

ระดับความร้อน



บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด
683 หมู่ 11 ถนนสุขุมวิท 8 ต.หนองปรือ อ.หัวหิน จ.ประจวบคีรีขันธ์ 20230
โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095
เว็บไซต์ : http://www.etc1992.com อีเมล : info@etc1992.com E-mail : info@etc1992.com



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Request No. LA65-R0374
Report No. R6503-1608

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakomsongkrohroad Rd., T. Mapiaphut A. Muangrayong, Rayong 21150
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.
SAMPLE POINT : บริเวณพื้นที่ ERU
MEASURING DATE : 28/03/2022
REPORTED DATE : 30/03/2022
SAMPLING INSTRUMENT : Heat Stress ;
Wet Bulb Globe Temperature (WBGT) : Serial No. TEU080012

PARAMETER*	SAMPLING TIME	RESULT			
		NWB	GT	DB	WBGT UNIT
Heat Stress	10:30-11:00	27.9	37.7	32.2	30.3 °C
	11:00-11:30	28.0	37.6	32.5	30.4 °C
	11:30-12:00	28.0	37.6	32.3	30.4 °C
	12:00-12:30	28.1	37.5	32.4	30.4 °C
WBGT AVERAGE	10:30-12:30	-	-	-	30.4 °C
STANDARD		-	-	-	34.0 ^{1/2} °C

REMARK :

Work Load is Light, Outdoor

^{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 Kholia)

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

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakomsongkrohroad Rd., T. Mapiaphut A. Muangrayong, Rayong 21150
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.
SAMPLE POINT : บริเวณพื้นที่ ERU
MEASURING DATE : 17/05/2022
REPORTED DATE : 20/05/2022
SAMPLING INSTRUMENT : Heat Stress ;
Wet Bulb Globe Temperature (WBGT) : Serial No. TEU080015

PARAMETER*	SAMPLING TIME	RESULT			
		NWB	GT	DB	WBGT UNIT
Heat Stress	13:00-13:30	28.5	42.0	37.4	32.1 °C
	13:30-14:00	28.4	41.6	36.8	31.9 °C
	14:00-14:30	28.2	40.6	36.6	31.5 °C
	14:30-15:00	28.4	40.4	36.5	31.6 °C
WBGT AVERAGE	13:00-15:00	-	-	-	31.8 °C
STANDARD		-	-	-	34.0 ^{1/2} °C

REMARK :

Work Load is Light, Outdoor

^{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 Kholia)

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Request No. LA65-R0374

Report No. R6503-1609

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakomsongkrohroad Rd., T. Mapiaphut A. Muangrayong, Rayong 21150
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.
SAMPLE POINT : บริเวณพื้นที่ WWI
MEASURING DATE : 28/03/2022
SAMPLING INSTRUMENT : Heat Stress ;
Wet Bulb Globe Temperature (WBGT) : Serial No. TEU080013

PARAMETER*	SAMPLING TIME	RESULT			
		NWB	GT	DB	WBGT UNIT
Heat Stress	10:40-11:10	27.2	34.1	31.2	29.3 °C
	11:10-11:40	27.6	36.1	33.0	30.2 °C
	11:40-12:10	27.9	37.1	33.4	30.7 °C
	12:10-12:40	28.8	36.5	34.4	31.1 °C
WBGT AVERAGE	10:40-12:40	-	-	-	30.3 °C
STANDARD		-	-	-	34.0 ^{1/2} °C

REMARK :

Work Load is Light, Indoor

- ^{1/1} Regulation of The Ministry of Labour B.E. 2559 (2016)
^{2/2} 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 Kholla)

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Request No. LA65-R0579

Report No. R6505-1991

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakomsongkrohroad Rd., T. Mapiaphut A. Muangrayong, Rayong 21150
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.
SAMPLE POINT : บริเวณพื้นที่ WWI
MEASURING DATE : 17/05/2022
SAMPLING INSTRUMENT : Heat Stress ;
Wet Bulb Globe Temperature (WBGT) : Serial No. TPL060040

PARAMETER*	SAMPLING TIME	RESULT			
		NWB	GT	DB	WBGT UNIT
Heat Stress	13:00-13:30	26.7	34.2	30.3	29.0 °C
	13:30-14:00	26.8	34.8	30.5	29.2 °C
	14:00-14:30	26.5	35.0	30.4	29.1 °C
	14:30-15:00	27.0	36.1	31.3	29.7 °C
WBGT AVERAGE	13:00-15:00	-	-	-	29.2 °C
STANDARD		-	-	-	34.0 ^{1/2} °C

REMARK :

Work Load is Light, Indoor

- ^{1/1} Regulation of The Ministry of Labour B.E. 2559 (2016)
^{2/2} 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 Kholla)

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Request No. LA65-R0374

Report No. R6503-1610

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakomsongkroh Rd., T. Mapiaphut A. Muangrayong, Rayong 21150
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.
SAMPLE POINT : บริเวณพื้นที่ SAR
MEASURING DATE : 28/03/2022
SAMPLING INSTRUMENT : Heat Stress ;

SAMPLE NO. : 04107
RECEIVED DATE : 28/03/2022
REPORTED DATE : 30/03/2022

Wet Bulb Globe Temperature (WBGT) : Serial No. TEL080015

PARAMETER*	SAMPLING TIME	RESULT			
		NWB	GT	DB	WBGT UNIT
Heat Stress	13:10-13:40	29.1	40.2	36.3	32.4 °C
	13:40-14:10	29.2	40.3	36.5	32.5 °C
	14:10-14:40	28.9	38.1	35.1	31.7 °C
	14:40-15:10	28.8	37.9	35.0	31.5 °C
WBGT AVERAGE	13:10-15:10	-	-	-	32.0 °C
STANDARD		-	-	-	34.0 ^{1/2} °C

REMARK :

Work Load is Light, Indoor

^{1/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{2/2} 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 Khollia)

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Request No. LA65-R0579

Report No. R6505-1992

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakomsongkroh Rd., T. Mapiaphut A. Muangrayong, Rayong 21150
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.
SAMPLE POINT : บริเวณพื้นที่ SAR
MEASURING DATE : 17/05/2022
SAMPLING INSTRUMENT : Heat Stress ;

SAMPLE NO. : 08882
RECEIVED DATE : 17/05/2022
REPORTED DATE : 20/05/2022

Wet Bulb Globe Temperature (WBGT) : Serial No. TEU080014

PARAMETER*	SAMPLING TIME	RESULT			
		NWB	GT	DB	WBGT UNIT
Heat Stress	13:00-13:30	28.6	38.3	34.6	31.5 °C
	13:30-14:00	28.7	38.6	34.7	31.7 °C
	14:00-14:30	28.7	37.5	34.4	31.3 °C
	14:30-15:00	28.6	37.9	34.4	31.4 °C
WBGT AVERAGE	13:00-15:00	-	-	-	31.5 °C
STANDARD		-	-	-	34.0 ^{1/2} °C

REMARK :

Work Load is Light, Indoor

^{1/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{2/2} 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 Khollia)

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