

ผลการทดสอบคุณภาพอากาศในปล่องระบาย



Request No. LA65-0322

Report No. 6504-0027

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
 ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE POINT : Furnace Stack
 SAMPLING DATE : 18/03/2022 SAMPLE NO. : 01352
 RECEIVED DATE : 23/03/2022 SAMPLING TIME : 09:55-10:00
 TESTED DATE : 23-30/03/2022 REPORTED DATE : 02/04/2022

STACK DESCRIPTION

Height :	26.32	m	Type of Process :	Combustion
Diameter :	1.85	m	Type of Fuel :	Natural Gas
Temperature :	93.00	°C	Oxygen Content :	18.85 %
Air Velocity :	10.36	m/s	Barometric Pressure :	754.75 mm.Hg
Flow rate ⁴ :	21.71	m ³ /s	Atmospheric Temperature :	32.00 °C
Moisture Content :	3.59	%		

PARAMETER*	TEST METHOD	TIME	RESULT ⁴		STD ¹	UNIT
			18.85 % O ₂	7 % O ₂		
Oxides of Nitrogen	Chemical Absorption,	09:55-10:00	25.3	171.5	376, 339 ³	mg/m ³
(NO _x as NO ₂)	Colorimetric		13.4	90.9	200, 180 ³	ppm
			2.545	-	3.36 ²	kg/rai/day

REMARK:

¹ NOTIFICATION OF THE MINISTRY OF INDUSTRY B.E. 2549 (2006)² NOTIFICATION OF THAILAND INDUSTRIAL ESTATE AUTHORITY NO. 79/2549(GENERAL INDUSTRIAL ZONE) CALCULATE FOR FACTORY AREA 18.65 RAI, LOCATED AT
LAEMCHABANG INDUSTRIAL ESTATE, ALL HEIGHT OF STACK, OPERATION TIME 24 HRS.³ STANDARD OF EIA REPORT⁴ DRY BASIS (25°C, 760 mm.Hg)⁵ RESULTS OF ACTUAL %O₂

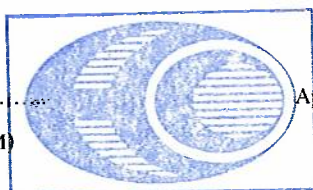
* SAMPLING BY MR. METEE SUKPRASERT (จ-003-ฉ-8333)

Examined By.....

(MISS APIRADEE CHUEN-AROM)

(จ-003-ค-4377)

02/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MR. THONGCHAI BOONSAK)

(จ-003-ค-5618)

02/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-0322

Report No. 6504-0025

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
 ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate. Sriracha, Chonburi
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE POINT : Furnace Stack
 SAMPLING DATE : 18/03/2022 SAMPLE NO. : 01350
 RECEIVED DATE : 23/03/2022 SAMPLING TIME : 09:40-10:22
 TESTED DATE : 23-24/03/2022 REPORTED DATE : 02/04/2022

STACK DESCRIPTION

Height :	26.32	m	Type of Process :	Combustion
Diameter :	1.85	m	Type of Fuel :	Natural Gas
Temperature :	93.00	°C	Oxygen Content :	18.85 %
Air Velocity :	10.36	m/s	Barometric Pressure :	754.75 mm.Hg
Flow rate ⁴ :	21.71	m ³ /s	Atmospheric Temperature :	32.00 °C
Moisture Content :	3.59	%		

PARAMETER*	TEST METHOD	TIME	RESULT ⁴		STD ¹	UNIT
			18.85 % O ₂	7 % O ₂		
Particulate	Isokinetic, Gravimetric	09:40-10:22	1.8	12.2	240, 150 ³	mg/m ³
(TSP)			0.181	-	2.72 ²	kg/rai/day

REMARK:¹ NOTIFICATION OF THE MINISTRY OF INDUSTRY B.E. 2549 (2006)² NOTIFICATION OF THAILAND INDUSTRIAL ESTATE AUTHORITY NO. 79/2549(GENERAL INDUSTRIAL ZONE) CALCULATE FOR FACTORY AREA 18.65 RAI, LOCATED AT
LAEMCHABANG INDUSTRIAL ESTATE, ALL HEIGHT OF STACK, OPERATION TIME 24 HRS.³ STANDARD OF EIA REPORT⁴ DRY BASIS (25°C, 760 mm.Hg)

* SAMPLING BY MR. METEE SUKPRASERT (ว-003-ก-8333)

Examined By.....
(MISS APIRADEE CHUEN-AROM)

(ว-003-ก-4377)

02/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....
(MR. THONGCHAI BOONSAK)

(ว-003-ก-5618)

02/04/2022

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Request No. LA65-0322

Report No. 6504-0029

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate. Sriracha, Chonburi

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : Furnace Stack

SAMPLING DATE : 18/03/2022

SAMPLE NO. : 01362-01364

RECEIVED DATE : 23/03/2022

SAMPLING TIME : 09:40-10:22

TESTED DATE : 18-23/03/2022

REPORTED DATE : 02/04/2022

STACK DESCRIPTION

Height :	26.32	m	Type of Process :	Combustion
Diameter :	1.85	m	Type of Fuel :	Natural Gas
Temperature :	93.00	°C	Oxygen Content :	18.85 %
Air Velocity :	-	m/s	Barometric Pressure :	754.75 mm.Hg
Flow rate ¹ :	-	m ³ /s	Atmospheric Temperature :	32.00 °C
Moisture Content :	3.59	%		

PARAMETER*	TEST METHOD	TIME	RESULT ¹	UNIT
Static pressure	Pilot tube Technique (U.S.EPA Method 2)	09:40-10:22	-0.274419505	mbar
Air Velocity	Pilot tube Technique (U.S.EPA Method 2)	09:40-10:22	10.36	m/s
Flow rate ¹	Pilot tube Technique (U.S.EPA Method 2)	09:40-10:22	21.71	m ³ /s

REMARK:¹ DRY BASIS (25°C, 760 mm.Hg)

* PARAMETER OUTSIDE THE SCOPE OF THE REGISTRATION
OF THE MINISTRY OF INDUSTRY
SAMPLING BY MR. METEE SUKPRASERT



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

Thongchai Boonsak

(MR. THONGCHAI BOONSAK)

02/04/2022

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ผลการทดสอบคุณภาพอากาศในบรรยากาศ

Request No. ATR6503058

Report No. 6503-1018 - 6503-1024

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co.,Ltd.
 ADDRESS : 38/32 Moo.5 Laem Chabang Industrial Estate, Sriracha , Chonburi , 20230
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE NAME : วัดบ้านนา
 RECEIVED DATE : 29/03/2022 SAMPLE NO. : A65031018 - A65031024
 TESTED DATE : 29/03/2022-30/03/2022 REPORTED DATE : 02/04/2022

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ¹	UNIT
Particulate matter less than or Equal					
10 micrometers (PM 10)	Gravimetric Method	15-16/03/2022	0.060	0.12	mg/m ³
		16-17/03/2022	0.061	0.12	mg/m ³
		17-18/03/2022	0.067	0.12	mg/m ³
		18-19/03/2022	0.091	0.12	mg/m ³
		19-20/03/2022	0.070	0.12	mg/m ³
		20-21/03/2022	0.072	0.12	mg/m ³
		21-22/03/2022	0.092	0.12	mg/m ³

REMARK:

¹ Notification of The National Environmental Board Volume 24 B.E.2547 (2004) Standard for 24-hr Average.

* Parameter Outside The Scope of The Registration of The Department of Industrial Works.

(Sampling By Mr. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsopon)

02/04/2022

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Request No. ATR6503058

Report No. 6503-1025 - 6503-1031

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co.,Ltd.
 ADDRESS : 38/32 Moo.5 Laem Chabang Industrial Estate, Sriracha , Chonburi , 20230
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE NAME : บ้านมโนรม
 RECEIVED DATE : 29/03/2022 SAMPLE NO. : A65031025 - A65031031
 TESTED DATE : 29/03/2022-30/03/2022 REPORTED DATE : 02/04/2022

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ¹	UNIT
Particulate matter less than or Equal					
10 micrometers (PM 10)	Gravimetric Method	15-16/03/2022	0.041	0.12	mg/m ³
		16-17/03/2022	0.032	0.12	mg/m ³
		17-18/03/2022	0.043	0.12	mg/m ³
		18-19/03/2022	0.036	0.12	mg/m ³
		19-20/03/2022	0.032	0.12	mg/m ³
		20-21/03/2022	0.025	0.12	mg/m ³
		21-22/03/2022	0.019	0.12	mg/m ³

REMARK:

¹ Notification of The National Environmental Board Volume 24 B.E.2547 (2004) Standard for 24-hr Average.

* Parameter Outside The Scope of The Registration of The Department of Industrial Works.

(Sampling By Mr. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 

(Miss Thanatporn Klinsoon)

02/04/2022

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Request No. LA65-R0380

Report No. R6503-1629 – R6503-1635

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
SAMPLE POINT : วัดบ้านนา
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : Horiba APNA-370 S/N XXSSJ4FM

SAMPLE NO. : 04126-04132
SAMPLING DATE : 15-22/03/2022
RECEIVED DATE : 22/03/2022
REPORTED DATE : 31/03/2022

TIME / DATE	15-16/03/2022	16-17/03/2022	17-18/03/2022	UNIT
09:00 – 10:00 ²	0.005	0.003	0.003	ppm
10:00 – 11:00	0.009	0.004	0.004	ppm
11:00 – 12:00	0.007	0.004	0.004	ppm
12:00 – 13:00	0.006	0.004	0.004	ppm
13:00 – 14:00	0.006	0.004	0.003	ppm
14:00 – 15:00	0.005	0.003	0.004	ppm
15:00 – 16:00	0.005	0.003	0.004	ppm
16:00 – 17:00	0.004	0.003	0.004	ppm
17:00 – 18:00	0.004	0.003	0.004	ppm
18:00 – 19:00	0.004	0.003	0.010	ppm
19:00 – 20:00	0.003	0.003	0.005	ppm
20:00 – 21:00	0.003	0.003	0.002	ppm
21:00 – 22:00	0.004	0.003	0.002	ppm
22:00 – 23:00	0.004	0.003	0.004	ppm
23:00 – 00:00	0.003	0.003	0.003	ppm
00:00 – 01:00	0.003	0.003	0.003	ppm
01:00 – 02:00	0.003	0.003	0.003	ppm
02:00 – 03:00	0.003	0.003	0.003	ppm
03:00 – 04:00	0.003	0.004	0.003	ppm
04:00 – 05:00	0.003	0.005	0.005	ppm
05:00 – 06:00	0.006	0.009	0.008	ppm
06:00 – 07:00	0.006	0.009	0.007	ppm
07:00 – 08:00	0.003	0.004	0.004	ppm
08:00 – 09:00	0.003	0.003	0.003	ppm
Maximum 1 hr.	0.009	0.009	0.010	ppm
Average 24 hr.	0.004	0.004	0.004	ppm
Standard (1 hr.) ¹	0.17	0.17	0.17	ppm

REMARK : ¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)² Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Phatankhum)

Approved By.....

(MS. THANATPORN KLINSOPON)

31/03/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
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Request No. LA65-R0380

Report No. R6503-1629 – R6503-1635

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
SAMPLE POINT : วัดบ้านนา
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : Horiba APNA-370 S/N XXSSJ4FM

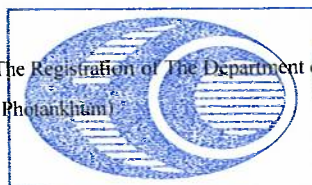
SAMPLE NO. : 04126-04132
SAMPLING DATE : 15-22/03/2022
RECEIVED DATE : 22/03/2022
REPORTED DATE : 31/03/2022

TIME / DATE	18-19/03/2022	19-20/03/2022	20-21/03/2022	UNIT
09:00 – 10:00 ²	0.003	0.006	0.004	ppm
10:00 – 11:00	0.003	0.006	0.004	ppm
11:00 – 12:00	0.003	0.005	0.003	ppm
12:00 – 13:00	0.004	0.005	0.004	ppm
13:00 – 14:00	0.005	0.004	0.004	ppm
14:00 – 15:00	0.005	0.004	0.004	ppm
15:00 – 16:00	0.008	0.005	0.006	ppm
16:00 – 17:00	0.009	0.004	0.009	ppm
17:00 – 18:00	0.012	0.003	0.008	ppm
18:00 – 19:00	0.011	0.003	0.014	ppm
19:00 – 20:00	0.011	0.004	0.013	ppm
20:00 – 21:00	0.008	0.006	0.014	ppm
21:00 – 22:00	0.005	0.005	0.006	ppm
22:00 – 23:00	0.007	0.005	0.004	ppm
23:00 – 00:00	0.002	0.005	0.006	ppm
00:00 – 01:00	0.005	0.007	0.004	ppm
01:00 – 02:00	0.004	0.006	0.002	ppm
02:00 – 03:00	0.006	0.006	0.002	ppm
03:00 – 04:00	0.005	0.005	0.002	ppm
04:00 – 05:00	0.013	0.006	0.004	ppm
05:00 – 06:00	0.017	0.007	0.012	ppm
06:00 – 07:00	0.019	0.009	0.018	ppm
07:00 – 08:00	0.016	0.008	0.015	ppm
08:00 – 09:00	0.012	0.005	0.007	ppm
Maximum 1 hr.	0.019	0.009	0.018	ppm
Average 24 hr.	0.008	0.005	0.007	ppm
Standard (1 hr.) ¹	0.17	0.17	0.17	ppm

REMARK :

¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)² Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Photankham)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

31/03/2022

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Request No. LA65-R0380

Report No. R6503-1629 – R6503-1635

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
 ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE POINT : วัดบ้านนา SAMPLE NO. : 04126-04132
 PARAMETER* : Nitrogen Dioxide SAMPLING DATE : 15-22/03/2022
 DETERMINATION METHOD : Chemiluminescence RECEIVED DATE : 22/03/2022
 INSTRUMENT : Horiba APNA-370 S/N XXSSJ4FM REPORTED DATE : 31/03/2022

TIME / DATE	21-22/03/2022	UNIT
09:00 – 10:00 ²	0.003	ppm
10:00 – 11:00	0.003	ppm
11:00 – 12:00	0.005	ppm
12:00 – 13:00	0.016	ppm
13:00 – 14:00	0.018	ppm
14:00 – 15:00	0.009	ppm
15:00 – 16:00	0.004	ppm
16:00 – 17:00	0.004	ppm
17:00 – 18:00	0.005	ppm
18:00 – 19:00	0.006	ppm
19:00 – 20:00	0.007	ppm
20:00 – 21:00	0.009	ppm
21:00 – 22:00	0.009	ppm
22:00 – 23:00	0.009	ppm
23:00 – 00:00	0.008	ppm
00:00 – 01:00	0.008	ppm
01:00 – 02:00	0.006	ppm
02:00 – 03:00	0.006	ppm
03:00 – 04:00	0.008	ppm
04:00 – 05:00	0.011	ppm
05:00 – 06:00	0.015	ppm
06:00 – 07:00	0.020	ppm
07:00 – 08:00	0.017	ppm
08:00 – 09:00	0.010	ppm
Maximum 1 hr.	0.020	ppm
Average 24 hr.	0.009	ppm
Standard (1 hr.) ¹	0.17	ppm

REMARK : ¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)² Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Photakhum)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

31/03/2022

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Request No. LA65-R0380

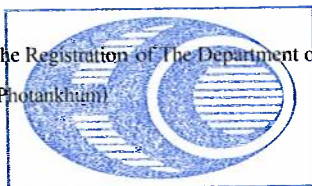
Report No. R6503-1636 – R6503-1642

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
 ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE POINT : บ้านมโนรม SAMPLE NO. : 04133-04139
 PARAMETER* : Nitrogen Dioxide SAMPLING DATE : 15-22/03/2022
 DETERMINATION METHOD : Chemiluminescence RECEIVED DATE : 22/03/2022
 INSTRUMENT : Environnement SA. AC32e S/N 693 REPORTED DATE : 31/03/2022

TIME / DATE	15-16/03/2022	16-17/03/2022	17-18/03/2022	UNIT
10:00 – 11:00 ²	0.009	0.007	0.017	ppm
11:00 – 12:00	0.008	0.009	0.010	ppm
12:00 – 13:00	0.006	0.010	0.016	ppm
13:00 – 14:00	0.006	0.012	0.022	ppm
14:00 – 15:00	0.007	0.014	0.028	ppm
15:00 – 16:00	0.006	0.013	0.019	ppm
16:00 – 17:00	0.007	0.009	0.011	ppm
17:00 – 18:00	0.009	0.009	0.011	ppm
18:00 – 19:00	0.012	0.011	0.008	ppm
19:00 – 20:00	0.009	0.008	0.007	ppm
20:00 – 21:00	0.010	0.007	0.008	ppm
21:00 – 22:00	0.011	0.006	0.007	ppm
22:00 – 23:00	0.010	0.007	0.006	ppm
23:00 – 00:00	0.007	0.008	0.006	ppm
00:00 – 01:00	0.008	0.007	0.008	ppm
01:00 – 02:00	0.007	0.007	0.012	ppm
02:00 – 03:00	0.008	0.008	0.015	ppm
03:00 – 04:00	0.010	0.009	0.011	ppm
04:00 – 05:00	0.010	0.005	0.009	ppm
05:00 – 06:00	0.014	0.009	0.008	ppm
06:00 – 07:00	0.009	0.011	0.007	ppm
07:00 – 08:00	0.007	0.008	0.005	ppm
08:00 – 09:00	0.007	0.008	0.006	ppm
09:00 – 10:00	0.008	0.008	0.009	ppm
Maximum 1 hr.	0.014	0.014	0.028	ppm
Average 24 hr.	0.008	0.009	0.011	ppm
Standard (1 hr.) ¹	0.17	0.17	0.17	ppm

REMARK :

¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)² Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Photankhum)

บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

31/03/2022

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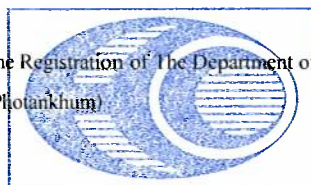
Request No. LA65-R0380

Report No. R6503-1636 – R6503-1642

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
 ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE POINT : บ้านมโนรม SAMPLE NO. : 04133-04139
 PARAMETER* : Nitrogen Dioxide SAMPLING DATE : 15-22/03/2022
 DETERMINATION METHOD : Chemiluminescence RECEIVED DATE : 22/03/2022
 INSTRUMENT : Environnement SA. AC32e S/N 693 REPORTED DATE : 31/03/2022

TIME / DATE	18-19/03/2022	19-20/03/2022	20-21/03/2022	UNIT
10:00 – 11:00 ²	0.013	0.013	0.014	ppm
11:00 – 12:00	0.016	0.011	0.008	ppm
12:00 – 13:00	0.015	0.009	0.006	ppm
13:00 – 14:00	0.021	0.008	0.005	ppm
14:00 – 15:00	0.024	0.007	0.004	ppm
15:00 – 16:00	0.022	0.012	0.004	ppm
16:00 – 17:00	0.018	0.020	0.005	ppm
17:00 – 18:00	0.021	0.018	0.005	ppm
18:00 – 19:00	0.020	0.017	0.006	ppm
19:00 – 20:00	0.020	0.015	0.008	ppm
20:00 – 21:00	0.017	0.013	0.008	ppm
21:00 – 22:00	0.018	0.014	0.005	ppm
22:00 – 23:00	0.016	0.012	0.008	ppm
23:00 – 00:00	0.015	0.009	0.006	ppm
00:00 – 01:00	0.021	0.006	0.006	ppm
01:00 – 02:00	0.016	0.005	0.006	ppm
02:00 – 03:00	0.014	0.004	0.009	ppm
03:00 – 04:00	0.012	0.012	0.006	ppm
04:00 – 05:00	0.015	0.013	0.008	ppm
05:00 – 06:00	0.009	0.009	0.013	ppm
06:00 – 07:00	0.018	0.015	0.015	ppm
07:00 – 08:00	0.010	0.020	0.015	ppm
08:00 – 09:00	0.010	0.017	0.014	ppm
09:00 – 10:00	0.013	0.016	0.011	ppm
Maximum 1 hr.	0.024	0.020	0.015	ppm
Average 24 hr.	0.016	0.012	0.008	ppm
Standard (1 hr.) ¹	0.17	0.17	0.17	ppm

REMARK : ¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)² Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Photankhum)

บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด

Approved By: 

(MS. THANATPORN KLINSOPON)

31/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0380

Report No. R6503-1636 – R6503-1642

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
 ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE POINT : บ้านมโนรม SAMPLE NO. : 04133-04139
 PARAMETER* : Nitrogen Dioxide SAMPLING DATE : 15-22/03/2022
 DETERMINATION METHOD : Chemiluminescence RECEIVED DATE : 22/03/2022
 INSTRUMENT : Environnement SA. AC32e S/N 693 REPORTED DATE : 31/03/2022

TIME / DATE	21-22/03/2022	UNIT
10:00 – 11:00 ²	0.013	ppm
11:00 – 12:00	0.010	ppm
12:00 – 13:00	0.011	ppm
13:00 – 14:00	0.010	ppm
14:00 – 15:00	0.018	ppm
15:00 – 16:00	0.009	ppm
16:00 – 17:00	0.010	ppm
17:00 – 18:00	0.011	ppm
18:00 – 19:00	0.014	ppm
19:00 – 20:00	0.010	ppm
20:00 – 21:00	0.014	ppm
21:00 – 22:00	0.013	ppm
22:00 – 23:00	0.021	ppm
23:00 – 00:00	0.019	ppm
00:00 – 01:00	0.019	ppm
01:00 – 02:00	0.015	ppm
02:00 – 03:00	0.018	ppm
03:00 – 04:00	0.013	ppm
04:00 – 05:00	0.013	ppm
05:00 – 06:00	0.015	ppm
06:00 – 07:00	0.021	ppm
07:00 – 08:00	0.023	ppm
08:00 – 09:00	0.014	ppm
09:00 – 10:00	0.014	ppm
Maximum 1 hr.	0.023	ppm
Average 24 hr.	0.014	ppm
Standard (1 hr.) ¹	0.17	ppm

REMARK : ¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)² Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Photankhum)Approved By: 

(MS. THANATPORN KLINSOPON)

31/03/2022

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Wind Speed & Wind Direction

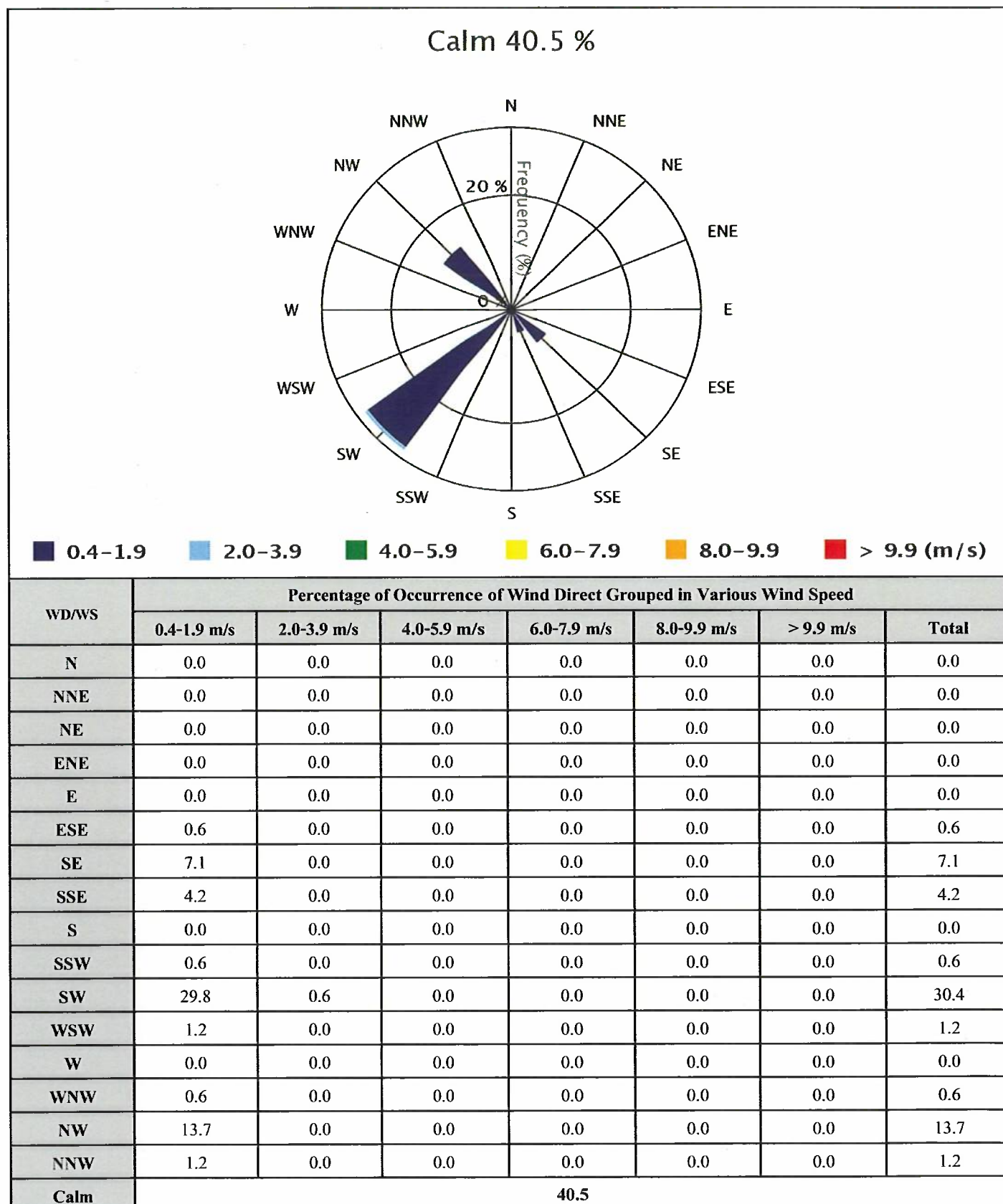
Request No. LA65-R0380

Meyer Aluminium (Thailand) Co., Ltd.

Sample No. 04141

Sampling Source : วัดบ้านนา

Sampling Date : March 15-22, 2022



Wind Speed & Wind Direction

Request No. LA65-R0380

Meyer Aluminium (Thailand) Co., Ltd.

Sample No. 04141

Sampling Source : วัดบ้านนา

Sampling Date : March 15-22, 2022

Time	March 15-16, 2022		March 16-17, 2022		March 17-18, 2022		March 18-19, 2022		March 19-20, 2022		March 20-21, 2022		March 21-22, 2022	
	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction
09:00-10:00	0.0	-	0.4	SW	0.4	SW	0.0	-	0.0	-	0.9	SW	0.4	SSE
10:00-11:00	0.4	SW	0.4	SW	0.4	SW	0.4	SW	0.4	NW	0.4	SE	0.9	SW
11:00-12:00	0.9	SW	0.9	NW	0.9	SW	0.4	NW	0.4	NW	1.3	SW	0.9	SW
12:00-13:00	0.9	SW	1.3	NW	0.9	NW	1.3	NW	0.9	NW	0.9	SW	0.9	SW
13:00-14:00	1.3	NW	0.9	SW	1.3	NW	1.8	SW	0.4	NW	0.9	NW	1.3	SW
14:00-15:00	1.3	NW	1.3	NW	1.3	NW	2.2	SW	0.9	NW	0.9	NNW	0.4	SE
15:00-16:00	1.8	NW	0.9	SW	1.3	NW	1.3	SW	0.9	NW	1.3	SE	0.4	SW
16:00-17:00	1.3	NW	0.9	SW	0.9	SE	0.9	SE	0.9	NW	0.4	NNW	0.9	SW
17:00-18:00	0.9	SW	1.3	NW	0.4	WSW	0.9	SE	0.4	NW	0.4	ESE	0.4	SW
18:00-19:00	0.9	SW	0.4	SW	0.4	WNW	0.4	SE	0.4	SW	0.0	-	0.9	SW
19:00-20:00	1.3	SW	0.9	SW	0.4	SSE	0.9	SE	0.4	SW	0.0	-	0.9	SW
20:00-21:00	0.9	SW	1.3	SW	0.4	SW	0.4	SSE	0.4	SW	0.0	-	0.4	SW
21:00-22:00	0.4	SW	0.9	SW	0.4	SW	0.4	SE	0.4	SW	0.0	-	0.4	SW
22:00-23:00	0.4	SW	0.4	SW	0.4	SW	1.3	SE	0.0	-	0.0	-	0.0	-
23:00-00:00	0.0	-	0.0	-	0.0	-	0.9	SE	0.0	-	0.0	-	0.0	-
00:00-01:00	0.0	-	0.0	-	0.0	-	0.4	SSE	0.0	-	0.0	-	0.0	-
01:00-02:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
02:00-03:00	0.0	-	0.0	-	0.0	-	0.0	-	0.4	SSE	0.4	SSW	0.0	-
03:00-04:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.4	WSW	0.0	-
04:00-05:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.9	SW	0.0	-
05:00-06:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.4	SSE	0.0	-
06:00-07:00	0.4	SW	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
07:00-08:00	0.0	-	0.0	-	0.0	-	0.0	-	0.4	SE	0.0	-	0.0	-
08:00-09:00	0.4	SW	0.4	SW	0.0	-	0.0	-	0.0	-	0.4	SSE	0.0	-

Wind Speed & Wind Direction

Request No. LA65-R0380

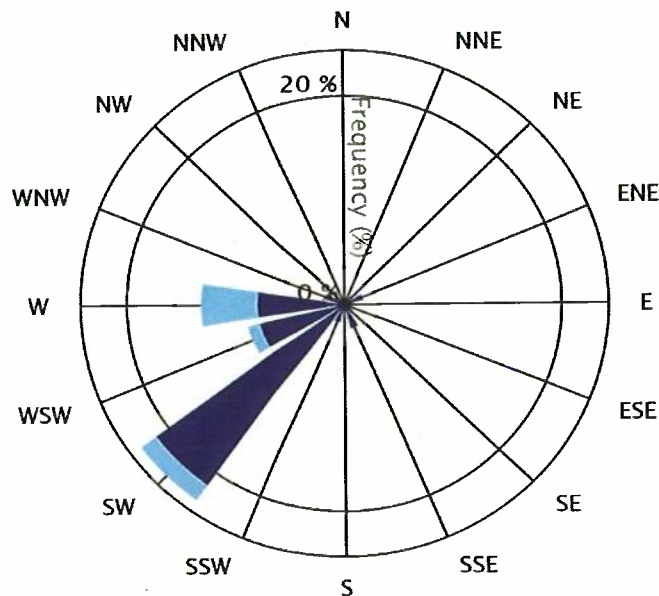
Meyer Aluminium (Thailand) Co., Ltd.

Sample No. 04140

Sampling Source : บ้านโนนรม

Sampling Date : March 15-22, 2022

Calm 45.8 %



0.4-1.9
 2.0-3.9
 4.0-5.9
 6.0-7.9
 8.0-9.9
 > 9.9 (m/s)

WD/WS	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.4-1.9 m/s	2.0-3.9 m/s	4.0-5.9 m/s	6.0-7.9 m/s	8.0-9.9 m/s	> 9.9 m/s	
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.6	0.0	0.0	0.0	0.0	0.0	0.6
ENE	1.8	0.0	0.0	0.0	0.0	0.0	1.8
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	2.4	0.0	0.0	0.0	0.0	0.0	2.4
S	0.6	0.0	0.0	0.0	0.0	0.0	0.6
SSW	1.8	0.0	0.0	0.0	0.0	0.0	1.8
SW	21.4	1.8	0.0	0.0	0.0	0.0	23.2
WSW	7.7	1.2	0.0	0.0	0.0	0.0	8.9
W	7.7	5.4	0.0	0.0	0.0	0.0	13.1
WNW	1.8	0.0	0.0	0.0	0.0	0.0	1.8
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Calm	45.8						

Wind Speed & Wind Direction

Request No. LA65-R0380

Meyer Aluminium (Thailand) Co., Ltd.

Sample No. 04140

Sampling Source : บ้านมโนรม

Sampling Date : March 15-22, 2022

Time	March 15-16, 2022		March 16-17, 2022		March 17-18, 2022		March 18-19, 2022		March 19-20, 2022		March 20-21, 2022		March 21-22, 2022	
	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction
10:00-11:00	0.4	WSW	1.8	WSW	0.9	SW	1.3	WSW	0.9	W	0.4	SW	0.9	SW
11:00-12:00	0.9	WSW	1.8	W	1.3	SW	1.3	WSW	1.3	W	0.9	SSE	1.3	SW
12:00-13:00	1.8	W	2.2	W	1.8	W	1.8	WNW	1.3	W	0.9	SSW	1.3	SW
13:00-14:00	1.8	W	2.2	W	2.2	W	2.2	SW	1.3	W	0.9	W	0.4	SSE
14:00-15:00	2.2	W	2.2	W	2.2	SW	0.9	S	1.3	W	1.3	WNW	0.0	-
15:00-16:00	2.2	W	2.2	WSW	2.2	W	0.9	SSE	1.8	W	0.9	W	0.4	SSW
16:00-17:00	2.2	W	1.8	WSW	0.9	ENE	0.4	SSW	1.3	WNW	0.4	ENE	0.4	SW
17:00-18:00	2.2	W	2.2	WSW	0.4	SW	0.4	SSE	1.3	W	0.4	ENE	0.9	SW
18:00-19:00	2.2	SW	1.8	SW	0.9	WSW	0.0	-	1.3	WSW	0.4	NE	0.9	SW
19:00-20:00	1.8	SW	1.3	SW	0.9	WSW	0.0	-	1.3	WSW	0.0	-	0.4	SW
20:00-21:00	1.3	SW	0.9	SW	0.0	-	0.0	-	0.9	WSW	0.0	-	0.4	SW
21:00-22:00	0.9	SW	0.4	SW	0.4	SW	0.0	-	0.4	SW	0.0	-	0.0	-
22:00-23:00	0.0	-	0.4	SW	0.4	SW	0.0	-	0.0	-	0.0	-	0.0	-
23:00-00:00	0.0	-	0.4	SW	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
00:00-01:00	0.4	SW	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
01:00-02:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
02:00-03:00	0.0	-	0.4	SW	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
03:00-04:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.4	SW	0.0	-
04:00-05:00	0.9	WSW	0.0	-	0.0	-	0.0	-	0.0	-	0.9	SW	0.0	-
05:00-06:00	1.3	SW	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
06:00-07:00	0.9	SW	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
07:00-08:00	0.4	WSW	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
08:00-09:00	0.9	SW	0.0	-	0.4	SW	0.0	-	0.0	-	0.0	-	0.0	-
09:00-10:00	1.3	SW	0.9	SW	0.4	SW	0.0	-	0.4	SW	0.0	-	0.0	-

ผลการทดสอบคุณภาพน้ำทิ้ง

Test Report

Request No : W6501146

Report No : 6501-1186

Customer : Meyer Aluminium (Thailand) Co.,Ltd

Address : 38/32 Moo.5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd.

Sample No : W 65010646

Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก##

Sampling Date : 08/01/2022

Sampling By : ETC

Sampling Time : 8:50 AM

Sampling Method : Grab

Received Date : 10/01/2022

Tested Date : 10/01/2022 - 17/01/2022

Reported Date : 19/01/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand [#]	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	61.9	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	246	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	6.6	≤10
pH (on site) *		Electrometric	7.5	5.5 - 9.0
Temperature *	°C	Laboratory and Field	28	≤45
Total Dissolved Solids [#]	mg/l	Dried at 180 C : APHA 2017 (2540C)	472	≤3000
Total Suspended Solids [#]	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	34	≤200
Zinc *	mg/l	Digestion, Inductively Coupled Plasma	0.10	≤5

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L * [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (ว-003-ก-8334)*

5. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสยรวมของนิคมฯ

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-4377)

19/01/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ก-2205)

19/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6501146

Report No : 6501-1186

Customer : Meyer Aluminium (Thailand) Co.,Ltd

Address : 38/32 Moo.5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd.

Sample No : W 65010646

Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก##

Sampling Date : 08/01/2022

Sampling By : ETC

Sampling Time : 8:50 AM

Sampling Method : Grab

Received Date : 10/01/2022

Tested Date : 10/01/2022 - 17/01/2022

Reported Date : 19/01/2022

Parameter	Unit	Method	Result	Standard ¹
Aluminium	mg/l	Digestion, Inductively Coupled Plasma	0.82	-
Settleable Solid	ml/l	Volumetric	< 0.2	-

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Miss Pornpinan Viriyakusolkul (ว-003-จ-8334)

4. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสารวมของนิคมฯ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

19/01/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. W6501146

Report No. 6501-1186

TEST REPORT

Customer : Meyer Aluminium (Thailand) Co.,Ltd.
 Address : 38/32 Moo. 5 Laem Chabang Industrial Estate , Sriracha , Chonburi 20230
 Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd. Sample No. : W 65010646
 Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก ## Sampling Date : 08/01/2022
 Sampling By : ETC Sampling Time : 8:50 AM
 Sampling Method : Grab Received Date : 10/01/2022
 Tested Date : 08/01/2022 Reported Date : 19/01/2022

Parameter	Unit	Method	Result	Standard ^{/1}
Flow Rate	m ³ / sec	Calculation	0.0142	—

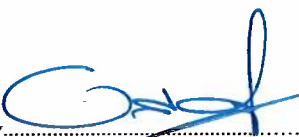
Physical Apperance : 1. Sample : yellow, lightly SS
 2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76/2560 (2017)
 2. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสียรวมของนิคม ฯ
 3. Measured by Eastern Thai Consulting 1992 Co., Ltd. : (Flow Meter Model 2030 R)
 4. Miss Pornpinan Viriyakusolkul (ว-003-จ-8334)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....



(Miss Apiradee Chuen-arom)

19 / 01 / 2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6502158

Report No : 6502-1330

Customer : Meyer Aluminium (Thailand) Co.,Ltd.*

Address : 38/32 Moo.5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230*

Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd.*

Sample No : W 65020639

Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก*##

Sampling Date : 04/02/2022*

Sampling By : ETC*

Sampling Time : 9:20 AM*

Sampling Method : Grab*

Received Date : 05/02/2022

Tested Date : 05/02/2022 - 18/02/2022

Reported Date : 22/02/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	52.1	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	206	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	4.1	≤10
pH (on site) *		Electrometric Method	7.0	5.5 - 9.0
Temperature *	°C	Laboratory and Field Method	28	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	300	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	43	≤200
Zinc *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.12	≤5

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L* [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ก-7279)*

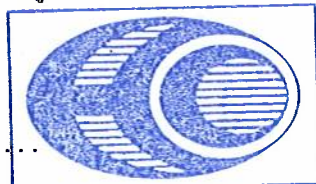
5. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสียรวมของนิคมฯ

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

22/02/2022



บริษัท อีสเทิร์นไทยคอนซัลต์ 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

22/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6502158

Report No : 6502-1330

Customer : Meyer Aluminium (Thailand) Co.,Ltd

Address : 38/32 Moo.5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd

Sample No : W 65020639

Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก ##

Sampling Date : 04/02/2022

Sampling By : ETC

Sampling Time : 9:20 AM

Sampling Method : Grab

Received Date : 05/02/2022

Tested Date : 05/02/2022 - 18/02/2022

Reported Date : 22/02/2022

Parameter	Unit	Method	Result	Standard ¹
Aluminium	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.30	-
Settleable Solid	ml/l	Volumetric Method (SM:2540F)	0.3	-

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)

5. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสีารวมของนิคมฯ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

22/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. W6502158

Report No. 6502-1330

TEST REPORT

Customer : Meyer Aluminium (Thailand) Co.,Ltd.
Address : 38/32 Moo. 5 Laem Chabang Industrial Estate , Sriracha , Chonburi 20230
Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd. Sample No. : W65020639
Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก ## Sampling Date : 04/02/2022
Sampling By : ETC Sampling Time : 9:20 AM
Sampling Method : Grab Received Date : 05/05/2022
Tested Date : 04/02/2022 Reported Date : 22/02/2022

Parameter	Unit	Method	Result	Standard ^{/1}
Flow Rate	m ³ / sec	Calculation	0.0142	—

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76/2560 (2017)
2. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสียรวมของนิคม ฯ
3. Measured by Eastern Thai Consulting 1992 Co., Ltd. : (Flow Meter Model 2030 R)
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....
(Miss Apiradee Chuen-arom)

22 / 02 / 2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6503168

Report No : 6503-1220

Customer : Meyer Aluminium (Thailand) Co.,Ltd*

Address : 38/32 Moo.5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230*

Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd*

Sample No : W 65030749

Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก***

Sampling Date : 04/03/2022*

Sampling By : ETC*

Sampling Time : 9:25 AM*

Sampling Method : Grab*

Received Date : 05/03/2022

Tested Date : 07/03/2022 - 22/03/2022

Reported Date : 22/03/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	58.7	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	233	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	4.9	≤10
pH (on site) *		Electrometric Method	7.7	5.5 - 9.0
Temperature *	°C	Laboratory and Field Method	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 °C (SM:2540C)	512	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 °C (SM:2540D)	54	≤200
Zinc *	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤5

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L* [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISL, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ก-7281)*

5. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสียรวมของนิคมฯ

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
22/03/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
22/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6503168

Report No : 6503-1220

Customer : Meyer Aluminium (Thailand) Co.,Ltd

Address : 38/32 Moo.5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd

Sample No : W 65030749

Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก ##

Sampling Date : 04/03/2022

Sampling By : ETC

Sampling Time : 9:25 AM

Sampling Method : Grab

Received Date : 05/03/2022

Tested Date : 07/03/2022 - 22/03/2022

Reported Date : 22/03/2022

Parameter	Unit	Method	Result	Standard ¹
Aluminium	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	2.12	-
Settleable Solid	ml/l	Volumetric Method (SM:2540F)	0.2	-

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Miss Janthanee Saiphan (3-003-ก-7281)

5. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสียรวมของนิคมฯ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

22/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. W6503168

Report No. 6503-1220

TEST REPORT

Customer : Meyer Aluminium (Thailand) Co.,Ltd.
Address : 38/32 Moo. 5 Laem Chabang Industrial Estate , Sriracha , Chonburi 20230
Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd. Sample No. : W65030749
Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก ## Sampling Date : 04/03/2022
Sampling By : ETC Sampling Time : 9:25 AM
Sampling Method : Grab Received Date : 05/03/2022
Tested Date : 04/03/2022 Reported Date : 22/03/2022

Parameter	Unit	Method	Result	Standard ^{/1}
Flow Rate	m ³ / sec	Calculation	0.0142	—

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76/2560 (2017)
2. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสียรวมของนิคม ฯ
3. Measured by Eastern Thai Consulting 1992 Co., Ltd. : (Flow Meter Model 2030 R)
4. Sampling By Miss Janthanee Saiphan (ว-003-ค-7281)



Examined By.....

(Miss Apiradee Chuen-arom)

22 / 03 / 2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6504184

Report No : 6504-1283

Customer : Meyer Aluminium (Thailand) Co.,Ltd**

Address : 38/32 Moo.5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230**

Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd.**

Sample No : W 65040766

Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก***

Sampling Date : 06/04/2022**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 07/04/2022

Tested Date : 07/04/2022 - 18/04/2022

Reported Date : 21/04/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	61.3	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	258	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	9.1	≤10
pH (on site) *		Electrometric Method	8.2	5.5 - 9.0
Temperature *	°C	Laboratory and Field Method	29	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	580	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	81	≤200
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.20	≤5

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

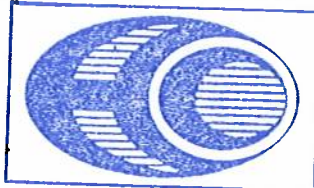
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ก-7280)*

5. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสียรวมของนิคมฯ

6. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-4377)
21/04/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(จ-003-ก-2205)
21/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6504184

Report No : 6504-1283

Customer : Meyer Aluminium (Thailand) Co.,Ltd

Address : 38/32 Moo.5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd

Sample No : W 65040766

Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก##

Sampling Date : 06/04/2022

Sampling By : ETC

Sampling Time : 9:00 AM

Sampling Method : Grab

Received Date : 07/04/2022

Tested Date : 07/04/2022 - 18/04/2022

Reported Date : 21/04/2022

Parameter	Unit	Method	Result	Standard ¹
Aluminium	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.80	-
Settleable Solid	ml/l	Volumetric Method (SM:2540F)	2.5	-

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

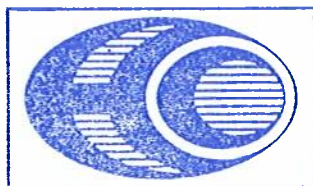
Remark : 1. /I Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Parkpoom Buasawad (ว-003-ก-7280)

5. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสียรวมของนิคมฯ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

21/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. W6504184

Report No. 6504-1283

TEST REPORT

Customer : Meyer Aluminium (Thailand) Co.,Ltd.
Address : 38/32 Moo. 5 Laem Chabang Industrial Estate , Sriracha , Chonburi 20230
Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd. Sample No. : W65030766
Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก ## Sampling Date : 06/04/2002
Sampling By : ETC Sampling Time : 9:00 AM
Sampling Method : Grab Received Date : 07/04/2022
Tested Date : 06/04/2002 Reported Date : 21/04/2022

Parameter	Unit	Method	Result	Standard ^{/1}
Flow Rate	m ³ / sec	Calculation	0.0142	—

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76/2560 (2017)
2. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักกับน้ำเสียรวมของนิคม ฯ
3. Measured by Eastern Thai Consulting 1992 Co., Ltd. : (Flow Meter Model 2030 R)
4. Sampling By Miss Janthanee Saiphan (๓-003-๓-7281)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

21 / 04 / 2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6505112

Report No : 6505-0841

Customer : Meyer Aluminium (Thailand) Co.,Ltd**

Address : 38/32 Moo.5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230**

Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd**

Sample No : W 65050485

Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อกัก**

Sampling Date : 05/05/2022**

Sampling By : ETC**

Sampling Time : 10:59 AM**

Sampling Method : Grab**

Received Date : 06/05/2022

Tested Date : 06/05/2022 - 12/05/2022

Reported Date : 16/05/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	40.6	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	162	≤750
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	3.2	≤10
pH (on site) *		Electrometric Method	7.7	5.5 - 9.0
Temperature *	°C	Laboratory and Field Method	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	732	≤3000
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	24	≤200
Zinc @	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.82	≤5

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1./I Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (จ-003-จ-8334)*

5. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อกักรับน้ำเสารวมของนิคมฯ

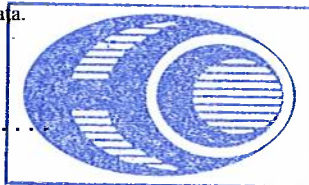
6. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

16/05/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

16/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6505112

Report No : 6505-0841

Customer : Meyer Aluminium (Thailand) Co.,Ltd

Address : 38/32 Moo.5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd

Sample No : W 65050485

Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก

Sampling Date : 05/05/2022

Sampling By : ETC

Sampling Time : 10:59 AM

Sampling Method : Grab

Received Date : 06/05/2022

Tested Date : 06/05/2022 - 12/05/2022

Reported Date : 16/05/2022

Parameter	Unit	Method	Result	Standard ¹
Aluminium	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	2.12	-
Settleable Solid	ml/l	Volumetric Method (SM:2540F)	0.2	-

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

- SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
- Parameter Outside The Scope of The Registration of Department of Industrial Works
- Sampling By Miss Pornpinan Viriyakusolkul (ว-003-จ-8334)
- ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสียรวมของนิคมฯ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

16/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY



Request No. W6505112

Report No. 6505-0841

TEST REPORT

Customer : Meyer Aluminium (Thailand) Co.,Ltd.
Address : 38/32 Moo. 5 Laem Chabang Industrial Estate , Sriracha , Chonburi 20230
Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd. Sample No. : W65050485
Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก ## Sampling Date : 05/05/2022
Sampling By : ETC Sampling Time : 10:59 AM
Sampling Method : Grab Received Date : 06/05/2022
Tested Date : 05/05/2022 Reported Date : 16/05/2022

Parameter	Unit	Method	Result	Standard ^{/1}
Flow Rate	m ³ / sec	Calculation	0.0142	—

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76/2560 (2017)
2. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสียรวมของนิคม ฯ
3. Measured by Eastern Thai Consulting 1992 Co., Ltd. : (Flow Meter Model 2030 R)
4. Sampling By Miss Pornpinan Viriyakusolkul (3-003-8-8334)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Apiradee Chuen-arom)

16 / 05 / 2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6506155

Report No : 6506-1172

Customer : Meyer Aluminium (Thailand) Co.,Ltd**

Address : 38/32 Moo.5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230**

Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd**

Sample No : W 65060599

Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก###

Sampling Date : 06/06/2022**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 07/06/2022

Tested Date : 07/06/2022 - 14/06/2022

Reported Date : 16/06/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand [#]	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	54.5	≤500
Chemical Oxygen Demand [#]	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	213	≤750
Oil and Grease [@]	mg/l	Partition-Gravimetric Method (SM:5520B)	7.0	≤10
pH (on site) [*]		Electrometric Method	7.6	5.5 - 9.0
Temperature [*]	°C	Laboratory and Field Method	28	≤45
Total Dissolved Solids [#]	mg/l	Dried at 180 C (SM:2540C)	432	≤3000
Total Suspended Solids [#]	mg/l	Dried at 103-105 C (SM:2540D)	50	≤200
Zinc [@]	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.17	≤5

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ก-7280)*

5. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสียรวมของนิคมฯ

6. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

16/06/2022



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mrs. Wanpen Lhaochindawat)

(จ-003-ก-2183)

16/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6506155

Report No : 6506-1172

Customer : Meyer Aluminium (Thailand) Co.,Ltd

Address : 38/32 Moo.5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd

Sample No : W 65060599

Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก##

Sampling Date : 06/06/2022

Sampling By : ETC

Sampling Time : 10:00 AM

Sampling Method : Grab

Received Date : 07/06/2022

Tested Date : 07/06/2022 - 14/06/2022

Reported Date : 16/06/2022

Parameter	Unit	Method	Result	Standard ¹
Aluminium	mg/l	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.80	-
Settleable Solid	ml/l	Volumetric Method (SM:2540F)	2.0	-

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Parkpoom Buasawad (๖-๐๐3-๓-๗๒๘๐)

5. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสี้ยวรวมของนิคมฯ



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

16/06/2022

Request No. W6506155

Report No. 6506-1172

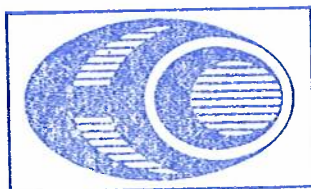
TEST REPORT

Customer : Meyer Aluminium (Thailand) Co.,Ltd.
 Address : 38/32 Moo. 5 Laem Chabang Industrial Estate , Sriracha , Chonburi 20230
 Sampling Source : Meyer Aluminium (Thailand) Co.,Ltd. Sample No. : W65060599
 Sample Name : บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพัก ## Sampling Date : 06/06/2022
 Sampling By : ETC Sampling Time : 10:00 AM
 Sampling Method : Grab Received Date : 07/06/2022
 Tested Date : 06/06/2022 Reported Date : 16/06/2022

Parameter	Unit	Method	Result	Standard ^{/1}
Flow Rate	m ³ / sec	Calculation	0.0142	—

Physical Apperance : 1. Sample : yellow, lightly SS
 2. Container : Normal [PE 0.5 L [2 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76/2560 (2017)
 2. ## บริเวณจุดปล่อยน้ำเสียของโครงการลงสู่บ่อพักรับน้ำเสียรวมของนิคม ฯ
 3. Measured by Eastern Thai Consulting 1992 Co., Ltd. : (Flow Meter Model 2030 R)
 4. Sampling By Mr. Parpoom Buasawad (ว-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....


(Miss Apiradee Chuen-arom)

16 / 06 / 2022

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

ผลการตรวจวัดระดับเสียงโดยทั่วไป

Request No. LA65-R0348

Report No. R6503-0901

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : โรงพยาบาลวิภาวดี

PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr. & L_{dn}

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

S/N 01209912 : Type 2

SAMPLE NO. : 03381

MEASURING DATE : 14-15/03/2022

RECEIVED DATE : 15/03/2022

REPORTED DATE : 18/03/2022

TIME \ DATE	14-15/03/2022 (L_{eq})	UNIT
17:00 – 18:00 ³	58.4	dB(A)
18:00 – 19:00	61.8	dB(A)
19:00 – 20:00	61.8	dB(A)
20:00 – 21:00	61.0	dB(A)
21:00 – 22:00	61.1	dB(A)
22:00 – 23:00	60.9	dB(A)
23:00 – 00:00	60.5	dB(A)
00:00 – 01:00	59.8	dB(A)
01:00 – 02:00	58.8	dB(A)
02:00 – 03:00	59.1	dB(A)
03:00 – 04:00	58.3	dB(A)
04:00 – 05:00	58.1	dB(A)
05:00 – 06:00	59.5	dB(A)
06:00 – 07:00	61.3	dB(A)
07:00 – 08:00	62.6	dB(A)
08:00 – 09:00	59.9	dB(A)
09:00 – 10:00	60.5	dB(A)
10:00 – 11:00	61.0	dB(A)
11:00 – 12:00	60.5	dB(A)
12:00 – 13:00	60.7	dB(A)
13:00 – 14:00	63.1	dB(A)
14:00 – 15:00	61.6	dB(A)
15:00 – 16:00	60.8	dB(A)
16:00 – 17:00	61.9	dB(A)
L_{eq} 24 hr.	60.7	dB(A)
L_{dn}	66.4	dB(A)
Standard	70 ^{1,2}	dB(A)

REMARK : ¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)² Notification of Ministry of the Industry B.E. 2548 (2005)³ Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works

(Measurement By Mr. Tummaru Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0348

Report No. R6503-0897

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณริมรั้วด้านทิศเหนือ

PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr. & L_{dn}

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

S/N 00310456 : Type 2

SAMPLE NO. : 03377

MEASURING DATE : 14-15/03/2022

RECEIVED DATE : 15/03/2022

REPORTED DATE : 18/03/2022

TIME \ DATE	14-15/03/2022 (L_{eq})	UNIT
17:00 – 18:00 ³	62.4	dB(A)
18:00 – 19:00	64.1	dB(A)
19:00 – 20:00	64.2	dB(A)
20:00 – 21:00	63.6	dB(A)
21:00 – 22:00	63.1	dB(A)
22:00 – 23:00	62.6	dB(A)
23:00 – 00:00	62.3	dB(A)
00:00 – 01:00	61.8	dB(A)
01:00 – 02:00	62.0	dB(A)
02:00 – 03:00	62.4	dB(A)
03:00 – 04:00	63.7	dB(A)
04:00 – 05:00	62.6	dB(A)
05:00 – 06:00	63.4	dB(A)
06:00 – 07:00	63.5	dB(A)
07:00 – 08:00	64.1	dB(A)
08:00 – 09:00	62.8	dB(A)
09:00 – 10:00	62.9	dB(A)
10:00 – 11:00	62.1	dB(A)
11:00 – 12:00	63.9	dB(A)
12:00 – 13:00	62.3	dB(A)
13:00 – 14:00	62.3	dB(A)
14:00 – 15:00	62.2	dB(A)
15:00 – 16:00	63.1	dB(A)
16:00 – 17:00	62.3	dB(A)
L_{eq} 24 hr.	63.0	dB(A)
L_{dn}	69.2	dB(A)
Standard	70 ^{1,2}	dB(A)

REMARK : ¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)² Notification of Ministry of the Industry B.E. 2548 (2005)³ Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Photankhum)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0667

Report No. R6506-2277

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
SAMPLE POINT : บริเวณริมรั้วด้านทิศเหนือ
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr. & L_{dn} SAMPLE NO. : 12559
DETERMINATION METHOD : In-house Method:A-DM-002 based on ISO 1996-1:2016 MEASURING DATE : 13-14/06/2022
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 14/06/2022
S/N 122023 : Type 2 REPORTED DATE : 20/06/2022

TIME \ DATE	13-14/06/2022 (L_{eq})	UNIT
09:00 – 10:00 ¹	64.8	dB(A)
10:00 – 11:00	63.7	dB(A)
11:00 – 12:00	63.6	dB(A)
12:00 – 13:00	63.5	dB(A)
13:00 – 14:00	64.3	dB(A)
14:00 – 15:00	63.7	dB(A)
15:00 – 16:00	64.0	dB(A)
16:00 – 17:00	64.3	dB(A)
17:00 – 18:00	63.6	dB(A)
18:00 – 19:00	66.1	dB(A)
19:00 – 20:00	66.3	dB(A)
20:00 – 21:00	63.4	dB(A)
21:00 – 22:00	61.9	dB(A)
22:00 – 23:00	62.7	dB(A)
23:00 – 00:00	61.7	dB(A)
00:00 – 01:00	61.9	dB(A)
01:00 – 02:00	62.1	dB(A)
02:00 – 03:00	61.3	dB(A)
03:00 – 04:00	61.9	dB(A)
04:00 – 05:00	62.6	dB(A)
05:00 – 06:00	61.9	dB(A)
06:00 – 07:00	64.0	dB(A)
07:00 – 08:00	63.9	dB(A)
08:00 – 09:00	63.7	dB(A)
L_{eq} 24 hr.	63.6	dB(A)
L_{dn}	69.0	dB(A)
Standard	70 ^{1,2}	dB(A)

REMARK : ¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)² Notification of Ministry of the Industry B.E. 2548 (2005)³ Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Wattana Khotla)

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

20/06/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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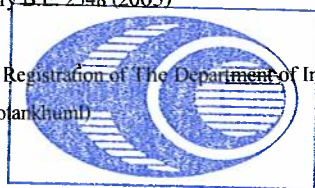
Request No. LA65-R0348

Report No. R6503-0898

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
 ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE POINT : บริเวณริมรั้วด้านทิศใต้
 PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr. & L_{dn} SAMPLE NO. : 03378
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 14-15/03/2022
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 15/03/2022
 S/N 172056 : Type 2 REPORTED DATE : 18/03/2022

TIME \ DATE	14-15/03/2022 (L_{eq})	UNIT
17:00 – 18:00 ³	65.1	dB(A)
18:00 – 19:00	65.7	dB(A)
19:00 – 20:00	65.7	dB(A)
20:00 – 21:00	65.2	dB(A)
21:00 – 22:00	65.3	dB(A)
22:00 – 23:00	65.1	dB(A)
23:00 – 00:00	64.7	dB(A)
00:00 – 01:00	64.4	dB(A)
01:00 – 02:00	65.5	dB(A)
02:00 – 03:00	65.8	dB(A)
03:00 – 04:00	65.3	dB(A)
04:00 – 05:00	63.0	dB(A)
05:00 – 06:00	64.5	dB(A)
06:00 – 07:00	66.3	dB(A)
07:00 – 08:00	66.4	dB(A)
08:00 – 09:00	63.8	dB(A)
09:00 – 10:00	64.4	dB(A)
10:00 – 11:00	64.3	dB(A)
11:00 – 12:00	63.8	dB(A)
12:00 – 13:00	64.0	dB(A)
13:00 – 14:00	63.6	dB(A)
14:00 – 15:00	65.5	dB(A)
15:00 – 16:00	65.0	dB(A)
16:00 – 17:00	66.1	dB(A)
L_{eq} 24 hr.	65.0	dB(A)
L_{dn}	71.5	dB(A)
Standard	70 ^{1,2}	dB(A)

REMARK : ¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)² Notification of Ministry of the Industry B.E. 2548 (2005)³ Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Phojan Khum)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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 WITHOUT THE WRITTEN APPROVAL LABORATORY

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
SAMPLE POINT : บริเวณริมรั้วด้านทิศใต้
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr. & L_{max} SAMPLE NO. : 12556
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 13-14/06/2022
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 14/06/2022
S/N 00443358 : Type 2 REPORTED DATE : 20/06/2022

TIME \ DATE	13-14/06/2022 (L_{eq})	UNIT
08:45 – 09:45 ^{1/3}	62.0	dB(A)
09:45 – 10:45	60.3	dB(A)
10:45 – 11:45	59.5	dB(A)
11:45 – 12:45	61.1	dB(A)
12:45 – 13:45	61.1	dB(A)
13:45 – 14:45	58.9	dB(A)
14:45 – 15:45	59.2	dB(A)
15:45 – 16:45	58.7	dB(A)
16:45 – 17:45	63.3	dB(A)
17:45 – 18:45	65.7	dB(A)
18:45 – 19:45	60.3	dB(A)
19:45 – 20:45	60.0	dB(A)
20:45 – 21:45	60.6	dB(A)
21:45 – 22:45	56.5	dB(A)
22:45 – 23:45	59.2	dB(A)
23:45 – 00:45	59.0	dB(A)
00:45 – 01:45	61.2	dB(A)
01:45 – 02:45	60.5	dB(A)
02:45 – 03:45	58.4	dB(A)
03:45 – 04:45	59.6	dB(A)
04:45 – 05:45	62.5	dB(A)
05:45 – 06:45	60.9	dB(A)
06:45 – 07:45	61.5	dB(A)
07:45 – 08:45	62.2	dB(A)
L_{eq} 24 hr.	60.9	dB(A)
L_{max}	66.7	dB(A)
Standard	70 ^{1,2}	dB(A)

REMARK : * Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

^{1/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

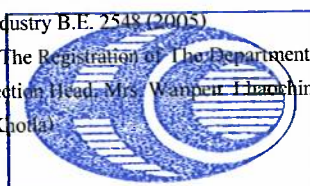
^{1/2} Notification of Ministry of The Industry B.E. 2548 (2005)

^{1/3} Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works

(Ms. Thanatporn Klinsopon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Mr. Wattana Khoria)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

20/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0348

Report No. R6503-0899

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
 ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE POINT : บริเวณริมรั้วด้านทิศตะวันออก
 PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr. & L_{dn} SAMPLE NO. : 03379
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 14-15/03/2022
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 15/03/2022
 S/N 00209079 : Type 2 REPORTED DATE : 18/03/2022

TIME \ DATE	14-15/03/2022 (L_{eq})	UNIT
17:00 – 18:00 ³	67.9	dB(A)
18:00 – 19:00	68.2	dB(A)
19:00 – 20:00	66.8	dB(A)
20:00 – 21:00	67.2	dB(A)
21:00 – 22:00	66.5	dB(A)
22:00 – 23:00	64.7	dB(A)
23:00 – 00:00	64.6	dB(A)
00:00 – 01:00	64.2	dB(A)
01:00 – 02:00	64.1	dB(A)
02:00 – 03:00	64.3	dB(A)
03:00 – 04:00	64.5	dB(A)
04:00 – 05:00	64.4	dB(A)
05:00 – 06:00	64.4	dB(A)
06:00 – 07:00	64.6	dB(A)
07:00 – 08:00	65.9	dB(A)
08:00 – 09:00	68.0	dB(A)
09:00 – 10:00	67.4	dB(A)
10:00 – 11:00	65.3	dB(A)
11:00 – 12:00	65.6	dB(A)
12:00 – 13:00	67.5	dB(A)
13:00 – 14:00	68.7	dB(A)
14:00 – 15:00	68.2	dB(A)
15:00 – 16:00	67.3	dB(A)
16:00 – 17:00	65.5	dB(A)
L_{eq} 24 hr.	66.3	dB(A)
L_{dn}	71.4	dB(A)
Standard	70 ^{1,2}	dB(A)

REMARK : ¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)² Notification of Ministry of the Industry B.E. 2548 (2005)³ Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Photankhun)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0667

Report No. R6506-2276

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณริมรั้วด้านทิศตะวันออก

PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr. & L_{dn}

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

S/N 162034 : Type 2

SAMPLE NO. : 12558

MEASURING DATE : 13-14/06/2022

RECEIVED DATE : 14/06/2022

REPORTED DATE : 20/06/2022

TIME \ DATE	13-14/06/2022 (L_{eq})	UNIT
08:50 – 09:50 ³	67.7	dB(A)
09:50 – 10:50	65.0	dB(A)
10:50 – 11:50	64.1	dB(A)
11:50 – 12:50	69.1	dB(A)
12:50 – 13:50	69.8	dB(A)
13:50 – 14:50	68.9	dB(A)
14:50 – 15:50	64.8	dB(A)
15:50 – 16:50	65.8	dB(A)
16:50 – 17:50	69.2	dB(A)
17:50 – 18:50	69.2	dB(A)
18:50 – 19:50	67.9	dB(A)
19:50 – 20:50	68.7	dB(A)
20:50 – 21:50	63.7	dB(A)
21:50 – 22:50	61.4	dB(A)
22:50 – 23:50	62.1	dB(A)
23:50 – 00:50	62.3	dB(A)
00:50 – 01:50	62.9	dB(A)
01:50 – 02:50	62.5	dB(A)
02:50 – 03:50	62.2	dB(A)
03:50 – 04:50	62.6	dB(A)
04:50 – 05:50	63.0	dB(A)
05:50 – 06:50	62.6	dB(A)
06:50 – 07:50	67.8	dB(A)
07:50 – 08:50	68.9	dB(A)
L_{eq} 24 hr.	66.4	dB(A)
L_{dn}	70.1	dB(A)
Standard	70 ^{1,2}	dB(A)

REMARK : ¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)² Notification of Ministry of the Industry B.E. 2548 (2005)³ Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Wattana Khotla)

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

20/06/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
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Request No. LA65-R0348

Report No. R6503-0900

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
 ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE POINT : บริเวณริมรั้วด้านทิศตะวันตก
 PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr. & L_{dn}
 DETERMINATION METHOD : ISO 1996-1:2016
 INSTRUMENT : Integrated Sound Level Meter
 S/N 172054 : Type 2

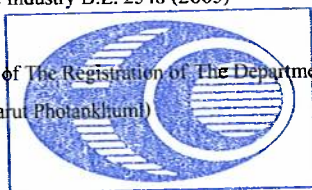
SAMPLE NO. : 03380
 MEASURING DATE : 14-15/03/2022
 RECEIVED DATE : 15/03/2022
 REPORTED DATE : 18/03/2022

TIME \ DATE	14-15/03/2022 (L_{eq})	UNIT
17:00 – 18:00 ¹	60.5	dB(A)
18:00 – 19:00	59.8	dB(A)
19:00 – 20:00	63.3	dB(A)
20:00 – 21:00	62.0	dB(A)
21:00 – 22:00	57.2	dB(A)
22:00 – 23:00	59.0	dB(A)
23:00 – 00:00	56.0	dB(A)
00:00 – 01:00	55.0	dB(A)
01:00 – 02:00	56.0	dB(A)
02:00 – 03:00	54.6	dB(A)
03:00 – 04:00	56.0	dB(A)
04:00 – 05:00	55.7	dB(A)
05:00 – 06:00	57.7	dB(A)
06:00 – 07:00	59.8	dB(A)
07:00 – 08:00	63.5	dB(A)
08:00 – 09:00	63.4	dB(A)
09:00 – 10:00	59.9	dB(A)
10:00 – 11:00	60.4	dB(A)
11:00 – 12:00	62.5	dB(A)
12:00 – 13:00	61.4	dB(A)
13:00 – 14:00	57.8	dB(A)
14:00 – 15:00	59.6	dB(A)
15:00 – 16:00	60.5	dB(A)
16:00 – 17:00	62.8	dB(A)
L_{eq} 24 hr.	60.2	dB(A)
L_{dn}	64.4	dB(A)
Standard	70 ^{1,2}	dB(A)

REMARK : ¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)² Notification of Ministry of the Industry B.E. 2548 (2005)³ Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works

(Measurement By Mr. Tummarut Photakham)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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 WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0667

Report No. R6506-2275

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
SAMPLE POINT : บริเวณริมรั้วด้านทิศตะวันตก
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr. & L_{dn} SAMPLE NO. : 12557
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 13-14/06/2022
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 14/06/2022
S/N 162032 : Type 2 REPORTED DATE : 20/06/2022

TIME \ DATE	13-14/06/2022 (L _{eq})	UNIT
09:05 – 10:05 ³	57.9	dB(A)
10:05 – 11:05	56.3	dB(A)
11:05 – 12:05	54.7	dB(A)
12:05 – 13:05	57.2	dB(A)
13:05 – 14:05	58.9	dB(A)
14:05 – 15:05	58.8	dB(A)
15:05 – 16:05	58.0	dB(A)
16:05 – 17:05	58.2	dB(A)
17:05 – 18:05	61.0	dB(A)
18:05 – 19:05	62.3	dB(A)
19:05 – 20:05	59.9	dB(A)
20:05 – 21:05	53.8	dB(A)
21:05 – 22:05	54.5	dB(A)
22:05 – 23:05	53.6	dB(A)
23:05 – 00:05	54.1	dB(A)
00:05 – 01:05	54.5	dB(A)
01:05 – 02:05	54.0	dB(A)
02:05 – 03:05	54.4	dB(A)
03:05 – 04:05	54.1	dB(A)
04:05 – 05:05	59.7	dB(A)
05:05 – 06:05	60.1	dB(A)
06:05 – 07:05	62.2	dB(A)
07:05 – 08:05	66.1	dB(A)
08:05 – 09:05	60.0	dB(A)
L_{eq} 24 hr.	59.1	dB(A)
L_{dn}	64.4	dB(A)
Standard	70 ^{1,2}	dB(A)

REMARK : ¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)² Notification of Ministry of the Industry B.E. 2548 (2005)³ Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Wattana Khotla)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

20/06/2022

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ผลการตรวจวัดระดับเสียงในบริเวณการทำงาน

Request No. LA65-R0345

Report No. R6503-0848

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
 ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE POINT : บริเวณเครื่องรีดร้อนและเตาหลอม (Caster & Furnace Machine)
 PARAMETER*** : L_{eq} 1 hr. & L_{eq} 8 hr. SAMPLE NO. : 03328
 DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 15/03/2022
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 15/03/2022
 S/N G301635 : Type 2 REPORTED DATE : 16/03/2022

MEASURING TIME	RESULT ^{/1}	RESULT ^{/2}	UNIT
09:55-10:55	81.2	81.2	dB(A)
10:55-11:55	80.8	80.8	dB(A)
11:55-12:55	80.0	80.0	dB(A)
12:55-13:55	81.2	81.2	dB(A)
13:55-14:55	81.6	81.6	dB(A)
14:55-15:55	80.1	80.1	dB(A)
15:55-16:55	80.6	80.6	dB(A)
16:55-17:55	80.3	80.3	dB(A)
L_{eq} 8 hr. (TWA)	80*	80**	dB(A)
Standard	85 ^{/1}	90 ^{/2}	dB(A)

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

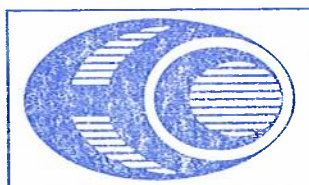
(Published in the Government Gazette on January 26, 2018)

^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)

* Based on Criteria 85 dB(A); 3 dB Exchange Rate

** Based on Criteria 90 dB(A); 5 dB Exchange Rate

*** Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 (Measurement By Mrs. Wanpen Lhaochindawat)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 

(MRS. WANPEN LHAOCHINDAWAT)

16/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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 WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0667

Report No. R6506-2272

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
SAMPLE POINT : บริเวณเครื่องรีดร้อนและเตาหลอม (Caster & Furnace Machine)
PARAMETER*** : L_{eq} 1 hr. & L_{eq} 8 hr. SAMPLE NO. : 12554
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 13/06/2022
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 14/06/2022
S/N 00209071 : Type 2 REPORTED DATE : 20/06/2022

MEASURING TIME	RESULT ^{/1}	RESULT ^{/2}	UNIT
08:55-09:55	80.5	80.5	dB(A)
09:55-10:55	80.6	80.6	dB(A)
10:55-11:55	79.0	79.0	dB(A)
11:55-12:55	80.8	80.8	dB(A)
12:55-13:55	80.2	80.2	dB(A)
13:55-14:55	80.0	80.0	dB(A)
14:55-15:55	79.1	79.1	dB(A)
15:55-16:55	79.8	79.8	dB(A)
L_{eq} 8 hr. (TWA)	80*	80**	dB(A)
Standard	85 ^{/1}	90 ^{/2}	dB(A)

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

(Published in the Government Gazette on January 26, 2018)

^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)

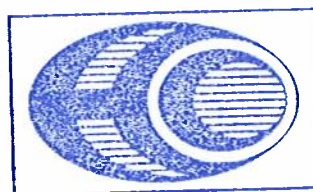
* Based on Criteria 85 dB(A); 3 dB Exchange Rate

** Based on Criteria 90 dB(A); 5 dB Exchange Rate

*** Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009

(Ms. Thanatporn Klinsopon is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Mr. Wattana Khotla)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Approved By

(MRS. WANPEN LHAOCHINDAWAT)

20/06/2022

Request No. LA65-R0364

Report No. R6503-1421

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
 ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE POINT : บริเวณเครื่องรีดเย็น (Cold Mill Machine)
 PARAMETER*** : L_{eq} 1 hr. & L_{eq} 8 hr. SAMPLE NO. : 03909
 DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 23/03/2022
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 23/03/2022
 S/N 01209912 : Type 2 REPORTED DATE : 25/03/2022

MEASURING TIME	RESULT ¹	RESULT ²	UNIT
08:30-09:30	84.7	84.7	dB(A)
09:30-10:30	87.9	87.9	dB(A)
10:30-11:30	83.0	83.0	dB(A)
11:30-12:30	73.6	73.6	dB(A)
12:30-13:30	85.6	85.6	dB(A)
13:30-14:30	83.8	83.8	dB(A)
14:30-15:30	88.8	88.8	dB(A)
15:30-16:30	80.8	80.8	dB(A)
L_{eq} 8 hr. (TWA)	85*	84**	dB(A)
Standard	85 ¹	90 ²	dB(A)

REMARK : ¹ Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

(Published in the Government Gazette on January 26, 2018)

² Notification of The Ministry of Industry B.E. 2546 (2003)

* Based on Criteria 85 dB(A); 3 dB Exchange Rate

** Based on Criteria 90 dB(A); 5 dB Exchange Rate

*** Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009

(Measurement By Ms. Thanatporn Klinsopon)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 

(MRS. WANPEN LHAOCHINDAWAT)

25/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
SAMPLE POINT : บริเวณเครื่องรีดเย็น (Cold Mill Machine)
PARAMETER*** : L_{eq} 1 hr. & L_{eq} 8 hr. SAMPLE NO. : 11712
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 07/06/2022
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 07/06/2022
S/N 00443358 : Type 2 REPORTED DATE : 13/06/2022

MEASURING TIME	RESULT ¹	RESULT ²	UNIT
08:45-09:45	85.6	85.6	dB(A)
09:45-10:45	71.0	71.0	dB(A)
10:45-11:45	72.0	72.0	dB(A)
11:45-12:45	84.9	84.9	dB(A)
12:45-13:45	85.4	85.4	dB(A)
13:45-14:45	81.3	81.3	dB(A)
14:45-15:45	73.6	73.6	dB(A)
15:45-16:45	76.0	76.0	dB(A)
L_{eq} 8 hr. (TWA)	81*	80**	dB(A)
Standard	85 ¹	90 ²	dB(A)

REMARK : ¹ Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

(Published in the Government Gazette on January 26, 2018)

² Notification of The Ministry of Industry B.E. 2546 (2003)

* Based on Criteria 85 dB(A); 3 dB Exchange Rate

** Based on Criteria 90 dB(A); 5 dB Exchange Rate

*** Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009

(Ms. Thanatporn Klinsonpon is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Mrs. Wanpen Lhaochindawat)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By 

(MRS. WANPEN LHAOCHINDAWAT)

13/06/2022

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0345

Report No. R6503-0851

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
 ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE POINT : บริเวณด้านหลังเครื่องปั๊มหมายเลข 2 (X-Y Blanking Machine No. 2)
 PARAMETER*** : L_{eq} 1 hr. & L_{eq} 8 hr. SAMPLE NO. : 03331
 DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 15/03/2022
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 15/03/2022
 S/N 00209071 : Type 2 REPORTED DATE : 16/03/2022

MEASURING TIME	RESULT ^{/1}	RESULT ^{/2}	UNIT
09:00-10:00	84.1	84.1	dB(A)
10:00-11:00	83.3	83.3	dB(A)
11:00-12:00	79.8	79.8	dB(A)
12:00-13:00	84.2	84.2	dB(A)
13:00-14:00	84.0	84.0	dB(A)
14:00-15:00	84.1	84.1	dB(A)
15:00-16:00	84.8	84.8	dB(A)
16:00-17:00	83.5	83.5	dB(A)
L_{eq} 8 hr. (TWA)	83*	83**	dB(A)
Standard	85 ^{/1}	90 ^{/2}	dB(A)

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

(Published in the Government Gazette on January 26, 2018)

^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)

* Based on Criteria 85 dB(A); 3 dB Exchange Rate

** Based on Criteria 90 dB(A); 5 dB Exchange Rate

*** Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 (Measurement By Mrs. Wanpen Lhaochindawat)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 

(MRS. WANPEN LHAOCHINDAWAT)

16/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0667

Report No. R6506-2273

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
SAMPLE POINT : บริเวณด้านหลังเครื่องปั๊มหมายเลข 2 (X-Y Blanking Machine No. 2)
PARAMETER*** : L_{eq} 1 hr. & L_{eq} 8 hr. SAMPLE NO. : 12555
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 13/06/2022
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 14/06/2022
S/N 01209917 : Type 2 REPORTED DATE : 20/06/2022

MEASURING TIME	RESULT ¹	RESULT ²	UNIT
09:30-10:30	79.7	79.7	dB(A)
10:30-11:30	79.7	79.7	dB(A)
11:30-12:30	81.3	81.3	dB(A)
12:30-13:30	81.3	81.3	dB(A)
13:30-14:30	83.3	83.3	dB(A)
14:30-15:30	81.1	81.1	dB(A)
15:30-16:30	74.7	74.7	dB(A)
16:30-17:30	76.1	76.1	dB(A)
L_{eq} 8 hr. (TWA)	80*	80**	dB(A)
Standard	85 ¹	90 ²	dB(A)

REMARK : ¹ Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

(Published in the Government Gazette on January 26, 2018)

² Notification of The Ministry of Industry B.E. 2546 (2003)

* Based on Criteria 85 dB(A); 3 dB Exchange Rate

** Based on Criteria 90 dB(A); 5 dB Exchange Rate

*** Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009

(Ms. Thanatporn Klinsopon is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Mr. Wattana Khotla)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 

(MRS. WANPEN LHAOCHINDAWAT)

20/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0345

Report No. R6503-0853

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
SAMPLE POINT : บริเวณเครื่องอบ หมายเลข 2 (Flash Annealing Machine No. 2)
PARAMETER*** : L_{eq} 1 hr. & L_{eq} 8 hr. SAMPLE NO. : 03333
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 15/03/2022
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 15/03/2022
S/N 01147299 : Type 2 REPORTED DATE : 16/03/2022

MEASURING TIME	RESULT ¹	RESULT ²	UNIT
08:40-09:40	88.2	88.2	dB(A)
09:40-10:40	86.3	86.3	dB(A)
10:40-11:40	76.0	76.0	dB(A)
11:40-12:40	77.4	77.4	dB(A)
12:40-13:40	78.4	78.4	dB(A)
13:40-14:40	76.9	76.9	dB(A)
14:40-15:40	77.5	77.5	dB(A)
15:40-16:40	77.1	77.1	dB(A)
L_{eq} 8 hr. (TWA)	82*	81**	dB(A)
Standard	85 ¹	90 ²	dB(A)

REMARK : ¹ Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

(Published in the Government Gazette on January 26, 2018)

² Notification of The Ministry of Industry B.E. 2546 (2003)

* Based on Criteria 85 dB(A); 3 dB Exchange Rate

** Based on Criteria 90 dB(A); 5 dB Exchange Rate

*** Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Mrs. Wanpen Lhaochindawat)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 

(MRS. WANPEN LHAOCHINDAWAT)

16/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
SAMPLE POINT : บริเวณเครื่องอบ หมายเลข 2 (Flash Annealing Machine No. 2)
PARAMETER*** : L_{eq} 1 hr. & L_{eq} 8 hr. SAMPLE NO. : 11711
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 07/06/2022
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 07/06/2022
S/N 00310456 : Type 2 REPORTED DATE : 13/06/2022

MEASURING TIME	RESULT ¹	RESULT ²	UNIT
08:30-09:30	82.3	82.3	dB(A)
09:30-10:30	78.8	78.8	dB(A)
10:30-11:30	81.6	81.6	dB(A)
11:30-12:30	81.2	81.2	dB(A)
12:30-13:30	81.5	81.5	dB(A)
13:30-14:30	81.3	81.3	dB(A)
14:30-15:30	80.7	80.7	dB(A)
15:30-16:30	82.0	82.0	dB(A)
L_{eq} 8 hr. (TWA)	81*	81**	dB(A)
Standard	85 ¹	90 ²	dB(A)

REMARK : ¹ Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

(Published in the Government Gazette on January 26, 2018)

² Notification of The Ministry of Industry B.E. 2546 (2003)

* Based on Criteria 85 dB(A); 3 dB Exchange Rate

** Based on Criteria 90 dB(A); 5 dB Exchange Rate

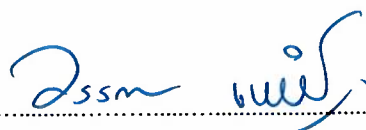
*** Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009

(Ms. Thanatporn Klinsoon is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Mrs. Wanpen Lhaochindawat)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(MRS. WANPEN LHAOCHINDAWAT)

13/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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ผลการตรวจวัดระดับความร้อนในบริเวณการทำงาน

Request No. LA65-R0139

Report No. R6501-0790 - R6501-0791

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณเตาหลอมและเตาพัก #1 (ตรวจวัดบริเวณที่ห่างจากด้านบนหน้าเตา 1 เมตร) Furnace Section #1
บริเวณเครื่องหล่ออย่างต่อเนื่อง #1 Continuous Caster #1

MEASURING DATE : 17/01/2022 SAMPLE NO. : 00867-00868

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 17/01/2022
Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 20/01/2022
Serial No. TEU080011, TEU080013

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress						
บริเวณเตาหลอมและเตาพัก #1	11:00-11:30	26.7	36.3	32.6	29.6	°C
(ตรวจวัดบริเวณที่ห่างจากด้านบนหน้าเตา	11:30-12:00	26.4	36.1	32.8	29.3	°C
1 เมตร) Furnace Section #1	12:00-12:30	26.0	35.3	32.6	28.8	°C
	12:30-13:00	26.6	35.7	32.8	29.3	°C
WBGT AVERAGE	11:00-13:00	-	-	-	29.3	°C
Heat Stress	11:00-11:30	27.0	40.7	33.9	31.1	°C
บริเวณเครื่องหล่ออย่างต่อเนื่อง #1	11:30-12:00	26.5	41.2	34.3	30.9	°C
Continuous Caster #1	12:00-12:30	27.1	41.4	34.5	31.4	°C
	12:30-13:00	26.9	41.5	34.9	31.3	°C
WBGT AVERAGE	11:00-13:00	-	-	-	31.2	°C
WBGT (TWA)	11:00-13:00	-	-	-	30.2	°C
STANDARD		-	-	-	32.0 ^{1,2}	°C

REMARK:

Work Load is Moderate, Indoor

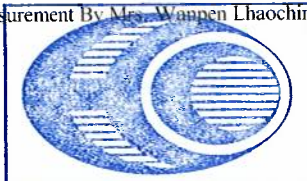
¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature, GT = Globe Temperature

DB = Dry - Bulb Temperature, WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Mrs. Wanpen Lhaochindawat)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

20/01/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0139

Report No. R6501-0790

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
 ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE POINT : บริเวณเตาหลอมและเตาพัก #1 (ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา 1 เมตร) Furnace Section #1
 MEASURING DATE : 17/01/2022 SAMPLE NO. : 00867
 SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 17/01/2022
 Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 20/01/2022
 Serial No. TEU080011

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	11:00-11:30	26.7	36.3	32.6	29.6	°C
	11:30-12:00	26.4	36.1	32.8	29.3	°C
	12:00-12:30	26.0	35.3	32.6	28.8	°C
	12:30-13:00	26.6	35.7	32.8	29.3	°C
WBGT AVERAGE	11:00-13:00	-	-	-	29.3	°C
STANDARD		-	-	-	32.0 ^{1/2}	°C

REMARK:

Work Load is Moderate, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

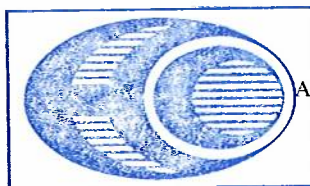
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Mrs. Wanpen Lhaochindawat)



Approved By.....



(MRS. WANPEN LHAOCHINDAWAT)

20/01/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
 REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA65-R0139

Report No. R6501-0791

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
 ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE POINT : บริเวณเครื่องหล่ออย่างต่อเนื่อง #1 Continuous Caster #1
 MEASURING DATE : 17/01/2022 SAMPLE NO. : 00868
 SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 17/01/2022
 Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 20/01/2022
 Serial No. TEU080013

PARAMETER*	SAMPLING TIME	RESULT				UNIT
		NWB	GT	DB	WBGT	
Heat Stress	11:00-11:30	27.0	40.7	33.9	31.1	°C
	11:30-12:00	26.5	41.2	34.3	30.9	°C
	12:00-12:30	27.1	41.4	34.5	31.4	°C
	12:30-13:00	26.9	41.5	34.9	31.3	°C
WBGT AVERAGE	11:00-13:00	-	-	-	31.2	°C
STANDARD		-	-	-	32.0 ^{1,2}	°C

REMARK:

Work Load is Moderate, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

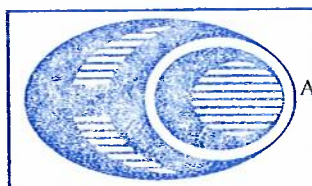
NWB = Natural Wet - Bulb Temperature

GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009
 (Measurement By Mrs. Wanpen Lhaochindawat)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

20/01/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
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 WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0208

Report No. R6502-0132 - R6502-0133

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณเตาหลอมและเตาพัก #2 (ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา 1 เมตร) Furnace Section #2
บริเวณเครื่องหล่ออย่างต่อเนื่อง #2 Continuous Caster #2

MEASURING DATE : 04/02/2022 SAMPLE NO. : 01713-01714

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 04/02/2022
Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 07/02/2022
Serial No. TEU080011, TEU080015

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress						
บริเวณเตาหลอมและเตาพัก #2	11:00-11:30	27.1	39.3	34.0	30.8	°C
(ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา	11:30-12:00	27.0	39.1	33.8	30.6	°C
1 เมตร) Furnace Section #2	12:00-12:30	27.1	39.1	33.5	30.7	°C
	12:30-13:00	27.0	37.7	33.4	30.2	°C
WBGT AVERAGE	11:00-13:00	-	-	-	30.6	°C
Heat Stress	11:00-11:30	26.1	36.1	34.3	29.1	°C
บริเวณเครื่องหล่ออย่างต่อเนื่อง #2	11:30-12:00	25.8	35.9	33.9	28.8	°C
Continuous Caster #2	12:00-12:30	27.6	37.2	36.3	30.5	°C
	12:30-13:00	28.3	37.9	37.1	31.2	°C
WBGT AVERAGE	11:00-13:00	-	-	-	29.9	°C
WBGT (TWA)	11:00-13:00	-	-	-	30.2	°C
STANDARD		-	-	-	32.0 ^{1,2}	°C

REMARK:

Work Load is Moderate, Indoor

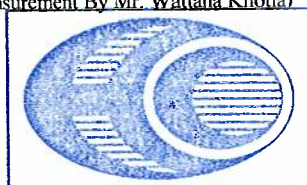
¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature, GT = Globe Temperature

DB = Dry - Bulb Temperature, WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Mr. Wattana Khotla)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

07/02/2022

 บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด
 REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0208

Report No. R6502-0132

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณเตาหลอมและเตาพัก #2 (ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา 1 เมตร) Furnace Section #2

MEASURING DATE : 04/02/2022 SAMPLE NO. : 01713

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 04/02/2022

Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 07/02/2022

Serial No. TEU080011

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	11:00-11:30	27.1	39.3	34.0	30.8	°C
	11:30-12:00	27.0	39.1	33.8	30.6	°C
	12:00-12:30	27.1	39.1	33.5	30.7	°C
	12:30-13:00	27.0	37.7	33.4	30.2	°C
WBGT AVERAGE	11:00-13:00	-	-	-	30.6	°C
STANDARD		-	-	-	32.0 ^{1,2}	°C

REMARK:

Work Load is Moderate, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

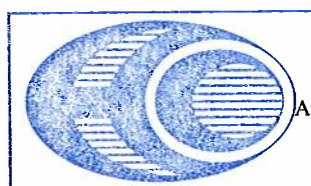
NWB = Natural Wet - Bulb Temperature

GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009
(Measurement By Mr. Wattana Khotla)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

07/02/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0208

Report No. R6502-0133

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณเครื่องหล่ออย่างต่อเนื่อง #2 Continuous Caster #2

MEASURING DATE : 04/02/2022 SAMPLE NO. : 01714

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 04/02/2022

Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 07/02/2022

Serial No. TEU080015

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	11:00-11:30	26.1	36.1	34.3	29.1	°C
	11:30-12:00	25.8	35.9	33.9	28.8	°C
	12:00-12:30	27.6	37.2	36.3	30.5	°C
	12:30-13:00	28.3	37.9	37.1	31.2	°C
WBGT AVERAGE	11:00-13:00	-	-	-	29.9	°C
STANDARD		-	-	-	32.0 ^{1/2}	°C

REMARK:

Work Load is Moderate, Indoor

^{1/} Regulation of The Ministry of Labour B.E. 2559 (2016)^{2/} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009
(Measurement By Mr. Wattana Khotla)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

07/02/2022

Request No. LA65-R0332

Report No. R6503-0544 - R6503-0545

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณเตาหลอมและเตาพัก #1 (ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา 1 เมตร) Furnace Section #1
บริเวณเครื่องหล่ออย่างต่อเนื่อง #1 Continuous Caster #1

MEASURING DATE : 10/03/2022 SAMPLE NO. : 03020-03021

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 10/03/2022
Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 11/03/2022
Serial No. TPL090017, TPL090016

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress						
บริเวณเตาหลอมและเตาพัก #1	10:45-11:15	27.9	37.9	34.3	30.9	°C
(ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา	11:15-11:45	27.7	37.9	34.6	30.8	°C
1 เมตร) Furnace Section #1	11:45-12:15	28.2	38.2	35.0	31.2	°C
	12:15-12:45	28.0	37.6	34.7	30.9	°C
WBGT AVERAGE	10:45-12:45	-	-	-	30.9	°C
Heat Stress	10:45-11:15	28.7	39.6	35.5	32.0	°C
บริเวณเครื่องหล่ออย่างต่อเนื่อง #1	11:15-11:45	28.2	38.5	35.5	31.3	°C
Continuous Caster #1	11:45-12:15	28.6	39.5	36.4	31.9	°C
	12:15-12:45	28.8	39.6	36.5	32.0	°C
WBGT AVERAGE	10:45-12:45	-	-	-	31.8	°C
WBGT (TWA)	10:45-12:45	-	-	-	31.4	°C
STANDARD		-	-	-	32.0 ^{1,2}	°C

REMARK:

Work Load is Moderate, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature, GT = Globe Temperature

DB = Dry - Bulb Temperature, WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement by Ms. Thanaporn Klinsoon)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....
(MRS. WANPEN LHAOCHINDAWAT)

11/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0332

Report No. R6503-0544

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณเตาหลอมและเตาพัก #1 (ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา 1 เมตร) Furnace Section #1

MEASURING DATE : 10/03/2022 SAMPLE NO. : 03020

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 10/03/2022

Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 11/03/2022

Serial No. TPL090017

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	10:45-11:15	27.9	37.9	34.3	30.9	°C
	11:15-11:45	27.7	37.9	34.6	30.8	°C
	11:45-12:15	28.2	38.2	35.0	31.2	°C
	12:15-12:45	28.0	37.6	34.7	30.9	°C
WBGT AVERAGE	10:45-12:45	-	-	-	30.9	°C
STANDARD		-	-	-	32.0 ^{/1,2}	°C

REMARK:

Work Load is Moderate, Indoor

^{/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Thanatporn Klinsopon)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

11/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0332

Report No. R6503-0545

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.
 ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230
 SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.
 SAMPLE POINT : บริเวณเครื่องหล่ออย่างต่อเนื่อง #1 Continuous Caster #1
 MEASURING DATE : 10/03/2022 SAMPLE NO. : 03021
 SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 10/03/2022
 Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 11/03/2022
 Serial No. TPL090016

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	10:45-11:15	28.7	39.6	35.5	32.0	°C
	11:15-11:45	28.2	38.5	35.5	31.3	°C
	11:45-12:15	28.6	39.5	36.4	31.9	°C
	12:15-12:45	28.8	39.6	36.5	32.0	°C
WBGT AVERAGE	10:45-12:45	-	-	-	31.8	°C
STANDARD		-	-	-	32.0 ^{/1,2}	°C

REMARK:

Work Load is Moderate, Indoor

^{/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

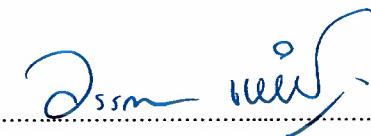
* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Thanatporn Klinsopon)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....



(MRS. WANPEN LHAOCHINDAWAT)

11/03/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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Request No. LA65-R0427

Report No. R6504-0641 - R6504-0642

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณเตาหลอมและเตาพัก #2 (ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา 1 เมตร) Furnace Section #2
บริเวณควบคุมเครื่องจักรของเตาหลอมและเครื่องหล่ออย่างต่อเนื่อง #2
Furnace & Caster Control Panel Continuous Casting Machine #2

MEASURING DATE : 08/04/2022 SAMPLE NO. : 05200-05201

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 08/04/2022
Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 20/04/2022
Serial No. TPL090016, TPL090017

PARAMETER*	SAMPLING TIME	RESULT				UNIT
		NWB	GT	DB	WBGT	
Heat Stress						
บริเวณควบคุมเครื่องจักรของเตาหลอมและ	11:40-12:10	22.7	33.9	32.8	26.1	°C
เครื่องหล่ออย่างต่อเนื่อง #2	12:10-12:40	23.1	34.2	33.2	26.4	°C
Furnace & Caster Control Panel	12:40-13:10	23.1	34.9	33.8	26.6	°C
Continuous Casting Machine #2	13:10-13:40	23.7	35.1	34.3	27.1	°C
WBGT AVERAGE	11:40-13:40	-	-	-	26.6	°C
Heat Stress	11:40-12:10	24.8	41.6	36.6	29.8	°C
บริเวณเตาหลอมและเตาพัก #2	12:10-12:40	25.5	42.5	37.2	30.6	°C
(ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา	12:40-13:10	24.8	41.2	36.1	29.7	°C
1 เมตร) Furnace Section #2	13:10-13:40	25.5	41.9	37.6	30.4	°C
WBGT AVERAGE	11:40-13:40	-	-	-	30.1	°C
WBGT (TWA)	11:40-13:40	-	-	-	28.4	°C
STANDARD		-	-	-	32.0 ^{1/2}	°C

REMARK:

Work Load is Moderate, Indoor

^{1/} Regulation of The Ministry of Labour B.E. 2559 (2016)^{2/} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature, GT = Globe Temperature

DB = Dry - Bulb Temperature, WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement by Mr. Wattana Khotha)



Approved By

(MRS. WANPEN LHAOCHINDAWAT)

20/04/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0427

Report No. R6504-0641

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณควบคุมเครื่องจักรของเตาหลอมและเครื่องหล่ออย่างต่อเนื่อง #2
Furnace & Caster Control Panel Continuous Casting Machine #2

MEASURING DATE : 08/04/2022 SAMPLE NO. : 05200

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 08/04/2022
Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 20/04/2022
Serial No. TPL090016

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	11:40-12:10	22.7	33.9	32.8	26.1	°C
	12:10-12:40	23.1	34.2	33.2	26.4	°C
	12:40-13:10	23.1	34.9	33.8	26.6	°C
	13:10-13:40	23.7	35.1	34.3	27.1	°C
WBGT AVERAGE	11:40-13:40	-	-	-	26.6	°C
STANDARD		-	-	-	32.0 ^{1/2}	°C

REMARK:

Work Load is Moderate, Indoor

^{1/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{1/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Mr. Wattana Khotla)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

20/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0427

Report No. R6504-0642

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณเตาหลอมและเตาพัก #2 (ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา 1 เมตร) Furnace Section #2

MEASURING DATE : 08/04/2022 SAMPLE NO. : 05201

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 08/04/2022

Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 20/04/2022

Serial No. TPL090017

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	11:40-12:10	24.8	41.6	36.6	29.8	°C
	12:10-12:40	25.5	42.5	37.2	30.6	°C
	12:40-13:10	24.8	41.2	36.1	29.7	°C
	13:10-13:40	25.5	41.9	37.6	30.4	°C
WBGT AVERAGE	11:40-13:40	-	-	-	30.1	°C
STANDARD		-	-	-	32.0 ^{/1,2}	°C

REMARK:

Work Load is Moderate, Indoor

^{/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

GT = Globe Temperature

DB = Dry - Bulb Temperature

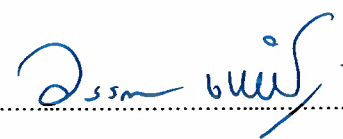
WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009
(Measurement By Mr. Wattana Khotla)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....



(MRS. WANPEN LHAOCHINDAWAT)

20/04/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0580

Report No. R6505-1993 - R6505-1994

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณเตาหลอมและเตาพัก #1 (ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา 1 เมตร) Furnace Section #1
บริเวณควบคุมเครื่องจักรของเตาหลอมและเครื่องหล่ออย่างต่อเนื่อง #1
Furnace & Caster Control Panel Continuous Casting Machine #1

MEASURING DATE : 17/05/2022 SAMPLE NO. : 08883-08884

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 17/05/2022
Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 20/05/2022
Serial No. TEU080011, TEU080012

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress						
บริเวณควบคุมเครื่องจักรของเตาหลอมและ	11:00-11:30	27.9	38.6	34.0	31.1	°C
เครื่องหล่ออย่างต่อเนื่อง #1	11:30-12:00	28.1	39.0	34.2	31.4	°C
Furnace & Caster Control Panel	12:00-12:30	28.7	39.3	35.3	31.9	°C
Continuous Casting Machine #1	12:30-13:00	28.9	39.4	35.8	32.1	°C
WBGT AVERAGE	11:00-13:00	-	-	-	31.6	°C
Heat Stress	11:00-11:30	27.0	33.9	33.5	29.1	°C
บริเวณเตาหลอมและเตาพัก #1	11:30-12:00	27.2	34.0	33.5	29.2	°C
(ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา	12:00-12:30	26.9	34.4	34.0	29.2	°C
1 เมตร) Furnace Section #1	12:30-13:00	26.8	34.9	33.5	29.2	°C
WBGT AVERAGE	11:00-13:00	-	-	-	29.2	°C
WBGT (TWA)	11:00-13:00	-	-	-	30.4	°C
STANDARD		-	-	-	32.0 ^{1/2}	°C

REMARK:

Work Load is Moderate, Indoor

^{1/} Regulation of The Ministry of Labour B.E. 2559 (2016)^{1/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature, GT = Globe Temperature

DB = Dry - Bulb Temperature, WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Thanatpon Kinsopon)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

20/05/2022

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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Request No. LA65-R0580

Report No. R6505-1993

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณควบคุมเครื่องจักรของเคาหลอมและเครื่องหล่ออย่างต่อเนื่อง #1
Furnace & Caster Control Panel Continuous Casting Machine #1

MEASURING DATE : 17/05/2022 SAMPLE NO. : 08883

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 17/05/2022
Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 20/05/2022
Serial No. TEU080011

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	11:00-11:30	27.9	38.6	34.0	31.1	°C
	11:30-12:00	28.1	39.0	34.2	31.4	°C
	12:00-12:30	28.7	39.3	35.3	31.9	°C
	12:30-13:00	28.9	39.4	35.8	32.1	°C
WBGT AVERAGE	11:00-13:00	-	-	-	31.6	°C
STANDARD		-	-	-	32.0 ^{1/2}	°C

REMARK:

Work Load is Moderate, Indoor

^{1/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{1/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Thanatporn Klinsopon)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

20/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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Request No. LA65-R0580

Report No. R6505-1994

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณเตาหลอมและเตาพัก #1 (ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา 1 เมตร) Furnace Section #1

MEASURING DATE : 17/05/2022 SAMPLE NO. : 08884

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 17/05/2022

Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 20/05/2022

Serial No. TEU080012

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	11:00-11:30	27.0	33.9	33.5	29.1	°C
	11:30-12:00	27.2	34.0	33.5	29.2	°C
	12:00-12:30	26.9	34.4	34.0	29.2	°C
	12:30-13:00	26.8	34.9	33.5	29.2	°C
WBGT AVERAGE	11:00-13:00	-	-	-	29.2	°C
STANDARD		-	-	-	32.0 ^{1/2}	°C

REMARK:

Work Load is Moderate, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Thanatporn Klinsopon)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

20/05/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0637

Report No. R6506-1454 - R6506-1455

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณเตาหลอมและเตาพัก #1 (ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา 1 เมตร) Furnace Section #1
บริเวณเครื่องหล่ออย่างต่อเนื่อง #1 Continuous Caster #1

MEASURING DATE : 07/06/2022 SAMPLE NO. : 11709-11710

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 07/06/2022
Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 13/06/2022
Serial No. TPL090016, TEU080013

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress						
บริเวณเตาหลอมและเตาพัก #1	11:00-11:30	26.9	37.9	33.0	30.2	°C
(ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา	11:30-12:00	27.5	37.9	34.2	30.6	°C
1 เมตร) Furnace Section #1	12:00-12:30	27.1	37.8	33.7	30.3	°C
	12:30-13:00	27.3	37.8	33.8	30.5	°C
WBGT AVERAGE	11:00-13:00	-	-	-	30.4	°C
Heat Stress	11:00-11:30	27.3	35.9	34.0	29.9	°C
บริเวณเครื่องหล่ออย่างต่อเนื่อง #1	11:30-12:00	27.4	35.9	34.2	30.0	°C
Continuous Caster #1	12:00-12:30	27.4	36.5	34.6	30.1	°C
	12:30-13:00	27.2	36.5	34.5	30.0	°C
WBGT AVERAGE	11:00-13:00	-	-	-	30.0	°C
WBGT (TWA)	11:00-13:00	-	-	-	30.2	°C
STANDARD		-	-	-	32.0 ^{1/2}	°C

REMARK:

Work Load is Moderate, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature, GT = Globe Temperature

DB = Dry - Bulb Temperature, WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Thanaporn Klinsoon)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

13/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0637

Report No. R6506-1455

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณเตาหลอมและเตาพัก #1 (ตรวจวัดบริเวณที่ห่างจากด้านหน้าเตา 1 เมตร) Furnace Section #1

MEASURING DATE : 07/06/2022 SAMPLE NO. : 11710

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 07/06/2022

Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 13/06/2022

Serial No. TEU080013

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	11:00-11:30	26.9	37.9	33.0	30.2	°C
	11:30-12:00	27.5	37.9	34.2	30.6	°C
	12:00-12:30	27.1	37.8	33.7	30.3	°C
	12:30-13:00	27.3	37.8	33.8	30.5	°C
WBGT AVERAGE	11:00-13:00	-	-	-	30.4	°C
STANDARD		-	-	-	32.0 ^{1/2}	°C

REMARK:

Work Load is Moderate, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Thanatporn Klinsopon)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

13/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA65-R0637

Report No. R6506-1454

TEST REPORT

CUSTOMER : Meyer Aluminium (Thailand) Co., Ltd.

ADDRESS : 38/32 Moo 5 Laem Chabang Industrial Estate, Sriracha, Chonburi 20230

SAMPLE SOURCE : Meyer Aluminium (Thailand) Co., Ltd.

SAMPLE POINT : บริเวณเครื่องหล่ออย่างต่อเนื่อง #1 Continuous Caster #1

MEASURING DATE : 07/06/2022 SAMPLE NO. : 11709

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 07/06/2022

Wet Bulb Globe Temperature (WBGT) ; REPORTED DATE : 13/06/2022

Serial No. TPL090016

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	11:00-11:30	27.3	35.9	34.0	29.9	°C
	11:30-12:00	27.4	35.9	34.2	30.0	°C
	12:00-12:30	27.4	36.5	34.6	30.1	°C
	12:30-13:00	27.2	36.5	34.5	30.0	°C
WBGT AVERAGE	11:00-13:00	-	-	-	30.0	°C
STANDARD		-	-	-	32.0 ^{/1,2}	°C

REMARK:

Work Load is Moderate, Indoor

^{/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Thanatporn Klinsoapon)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

13/06/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY