	70.9	50.5
09:00 PM - 10:00 PM	52.4	57.9	51.3
10:00 PM - 11:00 PM	54.2	83.7	51.3
11:00 PM - 12:00 AM	53.8	70.6	51.6
12:00 AM - 01:00 AM	53.9	61.5	52.1
01:00 AM - 02:00 AM	52.5	65.4	51.3
02:00 AM - 03:00 AM	52.6	61.7	51.1
03:00 AM - 04:00 AM	53.5	62.2	51.5
04:00 AM - 05:00 AM	53.9	70.8	51.9
05:00 AM - 06:00 AM	57.5	80.3	52.8
06:00 AM - 07:00 AM	58.9	85.8	54.3
07:00 AM - 08:00 AM	58.2	78.1	54.3
08:00 AM - 09:00 AM	56.7	78.4	53.3
09:00 AM - 10:00 AM	55.3	79.4	53.1
10:00 AM - 11:00 AM	55.2	79.0	52.7
11:00 AM - 12:00 PM	53.9	78.6	50.8

Leq Average 24 hrs. (dB(A)) 54.8  
Lmax (dB(A)) 85.8  
L90 (dB(A)) 51.3  
Ldn (dB(A)) 61.4  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanitak.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248942-1C12

Page 1 of 1

Sample Number 2220467-10  
Parameter Noise (Leq 24 hrs.)  
Location บริเวณรั้วของโครงการทางด้านทิศตะวันออกพื้นที่ HPPO (ข้างปั๊มน รถบัส ล็อค 45) (GPS 47P 0727136, 1404550)  
Measurement Date Feb 23 - Feb 24, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734223

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	52.6	77.0	50.1
01:00 PM - 02:00 PM	55.5	75.4	50.5
02:00 PM - 03:00 PM	57.0	79.0	51.4
03:00 PM - 04:00 PM	55.6	76.5	51.1
04:00 PM - 05:00 PM	53.5	74.5	48.9
05:00 PM - 06:00 PM	52.9	72.2	49.4
06:00 PM - 07:00 PM	54.7	76.9	49.7
07:00 PM - 08:00 PM	52.1	68.2	49.4
08:00 PM - 09:00 PM	51.5	70.2	49.9
09:00 PM - 10:00 PM	53.6	66.0	51.0
10:00 PM - 11:00 PM	55.9	72.2	53.4
11:00 PM - 12:00 AM	56.4	66.7	53.9
12:00 AM - 01:00 AM	56.3	68.7	54.1
01:00 AM - 02:00 AM	56.2	70.8	54.0
02:00 AM - 03:00 AM	55.9	76.2	53.9
03:00 AM - 04:00 AM	55.7	67.3	54.0
04:00 AM - 05:00 AM	55.6	76.3	54.1
05:00 AM - 06:00 AM	57.1	71.7	54.7
06:00 AM - 07:00 AM	60.6	82.8	57.3
07:00 AM - 08:00 AM	60.8	78.6	56.9
08:00 AM - 09:00 AM	59.4	91.3	55.1
09:00 AM - 10:00 AM	60.8	89.8	54.8
10:00 AM - 11:00 AM	60.7	93.4	54.9
11:00 AM - 12:00 PM	59.7	86.9	54.0

Leq Average 24 hrs. (dB(A)) 57.2  
Lmax (dB(A)) 93.4  
L90 (dB(A)) 53.9  
Ldn (dB(A)) 63.4  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanitak.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL





## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248943-1C12

Page 1 of 1

**Sample Number** 2220467-11  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บริเวณริมรั้วของโครงการทางด้านทิศใต้ของพื้นที่ HPPO (ข้างนิคม รปภ คลอด 45) (GPS 47P 0727136, 1404550)  
**Measurement Date** Feb 24 - Feb 25, 2022  
**Measurement by** Anurak Tongkhajonsakda  
**Sound Level meter** Serial No. 734223

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	61.0	83.8	54.5
01:00 PM - 02:00 PM	59.8	77.6	52.2
02:00 PM - 03:00 PM	56.6	81.5	46.1
03:00 PM - 04:00 PM	51.4	71.8	46.0
04:00 PM - 05:00 PM	51.5	71.5	46.9
05:00 PM - 06:00 PM	51.6	72.8	47.9
06:00 PM - 07:00 PM	54.2	75.5	49.4
07:00 PM - 08:00 PM	52.4	69.4	50.8
08:00 PM - 09:00 PM	53.3	77.4	51.9
09:00 PM - 10:00 PM	54.1	80.7	51.7
10:00 PM - 11:00 PM	53.1	80.6	51.7
11:00 PM - 12:00 AM	54.2	84.8	52.3
12:00 AM - 01:00 AM	54.2	81.0	52.3
01:00 AM - 02:00 AM	54.0	80.8	52.2
02:00 AM - 03:00 AM	54.1	81.2	52.2
03:00 AM - 04:00 AM	54.5	81.3	52.5
04:00 AM - 05:00 AM	54.4	85.9	52.3
05:00 AM - 06:00 AM	57.8	86.3	53.3
06:00 AM - 07:00 AM	59.3	87.3	54.4
07:00 AM - 08:00 AM	60.3	86.7	54.4
08:00 AM - 09:00 AM	60.1	87.7	54.1
09:00 AM - 10:00 AM	59.9	88.7	53.8
10:00 AM - 11:00 AM	59.1	89.2	53.1
11:00 AM - 12:00 PM	54.6	73.4	52.3

Leq Average 24 hrs. (dB(A)) 56.8  
Lmax (dB(A)) 89.2  
L90 (dB(A)) 52.2  
Ldn (dB(A)) 62.3  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248944-1C12

Page 1 of 1

**Sample Number** 2220467-12  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บริเวณริมรั้วของโครงการทางด้านทิศใต้ของพื้นที่ HPPO (ข้างนิคม รปภ คลอด 45) (GPS 47P 0727136, 1404550)  
**Measurement Date** Feb 25 - Feb 26, 2022  
**Measurement by** Anurak Tongkhajonsakda  
**Sound Level meter** Serial No. 734223

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	54.2	81.3	51.2
01:00 PM - 02:00 PM	53.1	71.3	50.6
02:00 PM - 03:00 PM	56.9	80.7	47.5
03:00 PM - 04:00 PM	52.4	66.6	47.5
04:00 PM - 05:00 PM	54.6	70.1	50.3
05:00 PM - 06:00 PM	54.3	72.3	52.0
06:00 PM - 07:00 PM	54.7	70.9	51.9
07:00 PM - 08:00 PM	53.5	67.2	52.0
08:00 PM - 09:00 PM	53.3	66.8	51.9
09:00 PM - 10:00 PM	52.5	64.4	51.4
10:00 PM - 11:00 PM	52.7	67.3	51.8
11:00 PM - 12:00 AM	53.0	65.8	52.0
12:00 AM - 01:00 AM	53.5	68.0	52.4
01:00 AM - 02:00 AM	56.3	76.9	52.6
02:00 AM - 03:00 AM	52.7	62.4	51.7
03:00 AM - 04:00 AM	53.5	61.0	52.4
04:00 AM - 05:00 AM	53.6	72.7	52.5
05:00 AM - 06:00 AM	55.0	67.8	53.6
06:00 AM - 07:00 AM	56.3	72.7	54.2
07:00 AM - 08:00 AM	57.7	86.1	54.0
08:00 AM - 09:00 AM	54.7	78.3	52.4
09:00 AM - 10:00 AM	55.6	78.6	52.9
10:00 AM - 11:00 AM	55.6	83.1	52.9
11:00 AM - 12:00 PM	52.9	68.1	50.4

Leq Average 24 hrs. (dB(A)) 54.5  
Lmax (dB(A)) 86.1  
L90 (dB(A)) 52.0  
Ldn (dB(A)) 60.8  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248945-1C12

Page 1 of 1

Sample Number 2220467-13  
Parameter Noise (Leq 24 hrs.)  
Location บริเวณริมรั้วของโครงการทางด้านทิศใต้ของพื้นที่ HPPO (ข้างปั๊มน รถบัส ล็อค 45) (GPS 47P 0727136, 1404550)  
Measurement Date Feb 26 - Feb 27, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734223

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	52.6	66.6	50.2
01:00 PM - 02:00 PM	53.0	70.3	49.9
02:00 PM - 03:00 PM	56.0	79.9	49.9
03:00 PM - 04:00 PM	54.2	78.1	50.0
04:00 PM - 05:00 PM	52.7	80.9	48.6
05:00 PM - 06:00 PM	51.3	66.8	46.6
06:00 PM - 07:00 PM	53.7	70.4	48.5
07:00 PM - 08:00 PM	52.8	67.8	50.7
08:00 PM - 09:00 PM	53.4	69.4	51.6
09:00 PM - 10:00 PM	54.2	74.2	51.8
10:00 PM - 11:00 PM	52.5	61.4	51.6
11:00 PM - 12:00 AM	52.3	59.8	51.5
12:00 AM - 01:00 AM	52.7	64.6	51.8
01:00 AM - 02:00 AM	52.9	60.6	52.1
02:00 AM - 03:00 AM	52.8	63.7	52.0
03:00 AM - 04:00 AM	53.2	67.1	52.3
04:00 AM - 05:00 AM	53.5	66.4	52.6
05:00 AM - 06:00 AM	56.1	77.4	52.7
06:00 AM - 07:00 AM	57.4	87.3	53.9
07:00 AM - 08:00 AM	51.4	75.8	48.9
08:00 AM - 09:00 AM	54.3	74.2	49.3
09:00 AM - 10:00 AM	55.8	77.8	50.2
10:00 AM - 11:00 AM	54.4	75.3	49.9
11:00 AM - 12:00 PM	52.3	73.3	47.7

Leq Average 24 hrs. (dB(A)) 53.8  
Lmax (dB(A)) 87.3  
L90 (dB(A)) 50.2  
Ldn (dB(A)) 60.4  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanitak.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248946-1C12

Page 1 of 1

Sample Number 2220467-14  
Parameter Noise (Leq 24 hrs.)  
Location บริเวณริมรั้วของโครงการทางด้านทิศใต้ของพื้นที่ HPPO (ข้างปั๊มน รถบัส ล็อค 45) (GPS 47P 0727136, 1404550)  
Measurement Date Feb 27 - Feb 28, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734223

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	51.7	71.0	48.2
01:00 PM - 02:00 PM	53.5	75.7	48.5
02:00 PM - 03:00 PM	50.9	67.0	48.2
03:00 PM - 04:00 PM	52.1	70.8	50.5
04:00 PM - 05:00 PM	54.2	66.6	51.6
05:00 PM - 06:00 PM	56.5	72.8	54.0
06:00 PM - 07:00 PM	57.0	67.3	54.5
07:00 PM - 08:00 PM	56.9	69.3	54.7
08:00 PM - 09:00 PM	56.8	71.4	54.6
09:00 PM - 10:00 PM	56.5	76.8	54.5
10:00 PM - 11:00 PM	56.3	67.9	54.6
11:00 PM - 12:00 AM	54.8	75.5	53.3
12:00 AM - 01:00 AM	56.3	70.9	53.9
01:00 AM - 02:00 AM	59.8	82.0	56.5
02:00 AM - 03:00 AM	60.0	77.8	56.1
03:00 AM - 04:00 AM	58.6	90.5	54.3
04:00 AM - 05:00 AM	60.0	89.0	54.0
05:00 AM - 06:00 AM	59.9	92.6	54.1
06:00 AM - 07:00 AM	58.9	86.1	53.2
07:00 AM - 08:00 AM	60.2	83.0	53.7
08:00 AM - 09:00 AM	59.0	76.8	51.4
09:00 AM - 10:00 AM	54.3	79.2	43.8
10:00 AM - 11:00 AM	49.1	69.5	43.7
11:00 AM - 12:00 PM	49.2	69.2	44.6

Leq Average 24 hrs. (dB(A)) 57.0  
Lmax (dB(A)) 92.6  
L90 (dB(A)) 53.7  
Ldn (dB(A)) 64.7  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanitak.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL





## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248947-1C12

Page 1 of 1

**Sample Number** 2220467-15  
**Parameter** Noise (Leq 24 hrs.)  
**Location** กลุ่มบ้านในชุมชนประทุมมิตรบำรุง (บ้านคุณบุญถึง) (GPS 47P 0726292, 1407282)  
**Measurement Date** Feb 21 - Feb 22, 2022  
**Measurement by** Anurak Tongkhajonsakda  
**Sound Level meter** Serial No. 472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	52.9	82.1	40.9
01:00 PM - 02:00 PM	56.6	85.5	39.4
02:00 PM - 03:00 PM	50.3	80.5	38.5
03:00 PM - 04:00 PM	46.7	70.6	37.3
04:00 PM - 05:00 PM	48.3	77.5	37.9
05:00 PM - 06:00 PM	51.5	78.7	40.7
06:00 PM - 07:00 PM	49.4	69.1	39.3
07:00 PM - 08:00 PM	50.0	77.2	43.1
08:00 PM - 09:00 PM	49.1	77.6	42.4
09:00 PM - 10:00 PM	48.3	68.4	43.8
10:00 PM - 11:00 PM	46.1	68.3	42.9
11:00 PM - 12:00 AM	46.1	66.4	44.2
12:00 AM - 01:00 AM	44.6	53.6	43.4
01:00 AM - 02:00 AM	45.1	63.3	43.2
02:00 AM - 03:00 AM	45.0	71.9	43.3
03:00 AM - 04:00 AM	45.6	65.7	43.9
04:00 AM - 05:00 AM	47.4	67.7	44.5
05:00 AM - 06:00 AM	50.8	73.0	44.9
06:00 AM - 07:00 AM	52.0	75.2	46.8
07:00 AM - 08:00 AM	56.4	78.4	50.2
08:00 AM - 09:00 AM	59.2	77.4	51.6
09:00 AM - 10:00 AM	54.8	72.3	50.3
10:00 AM - 11:00 AM	55.5	72.8	50.3
11:00 AM - 12:00 PM	54.5	75.9	50.4

Leq Average 24 hrs. (dB(A)) 52.3  
Lmax (dB(A)) 85.5  
L90 (dB(A)) 43.3  
Ldn (dB(A)) 55.7  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป

2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248948-1C12

Page 1 of 1

**Sample Number** 2220467-16  
**Parameter** Noise (Leq 24 hrs.)  
**Location** กลุ่มบ้านในชุมชนประทุมมิตรบำรุง (บ้านคุณบุญถึง) (GPS 47P 0726292, 1407282)  
**Measurement Date** Feb 22 - Feb 23, 2022  
**Measurement by** Anurak Tongkhajonsakda  
**Sound Level meter** Serial No. 472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	62.6	90.2	48.8
01:00 PM - 02:00 PM	51.7	81.9	39.9
02:00 PM - 03:00 PM	48.1	72.0	38.7
03:00 PM - 04:00 PM	49.7	78.9	39.3
04:00 PM - 05:00 PM	52.9	80.1	42.1
05:00 PM - 06:00 PM	50.8	70.5	40.7
06:00 PM - 07:00 PM	51.4	78.6	44.5
07:00 PM - 08:00 PM	50.5	79.0	43.8
08:00 PM - 09:00 PM	46.2	66.3	41.7
09:00 PM - 10:00 PM	44.0	66.2	40.8
10:00 PM - 11:00 PM	44.0	64.3	42.1
11:00 PM - 12:00 AM	42.5	51.5	41.3
12:00 AM - 01:00 AM	43.0	61.2	41.1
01:00 AM - 02:00 AM	42.9	69.8	41.2
02:00 AM - 03:00 AM	43.5	63.6	41.8
03:00 AM - 04:00 AM	43.5	63.8	40.6
04:00 AM - 05:00 AM	46.9	69.1	41.0
05:00 AM - 06:00 AM	48.1	71.3	42.9
06:00 AM - 07:00 AM	52.5	74.5	46.3
07:00 AM - 08:00 AM	55.3	73.5	47.7
08:00 AM - 09:00 AM	50.9	68.4	46.4
09:00 AM - 10:00 AM	51.6	68.9	46.4
10:00 AM - 11:00 AM	50.6	72.0	46.5
11:00 AM - 12:00 PM	58.7	86.3	44.9

Leq Average 24 hrs. (dB(A)) 52.9  
Lmax (dB(A)) 90.2  
L90 (dB(A)) 41.8  
Ldn (dB(A)) 55.4  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป

2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248949-1C12

Page 1 of 1

Sample Number 2220467-17  
Parameter Noise (Leq 24 hrs.)  
Location กลุ่มบ้านในชุมชนประทุมมิตรบำรุง (บ้านคุณบุญผดุง) (GPS 47P 0726292, 1407282)  
Measurement Date Feb 23 - Feb 24, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	57.4	88.3	43.3
01:00 PM - 02:00 PM	51.9	75.4	42.3
02:00 PM - 03:00 PM	52.3	83.0	43.5
03:00 PM - 04:00 PM	53.1	82.8	44.2
04:00 PM - 05:00 PM	53.3	79.7	45.5
05:00 PM - 06:00 PM	52.8	72.1	46.7
06:00 PM - 07:00 PM	52.7	78.9	46.7
07:00 PM - 08:00 PM	49.7	68.6	46.4
08:00 PM - 09:00 PM	48.1	66.2	44.9
09:00 PM - 10:00 PM	45.6	66.8	43.2
10:00 PM - 11:00 PM	44.0	62.1	42.7
11:00 PM - 12:00 AM	46.4	73.7	43.5
12:00 AM - 01:00 AM	47.7	79.2	43.3
01:00 AM - 02:00 AM	46.3	71.4	44.3
02:00 AM - 03:00 AM	46.1	61.2	45.1
03:00 AM - 04:00 AM	46.4	57.7	45.5
04:00 AM - 05:00 AM	48.3	66.2	45.7
05:00 AM - 06:00 AM	51.5	71.2	48.0
06:00 AM - 07:00 AM	55.7	79.2	50.1
07:00 AM - 08:00 AM	58.1	80.2	50.6
08:00 AM - 09:00 AM	53.3	82.1	48.6
09:00 AM - 10:00 AM	54.1	78.6	48.8
10:00 AM - 11:00 AM	54.8	75.9	47.6
11:00 AM - 12:00 PM	56.4	79.8	46.1

Leq Average 24 hrs. (dB(A)) 52.8  
Lmax (dB(A)) 88.3  
L90 (dB(A)) 45.5  
Ldn (dB(A)) 57.0  
Standard (dB(A)) 70

Reference Method : Based on ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248950-1C12

Page 1 of 1

Sample Number 2220467-18  
Parameter Noise (Leq 24 hrs.)  
Location กลุ่มบ้านในชุมชนประทุมมิตรบำรุง (บ้านคุณบุญผดุง) (GPS 47P 0726292, 1407282)  
Measurement Date Feb 24 - Feb 25, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	55.3	77.1	44.4
01:00 PM - 02:00 PM	51.0	75.2	43.3
02:00 PM - 03:00 PM	56.2	73.4	45.3
03:00 PM - 04:00 PM	50.9	69.1	44.7
04:00 PM - 05:00 PM	54.2	76.8	46.2
05:00 PM - 06:00 PM	55.2	82.4	45.6
06:00 PM - 07:00 PM	54.0	78.2	45.2
07:00 PM - 08:00 PM	48.1	71.8	43.7
08:00 PM - 09:00 PM	50.5	82.7	43.5
09:00 PM - 10:00 PM	47.1	67.3	43.7
10:00 PM - 11:00 PM	44.3	65.7	42.4
11:00 PM - 12:00 AM	45.6	71.0	44.0
12:00 AM - 01:00 AM	45.7	60.9	44.4
01:00 AM - 02:00 AM	45.5	56.3	44.5
02:00 AM - 03:00 AM	46.2	64.8	44.8
03:00 AM - 04:00 AM	46.8	67.0	45.3
04:00 AM - 05:00 AM	48.9	68.4	45.9
05:00 AM - 06:00 AM	52.0	70.3	48.2
06:00 AM - 07:00 AM	57.1	85.7	49.7
07:00 AM - 08:00 AM	59.1	89.9	50.4
08:00 AM - 09:00 AM	54.8	84.0	49.2
09:00 AM - 10:00 AM	56.1	87.4	49.0
10:00 AM - 11:00 AM	56.2	73.3	47.6
11:00 AM - 12:00 PM	55.3	83.7	46.3

Leq Average 24 hrs. (dB(A)) 53.5  
Lmax (dB(A)) 89.9  
L90 (dB(A)) 45.2  
Ldn (dB(A)) 57.7  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL





## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248951-1C12

Page 1 of 1

Sample Number 2220467-19  
Parameter Noise (Leq 24 hrs.)  
Location กลุ่มบ้านในชุมชนประทุมมิตรบำรุง (บ้านคุดเบญญักษ์) (GPS 47P 0726292, 1407282)  
Measurement Date Feb 25 - Feb 26, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	53.7	74.7	44.4
01:00 PM - 02:00 PM	50.9	74.4	43.0
02:00 PM - 03:00 PM	52.4	78.3	44.0
03:00 PM - 04:00 PM	50.3	79.5	41.9
04:00 PM - 05:00 PM	56.1	84.0	45.6
05:00 PM - 06:00 PM	57.9	85.0	46.8
06:00 PM - 07:00 PM	55.1	74.2	47.3
07:00 PM - 08:00 PM	52.8	79.8	46.5
08:00 PM - 09:00 PM	52.4	74.1	46.4
09:00 PM - 10:00 PM	54.4	78.7	46.4
10:00 PM - 11:00 PM	47.8	71.6	46.0
11:00 PM - 12:00 AM	48.6	73.7	46.2
12:00 AM - 01:00 AM	47.2	71.6	44.6
01:00 AM - 02:00 AM	46.5	67.2	45.2
02:00 AM - 03:00 AM	46.8	69.0	44.6
03:00 AM - 04:00 AM	46.8	67.1	45.0
04:00 AM - 05:00 AM	50.8	71.7	46.4
05:00 AM - 06:00 AM	52.2	73.4	47.4
06:00 AM - 07:00 AM	55.6	78.7	49.1
07:00 AM - 08:00 AM	58.3	82.4	49.5
08:00 AM - 09:00 AM	56.8	84.3	47.8
09:00 AM - 10:00 AM	58.0	83.6	47.5
10:00 AM - 11:00 AM	59.5	86.6	48.1
11:00 AM - 12:00 PM	54.6	78.3	45.4

Leq Average 24 hrs. (dB(A)) 54.4  
Lmax (dB(A)) 86.6  
L90 (dB(A)) 46.2  
Ldn (dB(A)) 58.1  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanitak.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supt S

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248952-1C12

Page 1 of 1

Sample Number 2220467-20  
Parameter Noise (Leq 24 hrs.)  
Location กลุ่มบ้านในชุมชนประทุมมิตรบำรุง (บ้านคุดเบญญักษ์) (GPS 47P 0726292, 1407282)  
Measurement Date Feb 26 - Feb 27, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	54.5	77.9	44.0
01:00 PM - 02:00 PM	52.2	77.9	41.6
02:00 PM - 03:00 PM	55.1	80.0	44.5
03:00 PM - 04:00 PM	56.1	81.7	45.8
04:00 PM - 05:00 PM	56.3	83.7	44.9
05:00 PM - 06:00 PM	54.1	81.3	44.7
06:00 PM - 07:00 PM	54.2	88.0	46.4
07:00 PM - 08:00 PM	50.6	83.3	43.3
08:00 PM - 09:00 PM	51.1	82.9	43.2
09:00 PM - 10:00 PM	46.4	65.9	43.0
10:00 PM - 11:00 PM	45.6	60.1	44.4
11:00 PM - 12:00 AM	48.1	73.6	43.6
12:00 AM - 01:00 AM	45.8	78.9	43.3
01:00 AM - 02:00 AM	44.2	57.2	43.2
02:00 AM - 03:00 AM	43.6	62.0	42.0
03:00 AM - 04:00 AM	44.5	64.5	41.4
04:00 AM - 05:00 AM	47.5	72.2	42.2
05:00 AM - 06:00 AM	50.3	72.4	43.5
06:00 AM - 07:00 AM	52.9	77.0	46.2
07:00 AM - 08:00 AM	55.2	77.2	46.7
08:00 AM - 09:00 AM	52.2	72.0	46.8
09:00 AM - 10:00 AM	51.0	73.6	46.5
10:00 AM - 11:00 AM	49.5	72.3	44.1
11:00 AM - 12:00 PM	54.0	79.9	46.0

Leq Average 24 hrs. (dB(A)) 52.2  
Lmax (dB(A)) 88.0  
L90 (dB(A)) 44.0  
Ldn (dB(A)) 55.8  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanitak.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supt S

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248953-1C12

Page 1 of 1

Sample Number 2220467-21  
Parameter Noise (Leq 24 hrs.)  
Location กลุ่มบ้านชุมชนประทุมมา (บ้านคุณบุญส่ง) (GPS 47P 0726292, 1407282)  
Measurement Date Feb 27 - Feb 28, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	55.1	81.2	46.0
01:00 PM - 02:00 PM	51.3	80.9	47.4
02:00 PM - 03:00 PM	51.6	74.5	46.8
03:00 PM - 04:00 PM	52.5	74.4	45.8
04:00 PM - 05:00 PM	58.9	89.6	44.4
05:00 PM - 06:00 PM	55.7	80.4	41.4
06:00 PM - 07:00 PM	54.8	79.4	41.6
07:00 PM - 08:00 PM	47.9	76.6	40.9
08:00 PM - 09:00 PM	49.0	82.7	40.8
09:00 PM - 10:00 PM	44.0	64.9	41.0
10:00 PM - 11:00 PM	47.8	74.0	41.5
11:00 PM - 12:00 AM	41.5	59.2	38.9
12:00 AM - 01:00 AM	40.7	67.0	37.8
01:00 AM - 02:00 AM	44.0	68.2	36.9
02:00 AM - 03:00 AM	42.3	64.3	39.6
03:00 AM - 04:00 AM	44.0	65.4	40.8
04:00 AM - 05:00 AM	47.6	68.3	39.5
05:00 AM - 06:00 AM	51.4	70.7	41.8
06:00 AM - 07:00 AM	58.6	82.0	44.6
07:00 AM - 08:00 AM	55.7	83.9	42.0
08:00 AM - 09:00 AM	53.2	74.7	38.1
09:00 AM - 10:00 AM	54.5	78.5	43.7
10:00 AM - 11:00 AM	54.4	75.9	39.3
11:00 AM - 12:00 PM	55.7	79.7	44.9

Leq Average 24 hrs. (dB(A)) 53.2  
Lmax (dB(A)) 89.6  
L90 (dB(A)) 41.4  
Ldn (dB(A)) 57.9  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248954-1C12

Page 1 of 1

Sample Number 2220467-22  
Parameter Noise (Leq 24 hrs.)  
Location กลุ่มบ้านชุมชนพุด (บ้านคุณสมจิตร) (GPS 47P 0724337, 1402458)  
Measurement Date Feb 21 - Feb 22, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	50.0	70.1	44.6
01:00 PM - 02:00 PM	52.0	79.0	45.3
02:00 PM - 03:00 PM	62.0	95.4	49.2
03:00 PM - 04:00 PM	53.3	74.1	46.6
04:00 PM - 05:00 PM	52.0	76.4	45.7
05:00 PM - 06:00 PM	51.7	81.6	47.1
06:00 PM - 07:00 PM	49.6	72.1	43.8
07:00 PM - 08:00 PM	50.3	76.2	44.0
08:00 PM - 09:00 PM	48.1	70.4	43.9
09:00 PM - 10:00 PM	53.8	79.5	43.8
10:00 PM - 11:00 PM	45.9	61.1	44.2
11:00 PM - 12:00 AM	47.9	67.3	44.6
12:00 AM - 01:00 AM	51.9	79.2	47.1
01:00 AM - 02:00 AM	48.7	71.5	46.5
02:00 AM - 03:00 AM	49.9	72.7	44.5
03:00 AM - 04:00 AM	48.5	70.4	41.2
04:00 AM - 05:00 AM	53.3	77.4	41.3
05:00 AM - 06:00 AM	59.5	82.3	41.8
06:00 AM - 07:00 AM	54.6	83.0	42.9
07:00 AM - 08:00 AM	61.5	93.3	44.3
08:00 AM - 09:00 AM	52.0	74.1	43.2
09:00 AM - 10:00 AM	54.3	77.3	45.9
10:00 AM - 11:00 AM	52.5	67.7	48.1
11:00 AM - 12:00 PM	55.6	90.1	44.2

Leq Average 24 hrs. (dB(A)) 54.7  
Lmax (dB(A)) 95.4  
L90 (dB(A)) 44.3  
Ldn (dB(A)) 60.0  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL





## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248955-1C12

Page 1 of 1

Sample Number 2220467-23  
Parameter Noise (Leq 24 hrs.)  
Location กลุ่มบ้านชุมชนพุด (บ้านคุณสมจิตร) (GPS 47P 0724337, 1402458)  
Measurement Date Feb 22 - Feb 23, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	50.7	68.7	45.7
01:00 PM - 02:00 PM	50.5	73.2	45.7
02:00 PM - 03:00 PM	49.6	71.9	45.1
03:00 PM - 04:00 PM	51.1	75.0	44.8
04:00 PM - 05:00 PM	50.4	71.3	46.3
05:00 PM - 06:00 PM	51.0	70.0	46.8
06:00 PM - 07:00 PM	50.6	74.3	46.3
07:00 PM - 08:00 PM	49.6	75.9	45.2
08:00 PM - 09:00 PM	50.9	78.6	44.7
09:00 PM - 10:00 PM	51.5	75.0	44.2
10:00 PM - 11:00 PM	50.3	73.6	43.9
11:00 PM - 12:00 AM	49.2	72.6	44.3
12:00 AM - 01:00 AM	50.4	78.4	40.1
01:00 AM - 02:00 AM	49.6	76.6	38.6
02:00 AM - 03:00 AM	48.1	69.7	39.1
03:00 AM - 04:00 AM	48.2	72.3	39.7
04:00 AM - 05:00 AM	54.0	75.5	41.7
05:00 AM - 06:00 AM	58.8	87.2	42.3
06:00 AM - 07:00 AM	59.8	89.3	45.7
07:00 AM - 08:00 AM	59.4	85.5	42.0
08:00 AM - 09:00 AM	58.9	92.7	43.7
09:00 AM - 10:00 AM	58.1	86.7	43.9
10:00 AM - 11:00 AM	53.1	73.0	50.1
11:00 AM - 12:00 PM	52.4	79.6	48.5

Leq Average 24 hrs. (dB(A)) 54.2  
Lmax (dB(A)) 92.7  
L90 (dB(A)) 44.3  
Ldn (dB(A)) 60.8  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

*Thanita K.*  
Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*  
Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand : PHONE +66 0 3304 8555 : FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248956-1C12

Page 1 of 1

Sample Number 2220467-24  
Parameter Noise (Leq 24 hrs.)  
Location กลุ่มบ้านชุมชนพุด (บ้านคุณสมจิตร) (GPS 47P 0724337, 1402458)  
Measurement Date Feb 23 - Feb 24, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	50.5	68.3	47.5
01:00 PM - 02:00 PM	50.2	68.6	47.3
02:00 PM - 03:00 PM	57.4	82.6	49.0
03:00 PM - 04:00 PM	53.4	72.4	49.0
04:00 PM - 05:00 PM	52.7	71.5	46.1
05:00 PM - 06:00 PM	51.7	70.5	46.2
06:00 PM - 07:00 PM	49.2	70.6	46.1
07:00 PM - 08:00 PM	49.0	70.1	47.5
08:00 PM - 09:00 PM	49.4	54.0	48.2
09:00 PM - 10:00 PM	51.7	57.8	50.6
10:00 PM - 11:00 PM	52.0	59.9	51.0
11:00 PM - 12:00 AM	52.8	60.5	51.7
12:00 AM - 01:00 AM	52.6	57.9	51.6
01:00 AM - 02:00 AM	53.1	59.7	52.1
02:00 AM - 03:00 AM	52.8	60.7	51.8
03:00 AM - 04:00 AM	53.2	61.4	52.0
04:00 AM - 05:00 AM	53.3	63.3	52.0
05:00 AM - 06:00 AM	57.7	74.2	53.4
06:00 AM - 07:00 AM	59.8	79.7	55.1
07:00 AM - 08:00 AM	57.0	81.5	53.9
08:00 AM - 09:00 AM	55.0	64.9	52.9
09:00 AM - 10:00 AM	54.3	77.4	51.9
10:00 AM - 11:00 AM	53.7	69.3	51.3
11:00 AM - 12:00 PM	53.2	69.3	50.2

Leq Average 24 hrs. (dB(A)) 54.1  
Lmax (dB(A)) 82.6  
L90 (dB(A)) 51.0  
Ldn (dB(A)) 61.3  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

*Thanita K.*  
Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*  
Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand : PHONE +66 0 3304 8555 : FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-206/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248957-1C12

Page 1 of 1

Sample Number 2220467-25  
Parameter Noise (Leq 24 hrs.)  
Location กลุ่มบ้านชุมชนพูน (บ้านคุณสมจิตร) (GPS 47P 0724337, 1402458)  
Measurement Date Feb 24 - Feb 25, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	52.0	61.3	49.1
01:00 PM - 02:00 PM	50.4	68.5	45.4
02:00 PM - 03:00 PM	57.5	85.4	44.0
03:00 PM - 04:00 PM	48.9	65.8	44.6
04:00 PM - 05:00 PM	50.6	71.6	44.8
05:00 PM - 06:00 PM	51.2	70.6	46.1
06:00 PM - 07:00 PM	49.6	65.3	47.4
07:00 PM - 08:00 PM	50.5	61.4	49.3
08:00 PM - 09:00 PM	51.3	55.9	50.5
09:00 PM - 10:00 PM	53.6	74.1	50.5
10:00 PM - 11:00 PM	51.0	60.9	50.2
11:00 PM - 12:00 AM	51.5	56.4	50.7
12:00 AM - 01:00 AM	51.3	56.0	50.6
01:00 AM - 02:00 AM	51.3	57.1	50.6
02:00 AM - 03:00 AM	51.2	59.7	50.5
03:00 AM - 04:00 AM	51.6	60.1	50.8
04:00 AM - 05:00 AM	52.1	59.7	51.1
05:00 AM - 06:00 AM	59.6	83.8	52.2
06:00 AM - 07:00 AM	57.9	76.0	53.2
07:00 AM - 08:00 AM	54.7	69.0	52.6
08:00 AM - 09:00 AM	56.2	73.3	52.2
09:00 AM - 10:00 AM	54.5	78.4	52.0
10:00 AM - 11:00 AM	53.9	68.7	50.6
11:00 AM - 12:00 PM	52.1	71.7	50.1

Leq Average 24 hrs. (dB(A)) 53.7  
Lmax (dB(A)) 85.4  
L90 (dB(A)) 50.5  
Ldn (dB(A)) 60.7  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248958-1C12

Page 1 of 1

Sample Number 2220467-26  
Parameter Noise (Leq 24 hrs.)  
Location กลุ่มบ้านชุมชนพูน (บ้านคุณสมจิตร) (GPS 47P 0724337, 1402458)  
Measurement Date Feb 25 - Feb 26, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	50.6	67.5	48.6
01:00 PM - 02:00 PM	52.6	75.3	48.7
02:00 PM - 03:00 PM	56.3	83.5	44.7
03:00 PM - 04:00 PM	52.7	67.9	44.2
04:00 PM - 05:00 PM	54.6	73.6	47.3
05:00 PM - 06:00 PM	52.4	68.7	50.0
06:00 PM - 07:00 PM	50.7	63.6	49.8
07:00 PM - 08:00 PM	51.0	56.1	50.0
08:00 PM - 09:00 PM	52.1	64.8	50.6
09:00 PM - 10:00 PM	51.4	59.0	50.5
10:00 PM - 11:00 PM	51.7	56.3	50.9
11:00 PM - 12:00 AM	51.5	57.2	50.8
12:00 AM - 01:00 AM	52.2	72.3	50.8
01:00 AM - 02:00 AM	59.1	83.0	50.8
02:00 AM - 03:00 AM	50.8	55.9	50.0
03:00 AM - 04:00 AM	51.6	60.4	50.7
04:00 AM - 05:00 AM	52.7	63.3	51.3
05:00 AM - 06:00 AM	56.7	77.5	52.3
06:00 AM - 07:00 AM	58.6	80.8	53.2
07:00 AM - 08:00 AM	57.0	75.2	52.0
08:00 AM - 09:00 AM	53.7	73.1	50.8
09:00 AM - 10:00 AM	51.8	62.1	50.0
10:00 AM - 11:00 AM	53.0	71.8	49.9
11:00 AM - 12:00 PM	53.3	70.0	48.2

Leq Average 24 hrs. (dB(A)) 54.1  
Lmax (dB(A)) 83.5  
L90 (dB(A)) 50.0  
Ldn (dB(A)) 61.3  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL





## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248959-1C12

Page 1 of 1

Sample Number 2220467-27  
Parameter Noise (Leq 24 hrs.)  
Location กลุ่มบ้านชุมชนพยอม (บ้านคณสมจิตร) (GPS 47P 0724337, 1402458)  
Measurement Date Feb 26 - Feb 27, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	49.7	61.2	47.5
01:00 PM - 02:00 PM	52.7	69.3	47.9
02:00 PM - 03:00 PM	59.4	87.8	47.7
03:00 PM - 04:00 PM	53.0	72.1	48.5
04:00 PM - 05:00 PM	51.6	76.6	45.8
05:00 PM - 06:00 PM	52.2	75.1	45.4
06:00 PM - 07:00 PM	50.4	71.3	45.9
07:00 PM - 08:00 PM	49.8	57.1	47.8
08:00 PM - 09:00 PM	53.4	75.6	50.4
09:00 PM - 10:00 PM	56.1	80.3	50.7
10:00 PM - 11:00 PM	51.2	58.5	50.5
11:00 PM - 12:00 AM	51.1	54.5	50.5
12:00 AM - 01:00 AM	51.3	54.2	50.5
01:00 AM - 02:00 AM	51.2	57.4	50.5
02:00 AM - 03:00 AM	51.2	54.7	50.5
03:00 AM - 04:00 AM	51.7	57.9	50.8
04:00 AM - 05:00 AM	52.2	59.5	51.1
05:00 AM - 06:00 AM	59.8	84.1	51.8
06:00 AM - 07:00 AM	57.7	78.6	52.6
07:00 AM - 08:00 AM	56.3	75.5	51.5
08:00 AM - 09:00 AM	54.4	74.8	50.4
09:00 AM - 10:00 AM	51.6	64.4	49.2
10:00 AM - 11:00 AM	48.5	64.0	44.2
11:00 AM - 12:00 PM	47.1	63.4	44.1

Leq Average 24 hrs. (dB(A)) 54.0  
Lmax (dB(A)) 87.8  
L90 (dB(A)) 50.4  
Ldn (dB(A)) 60.8  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL



## Analysis / Test Report



TESTING  
No.0042

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 2220467

Date Received : Mar 01, 2022

Date Reported : Mar 05, 2022

Report Number: 2248960-1C12

Page 1 of 1

Sample Number 2220467-28  
Parameter Noise (Leq 24 hrs.)  
Location กลุ่มบ้านชุมชนพยอม (บ้านคณสมจิตร) (GPS 47P 0724337, 1402458)  
Measurement Date Feb 27 - Feb 28, 2022  
Measurement by Anurak Tongkhajonsakda  
Sound Level meter Serial No. 734220

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	49.6	64.0	45.4
01:00 PM - 02:00 PM	58.0	86.0	45.7
02:00 PM - 03:00 PM	51.1	64.4	45.7
03:00 PM - 04:00 PM	50.9	68.3	44.6
04:00 PM - 05:00 PM	67.1	87.1	45.8
05:00 PM - 06:00 PM	53.2	85.7	45.3
06:00 PM - 07:00 PM	48.3	67.8	45.9
07:00 PM - 08:00 PM	46.4	54.3	45.5
08:00 PM - 09:00 PM	47.9	64.5	45.8
09:00 PM - 10:00 PM	47.1	58.6	46.5
10:00 PM - 11:00 PM	46.4	59.2	45.4
11:00 PM - 12:00 AM	47.7	50.5	47.1
12:00 AM - 01:00 AM	47.8	58.2	47.1
01:00 AM - 02:00 AM	49.0	51.7	48.4
02:00 AM - 03:00 AM	50.1	58.7	48.8
03:00 AM - 04:00 AM	49.5	59.2	48.6
04:00 AM - 05:00 AM	50.6	60.9	49.0
05:00 AM - 06:00 AM	58.5	84.6	49.8
06:00 AM - 07:00 AM	63.8	89.8	51.7
07:00 AM - 08:00 AM	54.4	73.8	47.7
08:00 AM - 09:00 AM	57.0	77.1	44.9
09:00 AM - 10:00 AM	55.0	77.6	44.0
10:00 AM - 11:00 AM	52.5	79.2	40.4
11:00 AM - 12:00 PM	41.1	68.8	38.1

Leq Average 24 hrs. (dB(A)) 56.8  
Lmax (dB(A)) 89.8  
L90 (dB(A)) 45.8  
Ldn (dB(A)) 62.7  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

8525-209/ EMAIL

## ภาคผนวก ค-5

---

ผลการตรวจวิเคราะห์คุณภาพน้ำทิ้ง





## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Water Testing

Project Location : AIE\_SSLC-SE Plant



TESTING  
No.0042

Lot ID: 21146999

Date Received : Jan 20, 2022

Date Reported : Jan 27, 2022

Report Number : 2178534-1

Page 1 of 1

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2	<2	≤20	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	56	≤120	APHA (2017), 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
pH at 25 degree C	-	-	-	8.2	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1170	≤3000	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	9	≤50	APHA (2017), 2540 D	Rayong

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Thanasoun Namakunna

**Remark :**

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

Technical Management

N. Banthongkit

Narumon Banchongkit  
Supervisor  
โทรเลขเลขที่ ๖-323-๙-9445

Approved by

D. Changchon

Dej Changchon  
Senior Manager  
โทรเลขเลขที่ ๖-323-๙-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7780-41/ EMAIL

S:\Reports\AI\_GL\_rpt (11:50AM)



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :

Project Name : Water Testing

Project Location : AIE\_SSLC-SE Plant



TESTING  
No.0042

Lot ID: 221684

Date Received : Feb 03, 2022

Date Reported : Feb 10, 2022

Report Number : 2195384-1

Page 1 of 1

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2	<2	≤20	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	53	≤120	APHA (2017), 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
pH at 25 degree C	-	-	-	7.9	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1530	≤3000	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	≤50	APHA (2017), 2540 D	Rayong

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Chainasorn Lertnathakunhai

**Remark :**

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

Technical Management

N. Banthongkit

Narumon Banchongkit  
Supervisor  
โทรเลขเลขที่ ๖-323-๙-9445

Approved by

D. Changchon

Dej Changchon  
Senior Manager  
โทรเลขเลขที่ ๖-323-๙-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7780-41/ EMAIL

S:\Reports\AI\_GL\_rpt (9:43AM)



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O : 4701166455

Project Name : Water Testing

Project Location : AIE\_SSLC-SE Plant



TESTING  
No.0042

Lot ID: 2219157

Date Received : Mar 09, 2022

Date Reported : Mar 15, 2022

Report Number : 2230397-1

Page 1 of 1

**Sample Number** 2219157-1  
**Sampled Date** Mar 09, 2022 9:45 AM  
**Sample Description** Blowdown Water  
**Location** SE Cooling Tower  
**Date Analysis Commenced** Mar 10, 2022  
**Condition of Sample** Contained in two amber glass bottles and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2	<2	≤20	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	49	≤120	APHA (2017), 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1570	≤3000	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	≤50	APHA (2017), 2540 D	Rayong

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Wanlop Hunchanaow

Remark :

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

Technical Management

N. Banphit

Narumon Banchongkit  
Supervisor  
โทรศัพท์ 323-9-9445

Approved by

D. Chumman

Dej Changchon  
Senior Manager  
โทรศัพท์ 323-9-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7780-41/ EMAIL

S:\Reports\_AI\_GL.rpt ( 3:11PM)



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O : 4701166455

Project Name : Water Testing

Project Location : AIE\_SSLC-SE Plant



TESTING  
No.0042

Lot ID: 2225761

Date Received : Apr 05, 2022

Date Reported : Apr 12, 2022

Report Number : 2243370-1

Page 1 of 1

**Sample Number** 2225761-1  
**Sampled Date** Apr 05, 2022 10:20 AM  
**Sample Description** Blowdown Water  
**Location** SE Cooling Tower  
**Date Analysis Commenced** Apr 06, 2022  
**Condition of Sample** Contained in two amber glass bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2	<2	≤20	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	63	≤120	APHA (2017), 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
pH at 25 degree C		-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1530	≤3000	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	≤50	APHA (2017), 2540 D	Rayong

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Chainorn Lertnanthakunchai

Remark :

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

Technical Management

N. Banphit

Narumon Banchongkit  
Supervisor  
โทรศัพท์ 323-9-9445

Approved by

D. Chumman

Dej Changchon  
Senior Manager  
โทรศัพท์ 323-9-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7780-41/ EMAIL

S:\Reports\_AI\_GL.rpt ( 3:42PM)





## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O : 4701166455

Project Name : Water Testing

Project Location: AIE\_SSLC-SE Plant



TESTING  
No.0042

Lot ID: 2238938

Date Received : May 06, 2022

Date Reported : May 12, 2022

Report Number : 2271976-1

Page 1 of 1

Sample Number	2238938-1
Sampled Date	May 06, 2022 9:45 AM
Sample Description	Blowdown Water
Location	SE Cooling Tower
Date Analysis Commenced	May 07, 2022
Condition of Sample	Contained in two amber glass bottles and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2	<2	≤20	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	58	≤120	APHA (2017), 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
pH at 25 degree C	-	-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1720	≤3000	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	6	≤50	APHA (2017), 2540 D	Rayong

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Pathompong Kornasawit

Remark :

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

Technical Management

*N. Banongkit*

Narumon Banchongkit  
Supervisor  
โทรศัพท์ 0-323-9-9445

Approved by

*D. Changchon*

Dej Changchon  
Senior Manager  
โทรศัพท์ 0-323-9-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER

7780-41/ EMAIL

S:\Reports\AL\_GL.rpt ( 8:26PM)



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O : 4701166455

Project Name : Water Testing

Project Location: AIE\_SSLC-SE Plant



TESTING  
No.0042

Lot ID: 2258001

Date Received : Jun 08, 2022

Date Reported : Jun 15, 2022

Report Number : 2313291-1

Page 1 of 1

Sample Number	2258001-1
Sampled Date	Jun 08, 2022 9:45 AM
Sample Description	Blowdown Water
Location	SE Cooling Tower
Date Analysis Commenced	Jun 08, 2022
Condition of Sample	Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 Degree C)	mg/L	-	2	3	≤20	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	60	≤120	APHA (2017), 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
pH at 25 degree C	-	-	-	8.1	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1530	≤3000	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	≤50	APHA (2017), 2540 D	Rayong

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Wanlop Hunchainaw

Remark :

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

Technical Management

*N. Banongkit*

Narumon Banchongkit  
Supervisor  
โทรศัพท์ 0-323-9-9445

Approved by

*D. Changchon*

Dej Changchon  
Senior Manager  
โทรศัพท์ 0-323-9-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER

7780-41/ EMAIL

S:\Reports\AL\_GL.rpt ( 2:00PM)

## ภาคผนวก ค-6

---

ผลการตรวจวิเคราะห์คุณภาพน้ำใต้ดิน





## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O : 4512886714

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 21152679

Date Received : Mar 25, 2022

Date Reported : Apr 01, 2022

Report Number : 2273265-1

Page 1 of 1

Sample Number 21152679-1  
Sampled Date Mar 25, 2022 10:30 AM  
Sample Description Groundwater  
Location MW-4  
Date Analysis Commenced Mar 26, 2022  
Condition of Sample Contained in two vials and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	4.2	6.5-9.2 (I)	Based on APHA (2017), 4500-H (B)	Rayong

**Guideline :** Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

(I) : ในกรณีที่มีการปนเปื้อนของมลพิษต่าง ๆ ในปริมาณที่เกินกว่าค่าที่อนุญาตจากเกณฑ์ค่าอย่างปลอดภัยน้ำที่ใช้ในการติดตามตรวจสอบการปนเปื้อนกับมลพิษที่จากจุดเก็บตัวอย่างเพื่อให้น้ำใช้เป็นบ่อเลี้ยงสัตว์น้ำทางการประมงน้ำใต้ดินในพื้นที่ โดยค่าที่เลือกเปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และไม่อยู่นอกช่วงค่าเกณฑ์ของโมเดลสูงสุดของมาตรฐานคุณภาพน้ำบาดาลที่ใช้บริโภคคือ 6.5-9.2

Sampled By : Pathompong Kornasawat, Thanasoun Namakunna

Remark :

- LOD : Limit of Detection

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

Technical Management

N. Banngkit

Narumon Banchongkit  
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon  
Senior Manager

ทะเบียนเลขที่ ว-323-ก-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Phrakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7780-31/ EMAIL

S:\Reports\AI\_GL.rpt ( 2:55PM)



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O : 4512886714

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 21152679

Date Received : Mar 25, 2022

Date Reported : Apr 02, 2022

Report Number : 2273265-2

Page 1 of 1

Sample Number 21152679-1  
Sampled Date Mar 25, 2022 10:30 AM  
Sample Description Groundwater  
Location MW-4  
Date Analysis Commenced Mar 26, 2022  
Condition of Sample Contained in two vials and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Organic Compounds							
n-Hexane	mg/L	-	0.001	<0.001	11	Based on APHA (2017), 6200B	Bangkok
Volatile Organics Compounds							
Toluene	mg/L	0.00012	0.0005	Not Detected	5.0	Based on APHA (2017), 6200B	Bangkok

**Guideline :** Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Pathompong Kornasawat, Thanasoun Namakunna

Remark :

- LOD : Limit of Detection

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

Technical Management

Nant Somb

Nanthawadee Somboon  
Specialist 1

ทะเบียนเลขที่ ว-204-จ-4716

Approved by

Kanokkorn Anek

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ก-6111

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7780-31/ EMAIL

S:\Reports\AI\_GL.rpt (10:46AM)



## Analysis / Test Report

**Client :** Siam Synthetic Latex Co., Ltd.  
10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130  
**P/O :** 4512886714  
**Project Name :** Environmental Quality Monitoring  
**Project Location:** AIE\_SSLC-SE Plant

**Lot ID: 21152679**  
**Date Received :** Mar 25, 2022  
**Date Reported :** Apr 01, 2022  
**Report Number :** 2273266-1

Page 1 of 1

**Sample Number** 21152679-2  
**Sampled Date** Mar 25, 2022 11:20 AM  
**Sample Description** Groundwater  
**Location** MW-6  
**Date Analysis Commenced** Mar 26, 2022  
**Condition of Sample** Contained in two vials and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	6.8	6.5-9.2 (I)	Based on APHA (2017), 4500-H (B)	Rayong

**Guideline :** Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

(I): ในกรณีที่มีกรปนเปื้อนของกรหรือค่าใดค่าหนึ่งเกินขีดจำกัดที่กำหนดไว้ในการติดตามตรวจสอบการปนเปื้อนกับผลวิเคราะห์จากจุดเก็บตัวอย่างต่อเนื่องที่ใช้เป็นบ่งชี้ถึงระดับทิศทางกรของน้ำใต้ดินในพื้นที่ โดยค่าที่เอชทีเปลี่ยนแปลจะส่งต่อไปยังหนึ่งระดับ และไม่อยู่กรของค่าเกณฑ์อนุโลมสูงสุดของมาตรฐานคุณภาพน้ำบาดาลที่ใช้บริโภคคือ 6.5-9.2

**Sampled By :** Pathompong Kornasawat, Thanasoun Namakunna

**Remark :**

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

Technical Management

*N. Banongkit*

Narumon Banchongkit  
Supervisor  
ทะเบียนเลขที่ 7-323-จ-9445

Approved by

*D. Changchon*

Dej Changchon  
Senior Manager  
ทะเบียนเลขที่ 7-323-ค-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand PHONE +66 0 3304 8555 FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7760-31/ EMAIL

S:\Reports\AI\_GL\_rpt ( 2:55PM)



## Analysis / Test Report

**Client :** Siam Synthetic Latex Co., Ltd.  
10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130  
**P/O :** 4512886714  
**Project Name :** Environmental Quality Monitoring  
**Project Location:** AIE\_SSLC-SE Plant

**Lot ID: 21152679**  
**Date Received :** Mar 25, 2022  
**Date Reported :** Apr 02, 2022  
**Report Number :** 2273266-2

Page 1 of 1

**Sample Number** 21152679-2  
**Sampled Date** Mar 25, 2022 11:20 AM  
**Sample Description** Groundwater  
**Location** MW-6  
**Date Analysis Commenced** Mar 26, 2022  
**Condition of Sample** Contained in two vials and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Organic Compounds</b>							
n-Hexane	mg/L	-	0.001	<0.001	11	Based on APHA (2017), 6200B	Bangkok
<b>Volatile Organics Compounds</b>							
Toluene	mg/L	0.00012	0.0005	Not Detected	5.0	Based on APHA (2017), 6200B	Bangkok

**Guideline :** Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

**Sampled By :** Pathompong Kornasawat, Thanasoun Namakunna

**Remark :**

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

Technical Management

*Nant Somb*

Nanthawadee Somboon  
Specialist 1  
ทะเบียนเลขที่ 7-204-จ-4716

Approved by

*Kanokkorn Anek*

Kanokkorn Anek  
Senior Manager  
ทะเบียนเลขที่ 7-204-ค-6111

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand PHONE +66 0 2760 3000 FAX +66 0 2760 3197  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7760-31/ EMAIL

S:\Reports\AI\_GL\_rpt (10:46AM)





## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O : 4512886714

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 21152679

Date Received : Mar 25, 2022

Date Reported : Apr 01, 2022

Report Number : 2273267-1

Page 1 of 1

Sample Number 21152679-3  
 Sampled Date Mar 25, 2022 11:50 AM  
 Sample Description Groundwater  
 Location MW-8  
 Date Analysis Commenced Mar 26, 2022  
 Condition of Sample Contained in two vials and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	6.2	6.5-9.2 (I)	Based on APHA (2017), 4500-H (B)	Rayong

**Guideline :** Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

(I): ในกรณีที่มีการปนเปื้อนของกรดหรือด่างไม่รุนแรงหรือค่าที่ต่ำกว่าค่าที่กำหนดไว้ใช้ในการติดตามตรวจสอบการปนเปื้อนกับผลวิเคราะห์จากจุดเก็บตัวอย่างเพื่อแจ้งให้หน่วยงานที่เกี่ยวข้องทราบโดยด่วนในกรณีที่โดยค่าที่เปลี่ยนแปลงจะส่งผลกระทบต่อสิ่งแวดล้อม และในกรณีที่ค่าของผลวิเคราะห์สูงกว่าค่าที่กำหนดไว้ให้รีบดำเนินการแก้ไข

Sampled By : Pathompong Kornasawat, Thanasoun Namakunna

Remark :

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

Technical Management

*N. Bancho*

Narumon Banchoangkit  
 Supervisor  
 ทะเบียนเลขที่ 2-323-2-9445

Approved by

*D. Changchon*

Dej Changchon  
 Senior Manager  
 ทะเบียนเลขที่ 2-323-2-9442

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
 ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7780-31/ EMAIL

S:\Reports\AI\_GL.rpt (2:56PM)



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O : 4512886714

Project Name : Environmental Quality Monitoring

Project Location : AIE\_SSLC-SE Plant

Lot ID: 21152679

Date Received : Mar 25, 2022

Date Reported : Apr 02, 2022

Report Number : 2273267-2

Page 1 of 1

Sample Number 21152679-3  
 Sampled Date Mar 25, 2022 11:50 AM  
 Sample Description Groundwater  
 Location MW-8  
 Date Analysis Commenced Mar 26, 2022  
 Condition of Sample Contained in two vials and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Organic Compounds							
n-Hexane	mg/L	-	0.001	<0.001	11	Based on APHA (2017), 6200B	Bangkok
Volatile Organics Compounds							
Toluene	mg/L	0.00012	0.0005	Not Detected	5.0	Based on APHA (2017), 6200B	Bangkok

**Guideline :** Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Pathompong Kornasawat, Thanasoun Namakunna

Remark :

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

Technical Management

*Nant Somb*

Nanthawadee Somboon  
 Specialist I  
 ทะเบียนเลขที่ 2-204-2-4716

Approved by

*Kanokkorn Anek*

Kanokkorn Anek  
 Senior Manager  
 ทะเบียนเลขที่ 2-204-2-6111

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197  
 ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7780-31/ EMAIL

S:\Reports\AI\_GL.rpt (10:46AM)

# ภาคผนวก ค-7

---

ผลการตรวจวัดความร้อน





## Analysis / Test Report

**Client :** Siam Synthetic Latex Co., Ltd.

10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang,  
Rayong 21130

**P/O :** 4512886714

**Project Name :** Environmental Quality Monitoring

**Project Location :** AIE\_SSLC-SE Plant

**Lot ID: 2235313**

Date Received : Apr 01, 2022

Date Reported : Apr 27, 2022

Report Number: 2297161-1

Page 1 of 1

**Sample Number** 2235313-1  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Apr 01, 2022  
**Measurement by** Norranon Tathongkham  
**Location** ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณพื้นที่สวนท่าเหม็ดพลาสติก	120	28.5	26.4	33.5	33.2
Average (WBGT)		28.5			
Guideline WBGT (°C)		32.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

**Note:**

This Analysis test report is reissued to supersede report No. 2263557-1 Date Reported : Apr 05, 2022 due to revise guideline/specification

Technical Management

Supot Salamteh  
Section Head

Approved by

Wichan Choonharat  
Assistant Manager

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER

## ภาคผนวก ค-8

---

ผลการตรวจวัดระดับเสียงในบริเวณการทำงาน (Leq 8 hrs)





## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.  
10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130  
P/O :  
Project Name : Environmental Quality Monitoring  
Project Location : AIE\_SSLC-SE Plant

Lot ID: 222941  
Date Received : Feb 09, 2022  
Date Reported : Feb 12, 2022  
Report Number: 2232994-1

Page 1 of 1

Sample Number : 222941-1  
Parameter : Noise (Leq 8 hrs.)  
Location : Present Production/ Process Line  
Measurement Date : Feb 07, 2022  
Measurement by : Norranon Tathongkham

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:12 AM - 10:12 AM	77.9	89.6	77.6
10:12 AM - 11:12 AM	77.7	79.2	77.5
11:12 AM - 12:12 PM	77.8	78.9	77.6
12:12 PM - 01:12 PM	77.8	78.6	77.6
01:12 PM - 02:12 PM	77.9	78.8	77.6
02:12 PM - 03:12 PM	77.6	78.5	77.4
03:12 PM - 04:12 PM	77.6	79.7	77.4
04:12 PM - 05:12 PM	77.7	78.8	77.5

Leq Average 8 hrs. (dB(A)) : 77.8  
Lmax (dB(A)) : 89.6  
Standard (dB(A)) : 90  
Reference Method : Based on ISO1996-1 and 1996-2  
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7780-31/ EMAIL

S:\Reports\Air Noise rpt ( 9:07AM)



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.  
10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130  
P/O :  
Project Name : Environmental Quality Monitoring  
Project Location : AIE\_SSLC-SE Plant

Lot ID: 222941  
Date Received : Feb 09, 2022  
Date Reported : Feb 12, 2022  
Report Number: 2232995-1

Page 1 of 1

Sample Number : 222941-2  
Parameter : Noise (Leq 8 hrs.)  
Location : Cooling Tower  
Measurement Date : Feb 07, 2022  
Measurement by : Norranon Tathongkham

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:15 AM - 10:15 AM	71.6	86.1	70.9
10:15 AM - 11:15 AM	70.5	72.3	70.2
11:15 AM - 12:15 PM	70.3	71.3	70.0
12:15 PM - 01:15 PM	70.3	71.7	70.1
01:15 PM - 02:15 PM	70.5	73.4	70.2
02:15 PM - 03:15 PM	70.6	79.9	70.4
03:15 PM - 04:15 PM	70.5	71.5	70.2
04:15 PM - 05:15 PM	70.4	73.3	70.1

Leq Average 8 hrs. (dB(A)) : 70.6  
Lmax (dB(A)) : 86.1  
Standard (dB(A)) : 90  
Reference Method : Based on ISO1996-1 and 1996-2  
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management

Thanita K.

Thanita Kulsuriwong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

7780-31/ EMAIL

S:\Reports\Air Noise rpt ( 9:07AM)



## Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.  
10/1 Moo 2, Asia Industrial Estate, Tambol Banchang, Amphur Banchang, Rayong 21130

P/O :  
Project Name : Environmental Quality Monitoring  
Project Location : AIE\_SSLC-SE Plant

Lot ID: 222941  
Date Received : Feb 09, 2022  
Date Reported : Feb 12, 2022  
Report Number: 2232996-1

Page 1 of 1

Sample Number : 222941-3  
Parameter : Noise (Leq 8 hrs.)  
Location : Solvent Recovery  
Measurement Date : Feb 07, 2022  
Measurement by : Norranon Tathongkham

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:20 AM - 10:20 AM	70.9	83.4	69.8
10:20 AM - 11:20 AM	71.4	87.8	69.9
11:20 AM - 12:20 PM	70.2	73.1	69.8
12:20 PM - 01:20 PM	70.2	71.5	69.8
01:20 PM - 02:20 PM	71.4	87.6	69.9
02:20 PM - 03:20 PM	72.3	87.9	69.8
03:20 PM - 04:20 PM	71.8	88.2	70.3
04:20 PM - 05:20 PM	71.4	83.9	70.3

Leq Average 8 hrs. (dB(A))

71.3

Lmax (dB(A))

88.2

Standard (dB(A))

90

140

Reference Method : Based on ISO1596-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรฐานคุ้มครองความปลอดภัย  
ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๕๖

Technical Management

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER