

ภาคผนวก

ภาคผนวกที่	1	ผลการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม
ภาคผนวกที่	2	เอกสารขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน และใบอนุญาตเป็นผู้ให้บริการตรวจวัดและวิเคราะห์ระดับความเข้มข้นของสารเคมีอันตรายในบรรยากาศของสถานที่ทำงานและสถานที่เก็บรักษาสารเคมีอันตราย ระดับความร้อน แสงสว่าง และเสียง จากกรมสวัสดิการและคุ้มครองแรงงาน
ภาคผนวกที่	3	ใบรับรองความสามารถห้องปฏิบัติการวิเคราะห์
ภาคผนวกที่	4	สรุปเอกสารสอบเทียบอุปกรณ์เครื่องมือ
ภาคผนวกที่	5	เอกสาร Detection Limit ของรายการทดสอบต่างๆ
ภาคผนวกที่	6	ผลการพิจารณารายงานการเปลี่ยนแปลงเปลี่ยนแปลงรายละเอียดโครงการในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมโครงการนิคมอุตสาหกรรมปิ่นทอง (โครงการ 3) ได้รับการพิจารณาเห็นชอบตามหนังสือเลขที่ ทส 1010.3/11364
ภาคผนวกที่	7	ภาพแสดงผลการตรวจวิเคราะห์คุณภาพน้ำทิ้งโรงงานที่มีค่าไม่เป็นไปตามมาตรฐาน
ภาคผนวกที่	8	แบบสำรวจข้อมูลพื้นฐานด้านสิ่งแวดล้อม
ภาคผนวกที่	9	รายชื่อโรงงานภายในนิคมอุตสาหกรรมปิ่นทอง โครงการ 3
ภาคผนวกที่	10	ข้อกำหนดและข้อปฏิบัติของผู้ประกอบการในนิคมอุตสาหกรรมปิ่นทอง
ภาคผนวกที่	11	แผนมวลชนสัมพันธ์ ประจำปี 2566
ภาคผนวกที่	12	ภาพถ่ายการช่วยเหลือชุมชนที่ตั้งอยู่ใกล้เคียงโดยรอบโครงการ ประจำเดือนกรกฎาคม-ธันวาคม 2566 และสรุปผลการสำรวจความคิดเห็นของชุมชน ประจำปี 2566
ภาคผนวกที่	13	อัตราการระบายมลพิษทางอากาศ
ภาคผนวกที่	14	ผลการตรวจวัดปริมาณสารเคมี VOCs และสภาพแวดล้อมในการทำงานของโรงงานต่างๆ ภายในโครงการ
ภาคผนวกที่	15	การคำนวณค่าปรับในการบำบัดน้ำเสีย “นิคมอุตสาหกรรมปิ่นทอง โครงการ 3”
ภาคผนวกที่	16	ผลการตรวจวิเคราะห์คุณภาพน้ำทิ้งจากโรงงานภายในนิคมอุตสาหกรรมปิ่นทอง โครงการ 3 ประจำเดือนกรกฎาคม-ธันวาคม 2566
ภาคผนวกที่	17	แผนการชุดล่อกล่ารางวัลสาธารณะ ประจำปี 2566
ภาคผนวกที่	18	บันทึกปริมาณขยะมูลฝอยของโรงงาน
ภาคผนวกที่	19	ใบกำกับการขนส่งของเสียอันตราย (Manifest Form)
ภาคผนวกที่	20	ขั้นตอนรับเรื่องร้องเรียน (แสดงดังรูปที่ 1)
ภาคผนวกที่	21	สายบังคับบัญชาของระดับภาวะฉุกเฉินทั้ง 3 ระดับ (แสดงดังรูปที่ 2 ถึงรูปที่ 5)
ภาคผนวกที่	22	มาตรการด้านความปลอดภัย และแผนฉุกเฉินกรณีเกิดอุบัติเหตุหรือเพลิงไหม้

ภาคผนวก (ต่อ)

ภาคผนวกที่	23	การฝึกซ้อมดับเพลิงร่วมกับเทศบาลนครเจ้าพระยาสุรศักดิ์ ประจำปี 2566 และการซ้อมแผนฉุกเฉินร่วมกับโรงงาน ประจำปี 2566
ภาคผนวกที่	24	ตัวอย่างมาตรการด้านความปลอดภัย และแผนฉุกเฉินของโรงงานต่างๆ ภายในโครงการ
ภาคผนวกที่	25	ตัวอย่างการฝึกซ้อมแผนฉุกเฉินของโรงงานในนิคมอุตสาหกรรม ประจำปี 2566
ภาคผนวกที่	26	แผนการจัดส่งปดาร์ความปลอดภัย ประจำปี 2566
ภาคผนวกที่	27	เอกสารการตรวจสอบสภาพของอุปกรณ์/เครื่องจักร และระบบไฟฟ้าของโรงงานอุตสาหกรรม
ภาคผนวกที่	28	แผนฉุกเฉินกรณีเกิดการรั่วไหลหรือไฟไหม้ของโรงงานที่เก็บกักก๊าซ LPG
ภาคผนวกที่	29	ผังแม่บทโครงการ
ภาคผนวกที่	30	แผนดูแลพื้นที่สีเขียว และสรุปการดำเนินการพื้นที่สีเขียวแนวกันชน ประจำปี 2566
ภาคผนวกที่	31	ปริมาณการใช้น้ำประปาของโรงงาน ประจำปีเดือนกรกฎาคม-ธันวาคม 2566
ภาคผนวกที่	32	สถิติปริมาณการใช้ไฟฟ้าของโรงงานอุตสาหกรรม ประจำปี 2566
ภาคผนวกที่	33	ข้อมูลทางด้านสาธารณสุข ประจำปี 2566
ภาคผนวกที่	34	บันทึกสถิติอุบัติเหตุของโรงงานต่างๆ ภายในโครงการ
ภาคผนวกที่	35	ผลการตรวจสอบสุขภาพพนักงานของโรงงานต่างๆ ภายในโครงการ
ภาคผนวกที่	36	ข้อมูลการนำน้ำที่ผ่านการบำบัดกลับมาใช้ประโยชน์ ประจำปีเดือนกรกฎาคม-ธันวาคม 2566
ภาคผนวกที่	37	โครงสร้างคณะทำงานเพื่อบริหารและจัดการของเสีย
ภาคผนวกที่	38	เอกสารแสดงตำแหน่งบ่อน้ำ
ภาคผนวกที่	39	แผนการจัดประชุมเจ้าหน้าที่ด้านความปลอดภัยของโรงงานอุตสาหกรรมต่างๆ ในนิคมอุตสาหกรรมฯ ประจำปี 2566 และภาพการประชุมเจ้าหน้าที่ด้านความปลอดภัยของโรงงานอุตสาหกรรมต่างๆ ในนิคมอุตสาหกรรมฯ ประจำปี 2566
ภาคผนวกที่	40	ใบกำกับการขนส่งของเสียไม่อันตราย (Manifest Form)
ภาคผนวกที่	41	ตารางสรุปปริมาณกากของเสีย
ภาคผนวกที่	42	สถิติอุบัติเหตุจากทางหลวงหมายเลข 331 ประจำปี 2566
ภาคผนวกที่	43	รายงานสรุปผลการตรวจสอบผลกระทบสิ่งแวดล้อม (Environmental compliance audit)
ภาคผนวกที่	44	ผลการตรวจวิเคราะห์โลหะหนักของโรงงานที่มีเคมีปนเปื้อน ประจำปีเดือนกรกฎาคม-ธันวาคม 2566
ภาคผนวกที่	45	บัญชีรายละเอียด (Manifest) น้ำเสียของโรงงานที่มีการส่งน้ำเสียส่งกำจัด ภายนอกโรงงาน

ภาคผนวกที่ 1

ผลการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม

Request No. ATR6610003

Report No. 6610-0138 - 6610-0144

TEST REPORT

CUSTOMER : Pinthong Industrial Park Public Company Limited
 ADDRESS : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
 SAMPLE SOURCE : Pinthong Industrial Park (Project 3)
 SAMPLE NAME : บ้านเขาชี (A1)
 RECEIVED DATE : 03/10/2023
 TESTED DATE : 03/10/2023-09/10/2023
 SAMPLE NO. : A66100138 - A66100144
 REPORTED DATE : 11/10/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ¹	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	18-19/09/2023	0.050	0.33	mg/m ³
		19-20/09/2023	0.060	0.33	mg/m ³
		20-21/09/2023	0.045	0.33	mg/m ³
		21-22/09/2023	0.032	0.33	mg/m ³
		22-23/09/2023	0.039	0.33	mg/m ³
		23-24/09/2023	0.043	0.33	mg/m ³
		24-25/09/2023	0.035	0.33	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)



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Approved By

(Miss Thanatporn Klinsoon)

11/10/2023

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Request No. ATR6610003

Report No. 6610-0131 - 6610-0137

TEST REPORT

CUSTOMER : Pinthong Industrial Park Public Company Limited
 ADDRESS : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
 SAMPLE SOURCE : Pinthong Industrial Park (Project 3)
 SAMPLE NAME : บ้านเขาชี (A1)
 RECEIVED DATE : 03/10/2023 SAMPLE NO. : A66100131 - A66100137
 TESTED DATE : 03/10/2023-09/10/2023 REPORTED DATE : 11/10/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ¹	UNIT
Particulate matter less than or Equal 10 micrometers (PM 10)	Gravimetric Method	18-19/09/2023	0.039	0.12	mg/m ³
		19-20/09/2023	0.048	0.12	mg/m ³
		20-21/09/2023	0.025	0.12	mg/m ³
		21-22/09/2023	0.018	0.12	mg/m ³
		22-23/09/2023	0.031	0.12	mg/m ³
		23-24/09/2023	0.033	0.12	mg/m ³
		24-25/09/2023	0.025	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)



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Approved By



(Miss Thanatporn Klinson)

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Request No. ATR6610003

Report No. 6610-0082 - 6610-0088

TEST REPORT

CUSTOMER : Pinthong Industrial Park Public Company Limited
 ADDRESS : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
 SAMPLE SOURCE : Pinthong Industrial Park (Project 3)
 SAMPLE NAME : บ้านเขาตะแบก (A2)
 RECEIVED DATE : 03/10/2023
 TESTED DATE : 03/10/2023-09/10/2023
 SAMPLE NO. : A66100082 - A66100088
 REPORTED DATE : 11/10/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{/1}	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	18-19/09/2023	0.030	0.33	mg/m ³
		19-20/09/2023	0.034	0.33	mg/m ³
		20-21/09/2023	0.036	0.33	mg/m ³
		21-22/09/2023	0.023	0.33	mg/m ³
		22-23/09/2023	0.028	0.33	mg/m ³
		23-24/09/2023	0.026	0.33	mg/m ³
		24-25/09/2023	0.021	0.33	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)

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Approved By

(Miss Thanatporn Klinsoon)

11/10/2023

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Request No. ATR6610003

Report No. 6610-0075 - 6610-0081

TEST REPORT

CUSTOMER : Pinthong Industrial Park Public Company Limited
 ADDRESS : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
 SAMPLE SOURCE : Pinthong Industrial Park (Project 3)
 SAMPLE NAME : บ้านเขาตะแบก (A2)
 RECEIVED DATE : 03/10/2023
 TESTED DATE : 03/10/2023-09/10/2023
 SAMPLE NO. : A66100075 - A66100081
 REPORTED DATE : 11/10/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ¹¹	UNIT
Particulate matter less than or Equal					
10 micrometers (PM 10)	Gravimetric Method	18-19/09/2023	0.023	0.12	mg/m ³
		19-20/09/2023	0.025	0.12	mg/m ³
		20-21/09/2023	0.026	0.12	mg/m ³
		21-22/09/2023	0.012	0.12	mg/m ³
		22-23/09/2023	0.017	0.12	mg/m ³
		23-24/09/2023	0.018	0.12	mg/m ³
		24-25/09/2023	0.014	0.12	mg/m ³

REMARK:

¹¹ 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.

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Request No. ATR6610003

Report No. 6610-0124 - 6610-0130

TEST REPORT

CUSTOMER : Pinthong Industrial Park Public Company Limited
 ADDRESS : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
 SAMPLE SOURCE : Pinthong Industrial Park (Project 3)
 SAMPLE NAME : สำนักงานโครงการ (A3)
 RECEIVED DATE : 03/10/2023 SAMPLE NO. : A66100124 - A66100130
 TESTED DATE : 03/10/2023-09/10/2023 REPORTED DATE : 11/10/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{1/}	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	18-19/09/2023	0.079	0.33	mg/m ³
		19-20/09/2023	0.057	0.33	mg/m ³
		20-21/09/2023	0.045	0.33	mg/m ³
		21-22/09/2023	0.033	0.33	mg/m ³
		22-23/09/2023	0.048	0.33	mg/m ³
		23-24/09/2023	0.045	0.33	mg/m ³
		24-25/09/2023	0.035	0.33	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.

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Request No. ATR6610003

Report No. 6610-0117 - 6610-0123

TEST REPORT

CUSTOMER : Pinthong Industrial Park Public Company Limited
 ADDRESS : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
 SAMPLE SOURCE : Pinthong Industrial Park (Project 3)
 SAMPLE NAME : สำนักงานโครงการ (A3)
 RECEIVED DATE : 03/10/2023
 TESTED DATE : 03/10/2023-09/10/2023
 SAMPLE NO. : A66100117 - A66100123
 REPORTED DATE : 11/10/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{1/}	UNIT
Particulate matter less than or Equal					
10 micrometers (PM 10)	Gravimetric Method	18-19/09/2023	0.053	0.12	mg/m ³
		19-20/09/2023	0.044	0.12	mg/m ³
		20-21/09/2023	0.025	0.12	mg/m ³
		21-22/09/2023	0.013	0.12	mg/m ³
		22-23/09/2023	0.032	0.12	mg/m ³
		23-24/09/2023	0.036	0.12	mg/m ³
		24-25/09/2023	0.020	0.12	mg/m ³

REMARK:

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

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Request No. ATR6610003

Report No. 6610-0110 - 6610-0116

TEST REPORT

CUSTOMER : Pinthong Industrial Park Public Company Limited
 ADDRESS : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
 SAMPLE SOURCE : Pinthong Industrial Park (Project 3)
 SAMPLE NAME : วัดยางเอน (A4)
 RECEIVED DATE : 03/10/2023
 TESTED DATE : 03/10/2023-09/10/2023
 SAMPLE NO. : A66100110 - A66100116
 REPORTED DATE : 11/10/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ¹	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	18-19/09/2023	0.039	0.33	mg/m ³
		19-20/09/2023	0.061	0.33	mg/m ³
		20-21/09/2023	0.054	0.33	mg/m ³
		21-22/09/2023	0.029	0.33	mg/m ³
		22-23/09/2023	0.041	0.33	mg/m ³
		23-24/09/2023	0.040	0.33	mg/m ³
		24-25/09/2023	0.035	0.33	mg/m ³

REMARK:

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

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(Miss Thanatporn Klinsopon)

11/10/2023

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Request No. ATR6610003

Report No. 6610-0103 - 6610-0109

TEST REPORT

CUSTOMER : Pinthong Industrial Park Public Company Limited
 ADDRESS : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
 SAMPLE SOURCE : Pinthong Industrial Park (Project 3)
 SAMPLE NAME : วิทยาศาสตร์ (A4)
 RECEIVED DATE : 03/10/2023 SAMPLE NO. : A66100103 - A66100109
 TESTED DATE : 03/10/2023-09/10/2023 REPORTED DATE : 11/10/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ¹	UNIT
Particulate matter less than or Equal					
10 micrometers (PM 10)	Gravimetric Method	18-19/09/2023	0.027	0.12	mg/m ³
		19-20/09/2023	0.027	0.12	mg/m ³
		20-21/09/2023	0.018	0.12	mg/m ³
		21-22/09/2023	0.011	0.12	mg/m ³
		22-23/09/2023	0.025	0.12	mg/m ³
		23-24/09/2023	0.026	0.12	mg/m ³
		24-25/09/2023	0.011	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)

11/10/2023

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Request No. ATR6610003

Report No. 6610-0096 - 6610-0102

TEST REPORT

CUSTOMER : Pinthong Industrial Park Public Company Limited
 ADDRESS : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
 SAMPLE SOURCE : Pinthong Industrial Park (Project 3)
 SAMPLE NAME : บ้านไร่โคกสมอ (A5)
 RECEIVED DATE : 03/10/2023
 TESTED DATE : 03/10/2023-09/10/2023
 SAMPLE NO. : A66100096 - A66100102
 REPORTED DATE : 11/10/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ¹	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	18-19/09/2023	0.037	0.33	mg/m ³
		19-20/09/2023	0.053	0.33	mg/m ³
		20-21/09/2023	0.042	0.33	mg/m ³
		21-22/09/2023	0.028	0.33	mg/m ³
		22-23/09/2023	0.044	0.33	mg/m ³
		23-24/09/2023	0.039	0.33	mg/m ³
		24-25/09/2023	0.036	0.33	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)

11/10/2023

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Request No. ATR6610003

Report No. 6610-0089 - 6610-0095

TEST REPORT

CUSTOMER : Pinthong Industrial Park Public Company Limited
 ADDRESS : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
 SAMPLE SOURCE : Pinthong Industrial Park (Project 3)
 SAMPLE NAME : บ้านไร่โคนสมอ (A5)
 RECEIVED DATE : 03/10/2023 SAMPLE NO. : A66100089 - A66100095
 TESTED DATE : 03/10/2023-09/10/2023 REPORTED DATE : 11/10/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{1/}	UNIT
Particulate matter less than or Equal					
10 micrometers (PM 10)	Gravimetric Method	18-19/09/2023	0.029	0.12	mg/m ³
		19-20/09/2023	0.036	0.12	mg/m ³
		20-21/09/2023	0.028	0.12	mg/m ³
		21-22/09/2023	0.018	0.12	mg/m ³
		22-23/09/2023	0.033	0.12	mg/m ³
		23-24/09/2023	0.028	0.12	mg/m ³
		24-25/09/2023	0.018	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)

11/10/2023

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Request No. LA66-R1006

Report No. R6610-0187 - R6610-0193

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : บ้านเขาชี (A1)
 PARAMETER* : Nitrogen Dioxide
 DETERMINATION METHOD : Chemiluminescence
 INSTRUMENT : API Model T200 S/N 6758

SAMPLE NO. : 29578-29584
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	18-19/09/2023	19-20/09/2023	20-21/09/2023	UNIT
13:00 - 14:00 ²	0.015	0.016	0.030	ppm
14:00 - 15:00	0.015	0.014	0.022	ppm
15:00 - 16:00	0.014	0.022	0.025	ppm
16:00 - 17:00	0.004	0.028	0.030	ppm
17:00 - 18:00	0.012	0.033	0.021	ppm
18:00 - 19:00	0.008	0.031	0.009	ppm
19:00 - 20:00	0.005	0.039	0.016	ppm
20:00 - 21:00	0.005	0.031	0.023	ppm
21:00 - 22:00	0.002	0.023	0.019	ppm
22:00 - 23:00	0.005	0.010	0.017	ppm
23:00 - 00:00	0.009	0.011	0.025	ppm
00:00 - 01:00	0.008	0.005	0.023	ppm
01:00 - 02:00	0.006	0.016	0.021	ppm
02:00 - 03:00	0.006	0.018	0.024	ppm
03:00 - 04:00	0.005	0.013	0.017	ppm
04:00 - 05:00	0.005	0.009	0.010	ppm
05:00 - 06:00	0.005	0.006	0.010	ppm
06:00 - 07:00	0.005	0.012	0.010	ppm
07:00 - 08:00	0.004	0.008	0.011	ppm
08:00 - 09:00	0.005	0.005	0.011	ppm
09:00 - 10:00	0.007	0.014	0.011	ppm
10:00 - 11:00	0.009	0.024	0.015	ppm
11:00 - 12:00	0.016	0.034	0.021	ppm
12:00 - 13:00	0.020	0.038	0.026	ppm
Maximum 1 hr.	0.020	0.039	0.030	ppm
Average 24 hr.	0.008	0.019	0.019	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 Regulation of The Department of Industrial Works
(Measurement By Mr. Tummarat Chankham)

Approved By

(MS. THANATPORN KLINSOPON)

03/10/2023

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Request No. LA66-R1006

Report No. R6610-0187 - R6610-0193

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : บ้านเขาชี (A1)
 PARAMETER* : Nitrogen Dioxide
 DETERMINATION METHOD : Chemiluminescence
 INSTRUMENT : API Model T200 S/N 6758

SAMPLE NO. : 29578-29584
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	21-22/09/2023	22-23/09/2023	23-24/09/2023	UNIT
13:00 - 14:00 ²	0.022	0.017	0.016	ppm
14:00 - 15:00	0.019	0.010	0.012	ppm
15:00 - 16:00	0.020	0.028	0.016	ppm
16:00 - 17:00	0.022	0.022	0.010	ppm
17:00 - 18:00	0.034	0.028	0.010	ppm
18:00 - 19:00	0.008	0.027	0.013	ppm
19:00 - 20:00	0.006	0.015	0.010	ppm
20:00 - 21:00	0.006	0.010	0.012	ppm
21:00 - 22:00	0.011	0.015	0.017	ppm
22:00 - 23:00	0.013	0.009	0.014	ppm
23:00 - 00:00	0.013	0.008	0.013	ppm
00:00 - 01:00	0.012	0.009	0.009	ppm
01:00 - 02:00	0.011	0.011	0.010	ppm
02:00 - 03:00	0.011	0.009	0.009	ppm
03:00 - 04:00	0.009	0.008	0.008	ppm
04:00 - 05:00	0.008	0.006	0.006	ppm
05:00 - 06:00	0.007	0.009	0.008	ppm
06:00 - 07:00	0.007	0.010	0.006	ppm
07:00 - 08:00	0.007	0.009	0.006	ppm
08:00 - 09:00	0.009	0.014	0.006	ppm
09:00 - 10:00	0.011	0.017	0.007	ppm
10:00 - 11:00	0.011	0.008	0.004	ppm
11:00 - 12:00	0.017	0.011	0.010	ppm
12:00 - 13:00	0.019	0.013	0.006	ppm
Maximum 1 hr.	0.034	0.028	0.017	ppm
Average 24 hr.	0.013	0.013	0.010	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. Tummaru (Thana Pong))

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

03/10/2023

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Request No. LA66-R1006

Report No. R6610-0187 - R6610-0193

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
SAMPLE POINT : บ้านเขาชี (A1)
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model T200 S/N 6758

SAMPLE NO. : 29578-29584
SAMPLING DATE : 18-25/09/2023
RECEIVED DATE : 25/09/2023
REPORTED DATE : 03/10/2023

TIME / DATE	24-25/09/2023	UNIT
13:00 - 14:00 ¹²	0.009	ppm
14:00 - 15:00	0.004	ppm
15:00 - 16:00	0.004	ppm
16:00 - 17:00	0.006	ppm
17:00 - 18:00	0.009	ppm
18:00 - 19:00	0.010	ppm
19:00 - 20:00	0.010	ppm
20:00 - 21:00	0.010	ppm
21:00 - 22:00	0.009	ppm
22:00 - 23:00	0.012	ppm
23:00 - 00:00	0.012	ppm
00:00 - 01:00	0.009	ppm
01:00 - 02:00	0.009	ppm
02:00 - 03:00	0.010	ppm
03:00 - 04:00	0.008	ppm
04:00 - 05:00	0.008	ppm
05:00 - 06:00	0.007	ppm
06:00 - 07:00	0.003	ppm
07:00 - 08:00	0.007	ppm
08:00 - 09:00	0.006	ppm
09:00 - 10:00	0.009	ppm
10:00 - 11:00	0.007	ppm
11:00 - 12:00	0.017	ppm
12:00 - 13:00	0.025	ppm
Maximum 1 hr.	0.025	ppm
Average 24 hr.	0.009	ppm
Standard (1 hr.) ¹¹	0.17	ppm

REMARK :

¹¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)¹² Start Time* Parameter Outside The Scope of The Registration of the Department of Industrial Works
(Measurement By Mr. Tummarat)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MS. THANATPORN KLINSOPON)

03/10/2023

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Request No. LA66-R1006

Report No. R6610-0229 - R6610-0235

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉิมบึง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
SAMPLE POINT : วัดเขาตะแบก (A2)
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model M200E S/N 3998

SAMPLE NO. : 29620-29626
SAMPLING DATE : 18-25/09/2023
RECEIVED DATE : 25/09/2023
REPORTED DATE : 03/10/2023

TIME / DATE	18-19/09/2023	19-20/09/2023	20-21/09/2023	UNIT
10:00 - 11:00 ¹²	0.022	0.016	0.017	ppm
11:00 - 12:00	0.024	0.019	0.020	ppm
12:00 - 13:00	0.026	0.021	0.022	ppm
13:00 - 14:00	0.025	0.026	0.029	ppm
14:00 - 15:00	0.023	0.040	0.039	ppm
15:00 - 16:00	0.029	0.032	0.038	ppm
16:00 - 17:00	0.025	0.033	0.046	ppm
17:00 - 18:00	0.024	0.022	0.045	ppm
18:00 - 19:00	0.024	0.020	0.038	ppm
19:00 - 20:00	0.023	0.021	0.033	ppm
20:00 - 21:00	0.023	0.019	0.026	ppm
21:00 - 22:00	0.022	0.019	0.021	ppm
22:00 - 23:00	0.021	0.018	0.023	ppm
23:00 - 00:00	0.022	0.018	0.021	ppm
00:00 - 01:00	0.024	0.018	0.020	ppm
01:00 - 02:00	0.023	0.018	0.020	ppm
02:00 - 03:00	0.020	0.019	0.020	ppm
03:00 - 04:00	0.017	0.017	0.023	ppm
04:00 - 05:00	0.017	0.018	0.025	ppm
05:00 - 06:00	0.014	0.018	0.025	ppm
06:00 - 07:00	0.014	0.018	0.026	ppm
07:00 - 08:00	0.015	0.017	0.027	ppm
08:00 - 09:00	0.013	0.015	0.029	ppm
09:00 - 10:00	0.013	0.018	0.013	ppm
Maximum 1 hr.	0.029	0.040	0.046	ppm
Average 24 hr.	0.021	0.021	0.027	ppm
Standard (1 hr.) ¹¹	0.17	0.17	0.17	ppm

REMARK :

¹¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)¹² Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummanee Phatthanakorn)

Approved By

(MS. THANATPORN KLINSOPON)

03/10/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
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Request No. LA66-R1006

Report No. R6610-0229 - R6610-0235

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินคัสเตเรียล ปาร์ค จำกัด (มหาชน)
ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมปลั่ง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
SAMPLE SOURCE : ปันทอง อินคัสเตเรียล ปาร์ค (โครงการ 3)
SAMPLE POINT : วัดเขาตะแบก (A2)
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model M200E S/N 3998

SAMPLE NO. : 29620-29626
SAMPLING DATE : 18-25/09/2023
RECEIVED DATE : 25/09/2023
REPORTED DATE : 03/10/2023

TIME / DATE	21-22/09/2023	22-23/09/2023	23-24/09/2023	UNIT
10:00 - 11:00 ²	0.022	0.009	0.008	ppm
11:00 - 12:00	0.021	0.009	0.010	ppm
12:00 - 13:00	0.039	0.009	0.010	ppm
13:00 - 14:00	0.038	0.008	0.009	ppm
14:00 - 15:00	0.042	0.008	0.008	ppm
15:00 - 16:00	0.039	0.008	0.009	ppm
16:00 - 17:00	0.038	0.009	0.008	ppm
17:00 - 18:00	0.038	0.010	0.008	ppm
18:00 - 19:00	0.040	0.010	0.010	ppm
19:00 - 20:00	0.015	0.013	0.018	ppm
20:00 - 21:00	0.028	0.013	0.012	ppm
21:00 - 22:00	0.014	0.019	0.011	ppm
22:00 - 23:00	0.007	0.024	0.013	ppm
23:00 - 00:00	0.009	0.015	0.013	ppm
00:00 - 01:00	0.008	0.013	0.015	ppm
01:00 - 02:00	0.013	0.011	0.017	ppm
02:00 - 03:00	0.017	0.010	0.015	ppm
03:00 - 04:00	0.019	0.010	0.010	ppm
04:00 - 05:00	0.022	0.009	0.012	ppm
05:00 - 06:00	0.022	0.012	0.010	ppm
06:00 - 07:00	0.015	0.010	0.025	ppm
07:00 - 08:00	0.015	0.011	0.017	ppm
08:00 - 09:00	0.010	0.010	0.013	ppm
09:00 - 10:00	0.010	0.009	0.013	ppm
Maximum 1 hr.	0.042	0.024	0.025	ppm
Average 24 hr.	0.022	0.011	0.012	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 Regulation of The Department of Industrial Works
(Measurement By Mr. Tummarut Pongthong)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MS. THANATPORN KLINSOPON)

03/10/2023

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Request No. LA66-R1006

Report No. R6610-0229 - R6610-0235

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉิม ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
SAMPLE POINT : วัดเขาตะแบก (A2)
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model M200E S/N 3998

SAMPLE NO. : 29620-29626
SAMPLING DATE : 18-25/09/2023
RECEIVED DATE : 25/09/2023
REPORTED DATE : 03/10/2023

TIME / DATE	24-25/09/2023	UNIT
10:00 - 11:00 ²	0.012	ppm
11:00 - 12:00	0.008	ppm
12:00 - 13:00	0.008	ppm
13:00 - 14:00	0.008	ppm
14:00 - 15:00	0.008	ppm
15:00 - 16:00	0.008	ppm
16:00 - 17:00	0.008	ppm
17:00 - 18:00	0.008	ppm
18:00 - 19:00	0.009	ppm
19:00 - 20:00	0.008	ppm
20:00 - 21:00	0.010	ppm
21:00 - 22:00	0.010	ppm
22:00 - 23:00	0.011	ppm
23:00 - 00:00	0.011	ppm
00:00 - 01:00	0.012	ppm
01:00 - 02:00	0.010	ppm
02:00 - 03:00	0.010	ppm
03:00 - 04:00	0.008	ppm
04:00 - 05:00	0.009	ppm
05:00 - 06:00	0.008	ppm
06:00 - 07:00	0.008	ppm
07:00 - 08:00	0.008	ppm
08:00 - 09:00	0.008	ppm
09:00 - 10:00	0.012	ppm
Maximum 1 hr.	0.012	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 Standards of The Department of Industrial Works
(Measurement By Mr. Tummarat Kongsakulchai)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By: 

(MS. THANATPORN KLINSOPON)

03/10/2023

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Request No. LA66-R1006

Report No. R6610-0173 - R6610-0179

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
ADDRESS : 789 ม. 1 ถ. สายหนองก้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
SAMPLE POINT : สำนักงานโครงการ (A3)
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model T200 S/N 2005

SAMPLE NO. : 29564-29570
SAMPLING DATE : 18-25/09/2023
RECEIVED DATE : 25/09/2023
REPORTED DATE : 03/10/2023

TIME / DATE	18-19/09/2023	19-20/09/2023	20-21/09/2023	UNIT
12:00 - 13:00 ¹²	0.010	0.006	0.011	ppm
13:00 - 14:00	0.011	0.006	0.011	ppm
14:00 - 15:00	0.009	0.005	0.009	ppm
15:00 - 16:00	0.004	0.005	0.008	ppm
16:00 - 17:00	0.006	0.009	0.011	ppm
17:00 - 18:00	0.007	0.013	0.014	ppm
18:00 - 19:00	0.009	0.011	0.016	ppm
19:00 - 20:00	0.009	0.015	0.018	ppm
20:00 - 21:00	0.009	0.019	0.017	ppm
21:00 - 22:00	0.009	0.014	0.017	ppm
22:00 - 23:00	0.009	0.017	0.017	ppm
23:00 - 00:00	0.007	0.020	0.015	ppm
00:00 - 01:00	0.007	0.024	0.017	ppm
01:00 - 02:00	0.007	0.010	0.014	ppm
02:00 - 03:00	0.006	0.014	0.019	ppm
03:00 - 04:00	0.006	0.015	0.016	ppm
04:00 - 05:00	0.007	0.011	0.013	ppm
05:00 - 06:00	0.006	0.008	0.008	ppm
06:00 - 07:00	0.006	0.008	0.008	ppm
07:00 - 08:00	0.005	0.012	0.008	ppm
08:00 - 09:00	0.006	0.012	0.010	ppm
09:00 - 10:00	0.007	0.011	0.010	ppm
10:00 - 11:00	0.005	0.010	0.009	ppm
11:00 - 12:00	0.005	0.011	0.006	ppm
Maximum 1 hr.	0.011	0.024	0.019	ppm
Average 24 hr.	0.007	0.012	0.012	ppm
Standard (1 hr.) ¹¹	0.17	0.17	0.17	ppm

REMARK : ¹¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)¹² Start Time* Parameter Outside The Scope of The Regulation of The Department of Industrial Works
(Measurement By Mr. Tummarut Ph...

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By: 
(MS. THANATPORN KLINSOPON)

03/10/2023

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Request No. LA66-R1006

Report No. R6610-0173 - R6610-0179

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : สำนักงานโครงการ (A3)
 PARAMETER* : Nitrogen Dioxide
 DETERMINATION METHOD : Chemiluminescence
 INSTRUMENT : API Model T200 S/N 2005

SAMPLE NO. : 29564-29570
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	21-22/09/2023	22-23/09/2023	23-24/09/2023	UNIT
12:00 - 13:00 ²	0.008	0.006	0.009	ppm
13:00 - 14:00	0.007	0.007	0.008	ppm
14:00 - 15:00	0.008	0.008	0.006	ppm
15:00 - 16:00	0.010	0.008	0.007	ppm
16:00 - 17:00	0.011	0.011	0.011	ppm
17:00 - 18:00	0.015	0.010	0.011	ppm
18:00 - 19:00	0.010	0.012	0.015	ppm
19:00 - 20:00	0.010	0.011	0.017	ppm
20:00 - 21:00	0.012	0.017	0.014	ppm
21:00 - 22:00	0.014	0.015	0.016	ppm
22:00 - 23:00	0.012	0.008	0.015	ppm
23:00 - 00:00	0.012	0.007	0.013	ppm
00:00 - 01:00	0.011	0.008	0.012	ppm
01:00 - 02:00	0.010	0.010	0.012	ppm
02:00 - 03:00	0.009	0.009	0.013	ppm
03:00 - 04:00	0.009	0.011	0.011	ppm
04:00 - 05:00	0.009	0.016	0.012	ppm
05:00 - 06:00	0.008	0.014	0.011	ppm
06:00 - 07:00	0.009	0.012	0.011	ppm
07:00 - 08:00	0.009	0.017	0.011	ppm
08:00 - 09:00	0.007	0.016	0.008	ppm
09:00 - 10:00	0.007	0.008	0.005	ppm
10:00 - 11:00	0.006	0.008	0.004	ppm
11:00 - 12:00	0.006	0.007	0.005	ppm
Maximum 1 hr.	0.015	0.017	0.017	ppm
Average 24 hr.	0.009	0.011	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 Regulation of The Department of Industrial Works
(Measurement By Mr. Tummarut Ph...

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By: 
(MS. THANATPORN KLINSOPON)

03/10/2023

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Request No. LA66-R1006

Report No. R6610-0173 - R6610-0179

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : สำนักงานโครงการ (A3)
 PARAMETER* : Nitrogen Dioxide
 DETERMINATION METHOD : Chemiluminescence
 INSTRUMENT : API Model T200 S/N 2005

SAMPLE NO. : 29564-29570
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	24-25/09/2023	UNIT
12:00 - 13:00 ^{/2}	0.006	ppm
13:00 - 14:00	0.007	ppm
14:00 - 15:00	0.008	ppm
15:00 - 16:00	0.009	ppm
16:00 - 17:00	0.013	ppm
17:00 - 18:00	0.013	ppm
18:00 - 19:00	0.014	ppm
19:00 - 20:00	0.015	ppm
20:00 - 21:00	0.014	ppm
21:00 - 22:00	0.014	ppm
22:00 - 23:00	0.012	ppm
23:00 - 00:00	0.010	ppm
00:00 - 01:00	0.009	ppm
01:00 - 02:00	0.010	ppm
02:00 - 03:00	0.009	ppm
03:00 - 04:00	0.009	ppm
04:00 - 05:00	0.008	ppm
05:00 - 06:00	0.007	ppm
06:00 - 07:00	0.006	ppm
07:00 - 08:00	0.007	ppm
08:00 - 09:00	0.007	ppm
09:00 - 10:00	0.005	ppm
10:00 - 11:00	0.004	ppm
11:00 - 12:00	0.007	ppm
Maximum 1 hr.	0.015	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 Regulations of The Department of Industrial Works
(Measurement By Mr. Tummarat P. Pankin)

Approved By

(MS. THANATPORN KLINSOPON)

03/10/2023

บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด
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Request No. LA66-R1006

Report No. R6610-0215 - R6610-0221

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
SAMPLE POINT : วัดยางเอน (A4)
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model T200 S/N 7874

SAMPLE NO. : 29606-29612
SAMPLING DATE : 18-25/09/2023
RECEIVED DATE : 25/09/2023
REPORTED DATE : 03/10/2023

TIME / DATE	18-19/09/2023	19-20/09/2023	20-21/09/2023	UNIT
11:00 - 12:00 ^{/2}	0.002	0.002	0.003	ppm
12:00 - 13:00	0.001	0.002	0.003	ppm
13:00 - 14:00	0.002	0.002	0.003	ppm
14:00 - 15:00	0.002	0.002	0.004	ppm
15:00 - 16:00	0.003	0.002	0.005	ppm
16:00 - 17:00	0.004	0.002	0.008	ppm
17:00 - 18:00	0.005	0.004	0.007	ppm
18:00 - 19:00	0.004	0.009	0.007	ppm
19:00 - 20:00	0.003	0.005	0.003	ppm
20:00 - 21:00	0.002	0.005	0.002	ppm
21:00 - 22:00	0.003	0.008	0.003	ppm
22:00 - 23:00	0.002	0.005	0.001	ppm
23:00 - 00:00	0.005	0.003	0.001	ppm
00:00 - 01:00	0.001	0.002	0.001	ppm
01:00 - 02:00	0.001	0.002	0.001	ppm
02:00 - 03:00	0.001	0.002	0.002	ppm
03:00 - 04:00	0.001	0.001	0.002	ppm
04:00 - 05:00	0.006	0.001	0.002	ppm
05:00 - 06:00	0.005	0.003	0.004	ppm
06:00 - 07:00	0.009	0.008	0.007	ppm
07:00 - 08:00	0.013	0.005	0.007	ppm
08:00 - 09:00	0.010	0.002	0.006	ppm
09:00 - 10:00	0.007	0.004	0.004	ppm
10:00 - 11:00	0.003	0.003	0.003	ppm
Maximum 1 hr.	0.013	0.009	0.008	ppm
Average 24 hr.	0.004	0.003	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 Regulation of The Department of Industrial Works
(Measurement By Mr. Tummarat P. Khun)

Approved By

(MS. THANATPORN KLINSOPON)

03/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA66-R1006

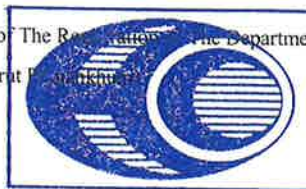
Report No. R6610-0215 - R6610-0221

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสตรีล ปาร์ค จำกัด (มหาชน)
ADDRESS : 789 ม. 1 ต. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
SAMPLE SOURCE : ปันทอง อินดัสตรีล ปาร์ค (โครงการ 3)
SAMPLE POINT : วัดยางเอน (A4)
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model T200 S/N 7874

SAMPLE NO. : 29606-29612
SAMPLING DATE : 18-25/09/2023
RECEIVED DATE : 25/09/2023
REPORTED DATE : 03/10/2023

TIME / DATE	21-22/09/2023	22-23/09/2023	23-24/09/2023	UNIT
11:00 - 12:00 ^{1/2}	0.001	0.001	0.002	ppm
12:00 - 13:00	0.001	0.001	0.005	ppm
13:00 - 14:00	0.001	0.001	0.003	ppm
14:00 - 15:00	0.002	0.001	0.002	ppm
15:00 - 16:00	0.002	0.003	0.003	ppm
16:00 - 17:00	0.003	0.004	0.004	ppm
17:00 - 18:00	0.004	0.004	0.005	ppm
18:00 - 19:00	0.003	0.005	0.004	ppm
19:00 - 20:00	0.003	0.002	0.002	ppm
20:00 - 21:00	0.002	0.002	0.002	ppm
21:00 - 22:00	0.002	0.002	0.001	ppm
22:00 - 23:00	0.002	0.002	0.002	ppm
23:00 - 00:00	0.002	0.003	0.004	ppm
00:00 - 01:00	0.002	0.003	0.004	ppm
01:00 - 02:00	0.003	0.002	0.002	ppm
02:00 - 03:00	0.003	0.003	0.004	ppm
03:00 - 04:00	0.003	0.003	0.007	ppm
04:00 - 05:00	0.002	0.002	0.008	ppm
05:00 - 06:00	0.003	0.002	0.009	ppm
06:00 - 07:00	0.005	0.003	0.009	ppm
07:00 - 08:00	0.003	0.004	0.010	ppm
08:00 - 09:00	0.002	0.002	0.009	ppm
09:00 - 10:00	0.002	0.001	0.004	ppm
10:00 - 11:00	0.001	0.002	0.002	ppm
Maximum 1 hr.	0.005	0.005	0.010	ppm
Average 24 hr.	0.002	0.002	0.004	ppm
Standard (1 hr.) ^{1/1}	0.17	0.17	0.17	ppm

REMARK : ^{1/1} Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)^{1/2} Start Time* Parameter Outside The Scope of The Regulation of The Department of Industrial Works
(Measurement By Mr. Tummarat P. Sankhuan)

Approved By

(MS. THANATPORN KLINSOPON)

03/10/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA66-R1006

Report No. R6610-0215 - R6610-0221

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉะบับ ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : วัดยางเอน (A4)
 PARAMETER* : Nitrogen Dioxide
 DETERMINATION METHOD : Chemiluminescence
 INSTRUMENT : API Model T200 S/N 7874

SAMPLE NO. : 29606-29612
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	24-25/09/2023	UNIT
11:00 - 12:00 ¹²	0.001	ppm
12:00 - 13:00	0.002	ppm
13:00 - 14:00	0.002	ppm
14:00 - 15:00	0.002	ppm
15:00 - 16:00	0.002	ppm
16:00 - 17:00	0.002	ppm
17:00 - 18:00	0.002	ppm
18:00 - 19:00	0.002	ppm
19:00 - 20:00	0.002	ppm
20:00 - 21:00	0.002	ppm
21:00 - 22:00	0.002	ppm
22:00 - 23:00	0.001	ppm
23:00 - 00:00	0.001	ppm
00:00 - 01:00	0.001	ppm
01:00 - 02:00	0.001	ppm
02:00 - 03:00	0.001	ppm
03:00 - 04:00	0.001	ppm
04:00 - 05:00	0.001	ppm
05:00 - 06:00	0.003	ppm
06:00 - 07:00	0.004	ppm
07:00 - 08:00	0.002	ppm
08:00 - 09:00	0.002	ppm
09:00 - 10:00	0.002	ppm
10:00 - 11:00	0.002	ppm
Maximum 1 hr.	0.004	ppm
Average 24 hr.	0.002	ppm
Standard (1 hr.) ¹¹	0.17	ppm

REMARK :

¹¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)¹² Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarat P. Srisakuldech)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MS. THANATPORN KLINSOPON)

03/10/2023

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Request No. LA66-R1006

Report No. R6610-0201 - R6610-0207

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
SAMPLE POINT : บ้านไร่โคสนสมอ (A5)
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : Horiba Model APNA-370 S/N XXSJ4FM

SAMPLE NO. : 29592-29598
SAMPLING DATE : 18-25/09/2023
RECEIVED DATE : 25/09/2023
REPORTED DATE : 03/10/2023

TIME / DATE	18-19/09/2023	19-20/09/2023	20-21/09/2023	UNIT
11:00 - 12:00 ^{1/2}	0.006	0.006	0.010	ppm
12:00 - 13:00	<0.001	0.005	0.012	ppm
13:00 - 14:00	0.002	0.005	0.009	ppm
14:00 - 15:00	0.004	0.004	0.006	ppm
15:00 - 16:00	<0.001	0.003	0.005	ppm
16:00 - 17:00	0.006	0.006	0.005	ppm
17:00 - 18:00	0.009	0.008	0.008	ppm
18:00 - 19:00	0.011	0.007	0.010	ppm
19:00 - 20:00	0.010	0.011	0.014	ppm
20:00 - 21:00	0.010	0.012	0.009	ppm
21:00 - 22:00	0.011	0.011	0.018	ppm
22:00 - 23:00	0.011	0.021	0.014	ppm
23:00 - 00:00	0.009	0.014	0.013	ppm
00:00 - 01:00	0.007	0.016	0.013	ppm
01:00 - 02:00	0.007	0.008	0.012	ppm
02:00 - 03:00	0.006	0.005	0.011	ppm
03:00 - 04:00	0.005	0.006	0.009	ppm
04:00 - 05:00	0.003	0.008	0.004	ppm
05:00 - 06:00	0.004	0.007	0.005	ppm
06:00 - 07:00	0.005	0.005	0.010	ppm
07:00 - 08:00	0.005	0.007	0.008	ppm
08:00 - 09:00	0.006	0.014	0.007	ppm
09:00 - 10:00	0.007	0.005	0.008	ppm
10:00 - 11:00	0.004	0.005	0.007	ppm
Maximum 1 hr.	0.011	0.021	0.018	ppm
Average 24 hr.	0.006	0.008	0.009	ppm
Standard (1 hr.) ^{1/1}	0.17	0.17	0.17	ppm

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MS. THANATPORN KLINSOPON)

03/10/2023

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Request No. LA66-R1006

Report No. R6610-0201 - R6610-0207

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ต. สายหนองค้อ-แหลมมั่งคั่ง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : บ้านไร่โคกสนมอ (A5)
 PARAMETER* : Nitrogen Dioxide
 DETERMINATION METHOD : Chemiluminescence
 INSTRUMENT : Horiba Model APNA-370 S/N XXSSJ4FM

SAMPLE NO. : 29592-29598
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	21-22/09/2023	22-23/09/2023	23-24/09/2023	UNIT
11:00 - 12:00 ¹²	0.008	0.005	0.005	ppm
12:00 - 13:00	0.005	0.005	0.004	ppm
13:00 - 14:00	0.003	0.004	0.002	ppm
14:00 - 15:00	0.003	0.002	0.003	ppm
15:00 - 16:00	0.003	0.004	0.005	ppm
16:00 - 17:00	0.004	0.004	0.011	ppm
17:00 - 18:00	0.005	0.006	0.010	ppm
18:00 - 19:00	0.001	0.006	0.014	ppm
19:00 - 20:00	0.001	0.008	0.019	ppm
20:00 - 21:00	0.016	0.010	0.016	ppm
21:00 - 22:00	0.016	0.013	0.013	ppm
22:00 - 23:00	0.006	0.004	0.017	ppm
23:00 - 00:00	0.004	0.004	0.016	ppm
00:00 - 01:00	0.004	0.007	0.013	ppm
01:00 - 02:00	0.003	0.003	0.008	ppm
02:00 - 03:00	0.003	0.005	0.006	ppm
03:00 - 04:00	0.003	0.006	0.005	ppm
04:00 - 05:00	0.003	0.006	0.005	ppm
05:00 - 06:00	0.006	0.005	0.005	ppm
06:00 - 07:00	0.007	0.009	0.005	ppm
07:00 - 08:00	0.008	0.012	0.005	ppm
08:00 - 09:00	0.006	0.014	0.008	ppm
09:00 - 10:00	0.005	0.008	0.006	ppm
10:00 - 11:00	0.006	0.007	0.004	ppm
Maximum 1 hr.	0.016	0.014	0.019	ppm
Average 24 hr.	0.005	0.007	0.009	ppm
Standard (1 hr.) ¹¹	0.17	0.17	0.17	ppm

REMARK : ¹¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)¹² Start Time* Parameter Outside The Scope of The Regulation of The Department of Industrial Works
(Measurement By Mr. Tummarut Klinkhachorn)

Approved By:

(MS. THANATPORN KLINSOPON)

03/10/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
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Request No. LA66-R1006

Report No. R6610-0201 - R6610-0207

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
SAMPLE POINT : บ้านไร่โคกสนมอ (A5)
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : Horiba Model APNA-370 S/N XXSSJ4FM

SAMPLE NO. : 29592-29598
SAMPLING DATE : 18-25/09/2023
RECEIVED DATE : 25/09/2023
REPORTED DATE : 03/10/2023

TIME / DATE	24-25/09/2023	UNIT
11:00 - 12:00 ¹²	0.005	ppm
12:00 - 13:00	0.004	ppm
13:00 - 14:00	0.006	ppm
14:00 - 15:00	0.005	ppm
15:00 - 16:00	0.006	ppm
16:00 - 17:00	0.009	ppm
17:00 - 18:00	0.011	ppm
18:00 - 19:00	0.011	ppm
19:00 - 20:00	0.014	ppm
20:00 - 21:00	0.013	ppm
21:00 - 22:00	0.015	ppm
22:00 - 23:00	0.013	ppm
23:00 - 00:00	0.011	ppm
00:00 - 01:00	0.009	ppm
01:00 - 02:00	0.008	ppm
02:00 - 03:00	0.006	ppm
03:00 - 04:00	0.004	ppm
04:00 - 05:00	0.003	ppm
05:00 - 06:00	0.003	ppm
06:00 - 07:00	0.004	ppm
07:00 - 08:00	0.006	ppm
08:00 - 09:00	0.007	ppm
09:00 - 10:00	0.011	ppm
10:00 - 11:00	0.006	ppm
Maximum 1 hr.	0.015	ppm
Average 24 hr.	0.008	ppm
Standard (1 hr.) ¹¹	0.17	ppm

REMARK :

¹¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)¹² Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Kongsakul)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

03/10/2023

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Request No. LA66-R1006

Report No. R6610-0180 - R6610-0186

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : บ้านเขาชี (A1)
 PARAMETER* : Sulfur Dioxide
 DETERMINATION METHOD : UV-Fluorescence
 INSTRUMENT : API Model T100 S/N 6457

SAMPLE NO. : 29571-29577
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	18-19/09/2023	19-20/09/2023	20-21/09/2023	UNIT
13:00 - 14:00 ¹³	0.001	0.001	0.001	ppm
14:00 - 15:00	0.001	0.001	0.001	ppm
15:00 - 16:00	0.001	0.001	0.002	ppm
16:00 - 17:00	0.001	0.001	0.001	ppm
17:00 - 18:00	0.001	0.001	0.001	ppm
18:00 - 19:00	0.001	0.001	0.001	ppm
19:00 - 20:00	0.001	0.001	0.001	ppm
20:00 - 21:00	0.001	0.001	<0.001	ppm
21:00 - 22:00	0.001	0.001	<0.001	ppm
22:00 - 23:00	0.001	0.001	0.001	ppm
23:00 - 00:00	0.001	0.001	0.001	ppm
00:00 - 01:00	<0.001	0.001	0.001	ppm
01:00 - 02:00	<0.001	0.001	0.001	ppm
02:00 - 03:00	<0.001	0.001	0.001	ppm
03:00 - 04:00	0.001	0.001	0.001	ppm
04:00 - 05:00	0.001	0.001	0.001	ppm
05:00 - 06:00	0.001	0.001	0.001	ppm
06:00 - 07:00	0.001	0.001	0.001	ppm
07:00 - 08:00	0.001	0.001	0.001	ppm
08:00 - 09:00	0.001	0.001	0.001	ppm
09:00 - 10:00	0.001	0.001	0.001	ppm
10:00 - 11:00	0.001	0.001	0.001	ppm
11:00 - 12:00	0.001	0.001	0.001	ppm
12:00 - 13:00	0.001	0.001	0.001	ppm
Maximum 1 hr.	0.001	0.001	0.002	ppm
Average 24 hr.	0.001	0.001	0.001	ppm
Standard (1 hr.) ¹¹	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ¹²	0.12	0.12	0.12	ppm

REMARK : ¹¹ Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)
¹² Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)
¹³ Start Time
 * Parameter Outside The Scope of The Department of Industrial Works
 (Measurement By Mr. Tummarat)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MS. THANATPORN KLINSOPON)

03/10/2023

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Request No. LA66-R1006

Report No. R6610-0180 - R6610-0186

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ต. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : บ้านเขาชี (A1)
 PARAMETER* : Sulfur Dioxide
 DETERMINATION METHOD : UV-Fluorescence
 INSTRUMENT : API Model T100 S/N 6457

SAMPLE NO. : 29571-29577
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	21-22/09/2023	22-23/09/2023	23-24/09/2023	UNIT
13:00 - 14:00 ¹³	0.001	0.001	0.001	ppm
14:00 - 15:00	0.001	0.001	0.001	ppm
15:00 - 16:00	0.001	0.001	0.001	ppm
16:00 - 17:00	0.001	0.001	0.003	ppm
17:00 - 18:00	0.001	0.001	<0.001	ppm
18:00 - 19:00	0.001	0.001	<0.001	ppm
19:00 - 20:00	0.001	0.001	<0.001	ppm
20:00 - 21:00	<0.001	0.001	0.001	ppm
21:00 - 22:00	<0.001	0.001	0.001	ppm
22:00 - 23:00	<0.001	<0.001	0.001	ppm
23:00 - 00:00	<0.001	<0.001	0.001	ppm
00:00 - 01:00	0.001	<0.001	0.001	ppm
01:00 - 02:00	0.001	<0.001	0.001	ppm
02:00 - 03:00	0.001	<0.001	<0.001	ppm
03:00 - 04:00	0.001	0.001	0.001	ppm
04:00 - 05:00	0.001	0.001	0.001	ppm
05:00 - 06:00	0.001	0.001	0.001	ppm
06:00 - 07:00	0.001	0.001	0.001	ppm
07:00 - 08:00	0.001	0.001	0.001	ppm
08:00 - 09:00	0.001	0.001	0.001	ppm
09:00 - 10:00	0.001	0.001	0.001	ppm
10:00 - 11:00	0.001	0.001	0.001	ppm
11:00 - 12:00	0.001	0.001	0.001	ppm
12:00 - 13:00	0.001	0.001	0.001	ppm
Maximum 1 hr.	0.001	0.001	0.003	ppm
Average 24 hr.	0.001	0.001	0.001	ppm
Standard (1 hr.) ¹¹	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ¹²	0.12	0.12	0.12	ppm

REMARK : ¹¹ Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)¹² Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)¹³ Start Time* Parameter Outside The Scope of The Ministry of the Department of Industrial Works
(Measurement By Mr. Tummarut)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

03/10/2023

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Request No. LA66-R1006

Report No. R6610-0180 - R6610-0186

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ถ. สายหนองก้อ-แหลมฉิมบึง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : บ้านเขาชี (A1)
 PARAMETER* : Sulfur Dioxide
 DETERMINATION METHOD : UV-Fluorescence
 INSTRUMENT : API Model T100 S/N 6457


SAMPLE NO. : 29571-29577
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	24-25/09/2023	UNIT
13:00 - 14:00 ^{/3}	0.001	ppm
14:00 - 15:00	0.001	ppm
15:00 - 16:00	0.001	ppm
16:00 - 17:00	<0.001	ppm
17:00 - 18:00	<0.001	ppm
18:00 - 19:00	<0.001	ppm
19:00 - 20:00	0.001	ppm
20:00 - 21:00	0.001	ppm
21:00 - 22:00	0.001	ppm
22:00 - 23:00	0.001	ppm
23:00 - 00:00	0.001	ppm
00:00 - 01:00	0.001	ppm
01:00 - 02:00	0.001	ppm
02:00 - 03:00	0.001	ppm
03:00 - 04:00	0.001	ppm
04:00 - 05:00	0.001	ppm
05:00 - 06:00	0.001	ppm
06:00 - 07:00	0.001	ppm
07:00 - 08:00	0.001	ppm
08:00 - 09:00	0.001	ppm
09:00 - 10:00	0.001	ppm
10:00 - 11:00	0.001	ppm
11:00 - 12:00	0.001	ppm
12:00 - 13:00	0.001	ppm
Maximum 1 hr.	0.001	ppm
Average 24 hr.	0.001	ppm
Standard (1 hr.) ^{/1}	0.30	ppm
Standard (Average 24 hr.) ^{/2}	0.12	ppm

REMARK :

^{/1} Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)^{/2} Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)^{/3} Start Time* Parameter Outside The Scope of The Ministry of Natural Resources and Environmental Conservation Department of Industrial Works
(Measurement By Mr. Tummarun)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By: 
(MS. THANATPORN KLINSOPON)

03/10/2023

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Request No. LA66-R1006

Report No. R6610-0222 - R6610-0228

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : วัดเขาตะแบก (A2)
 PARAMETER* : Sulfur Dioxide
 DETERMINATION METHOD : UV-Fluorescence
 INSTRUMENT : API Model M100E S/N 603

SAMPLE NO. : 29613-29619
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	18-19/09/2023	19-20/09/2023	20-21/09/2023	UNIT
10:00 - 11:00 ³	0.028	0.017	0.031	ppm
11:00 - 12:00	0.028	0.014	0.030	ppm
12:00 - 13:00	0.028	0.024	0.029	ppm
13:00 - 14:00	0.044	0.025	0.030	ppm
14:00 - 15:00	0.022	0.026	0.029	ppm
15:00 - 16:00	0.019	0.026	0.028	ppm
16:00 - 17:00	0.024	0.027	0.029	ppm
17:00 - 18:00	0.025	0.031	0.029	ppm
18:00 - 19:00	0.025	0.028	0.028	ppm
19:00 - 20:00	0.018	0.023	0.034	ppm
20:00 - 21:00	0.015	0.023	0.038	ppm
21:00 - 22:00	0.023	0.024	0.029	ppm
22:00 - 23:00	0.023	0.025	0.030	ppm
23:00 - 00:00	0.023	0.029	0.030	ppm
00:00 - 01:00	0.024	0.029	0.030	ppm
01:00 - 02:00	0.024	0.029	0.030	ppm
02:00 - 03:00	0.024	0.030	0.031	ppm
03:00 - 04:00	0.024	0.030	0.030	ppm
04:00 - 05:00	0.025	0.030	0.031	ppm
05:00 - 06:00	0.024	0.031	0.031	ppm
06:00 - 07:00	0.019	0.030	0.031	ppm
07:00 - 08:00	0.018	0.031	0.031	ppm
08:00 - 09:00	0.018	0.031	0.031	ppm
09:00 - 10:00	0.019	0.031	0.031	ppm
Maximum 1 hr.	0.044	0.031	0.038	ppm
Average 24 hr.	0.024	0.027	0.030	ppm
Standard (1 hr.) ¹	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ²	0.12	0.12	0.12	ppm

REMARK : ¹ Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)² Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)³ Start Time* Parameter Outside The Scope of The Department of Industrial Works
(Measurement By Mr. Tummarut Ph...

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MS. THANATPORN KLINSOPON)

03/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA66-R1006

Report No. R6610-0222 - R6610-0228

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ต. สายหนองค้อ-แหลมปลั่ง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : วัดเขาตะแบก (A2)
 PARAMETER* : Sulfur Dioxide
 DETERMINATION METHOD : UV-Fluorescence
 INSTRUMENT : API Model MI00E S/N 603

SAMPLE NO. : 29613-29619
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	21-22/09/2023	22-23/09/2023	23-24/09/2023	UNIT
10:00 - 11:00 ¹³	0.030	0.025	0.028	ppm
11:00 - 12:00	0.030	0.024	0.029	ppm
12:00 - 13:00	0.008	0.023	0.028	ppm
13:00 - 14:00	0.028	0.025	0.028	ppm
14:00 - 15:00	0.029	0.027	0.038	ppm
15:00 - 16:00	0.029	0.027	0.051	ppm
16:00 - 17:00	0.029	0.029	0.039	ppm
17:00 - 18:00	0.032	0.030	0.041	ppm
18:00 - 19:00	0.031	0.026	0.036	ppm
19:00 - 20:00	0.023	0.025	0.023	ppm
20:00 - 21:00	0.022	0.013	0.026	ppm
21:00 - 22:00	0.023	0.025	0.028	ppm
22:00 - 23:00	0.024	0.029	0.028	ppm
23:00 - 00:00	0.025	0.029	0.029	ppm
00:00 - 01:00	0.025	0.028	0.029	ppm
01:00 - 02:00	0.025	0.028	0.029	ppm
02:00 - 03:00	0.024	0.028	0.023	ppm
03:00 - 04:00	0.024	0.028	0.025	ppm
04:00 - 05:00	0.024	0.028	0.029	ppm
05:00 - 06:00	0.023	0.028	0.030	ppm
06:00 - 07:00	0.023	0.029	0.031	ppm
07:00 - 08:00	0.024	0.029	0.031	ppm
08:00 - 09:00	0.024	0.029	0.032	ppm
09:00 - 10:00	0.024	0.028	0.032	ppm
Maximum 1 hr.	0.032	0.030	0.051	ppm
Average 24 hr.	0.025	0.027	0.031	ppm
Standard (1 hr.) ¹¹	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ¹²	0.12	0.12	0.12	ppm

REMARK :

¹¹ Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)¹² Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)¹³ Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Pongthong)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(MS. THANATPORN KLINSOPON)

03/10/2023

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

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Request No. LA66-R1006

Report No. R6610-0222 - R6610-0228

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : วัดเขาตะแบก (A2) SAMPLE NO. : 29613-29619
 PARAMETER* : Sulfur Dioxide SAMPLING DATE : 18-25/09/2023
 DETERMINATION METHOD : UV-Fluorescence RECEIVED DATE : 25/09/2023
 INSTRUMENT : API Model M100E S/N 603 REPORTED DATE : 03/10/2023

TIME / DATE	24-25/09/2023	UNIT
10:00 - 11:00 ^{1/3}	0.031	ppm
11:00 - 12:00	0.031	ppm
12:00 - 13:00	0.031	ppm
13:00 - 14:00	0.057	ppm
14:00 - 15:00	0.027	ppm
15:00 - 16:00	0.021	ppm
16:00 - 17:00	0.026	ppm
17:00 - 18:00	0.028	ppm
18:00 - 19:00	0.030	ppm
19:00 - 20:00	0.033	ppm
20:00 - 21:00	0.033	ppm
21:00 - 22:00	0.034	ppm
22:00 - 23:00	0.034	ppm
23:00 - 00:00	0.032	ppm
00:00 - 01:00	0.032	ppm
01:00 - 02:00	0.034	ppm
02:00 - 03:00	0.033	ppm
03:00 - 04:00	0.033	ppm
04:00 - 05:00	0.032	ppm
05:00 - 06:00	0.034	ppm
06:00 - 07:00	0.033	ppm
07:00 - 08:00	0.034	ppm
08:00 - 09:00	0.035	ppm
09:00 - 10:00	0.033	ppm
Maximum 1 hr.	0.057	ppm
Average 24 hr.	0.032	ppm
Standard (1 hr.) ^{1/}	0.30	ppm
Standard (Average 24 hr.) ^{2/}	0.12	ppm

REMARK : ^{1/} Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)
^{2/} Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)
^{3/} Start Time
 * Parameter Outside The Scope of The Department of Industrial Works
 (Measurement By Mr. Tummaru Srisanong)



Approved By.....

(MS. THANATPORN KLINSOPON)

03/10/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
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Request No. LA66-R1006

Report No. R6610-0166 - R6610-0172

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : สำนักงานโครงการ (A3)
 PARAMETER* : Sulfur Dioxide
 DETERMINATION METHOD : UV-Fluorescence
 INSTRUMENT : API Model M100E S/N 3137

SAMPLE NO. : 29557-29563
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	18-19/09/2023	19-20/09/2023	20-21/09/2023	UNIT
12:00 - 13:00 ³	0.003	0.003	0.002	ppm
13:00 - 14:00	0.005	0.003	0.002	ppm
14:00 - 15:00	0.003	0.002	0.002	ppm
15:00 - 16:00	0.003	0.003	0.002	ppm
16:00 - 17:00	0.003	0.002	0.002	ppm
17:00 - 18:00	0.003	0.003	0.002	ppm
18:00 - 19:00	0.003	0.001	0.002	ppm
19:00 - 20:00	0.003	0.002	0.002	ppm
20:00 - 21:00	0.003	0.003	0.002	ppm
21:00 - 22:00	0.003	0.002	0.002	ppm
22:00 - 23:00	0.003	0.002	0.002	ppm
23:00 - 00:00	0.003	0.003	0.002	ppm
00:00 - 01:00	0.002	0.002	0.002	ppm
01:00 - 02:00	0.002	0.003	0.003	ppm
02:00 - 03:00	0.002	0.002	0.002	ppm
03:00 - 04:00	0.002	0.002	0.002	ppm
04:00 - 05:00	0.002	0.002	0.003	ppm
05:00 - 06:00	0.003	0.002	0.002	ppm
06:00 - 07:00	0.002	0.002	0.002	ppm
07:00 - 08:00	0.002	0.002	0.003	ppm
08:00 - 09:00	0.002	0.002	0.002	ppm
09:00 - 10:00	0.003	0.002	0.003	ppm
10:00 - 11:00	0.002	0.002	0.003	ppm
11:00 - 12:00	0.002	0.002	0.003	ppm
Maximum 1 hr.	0.005	0.003	0.003	ppm
Average 24 hr.	0.003	0.002	0.002	ppm
Standard (1 hr.) ¹	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ²	0.12	0.12	0.12	ppm

REMARK :

¹ Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)² Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)³ Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummaru P.)

Approved By

(MS. THANATPORN KLINSOPON)

03/10/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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Request No. LA66-R1006

Report No. R6610-0166 - R6610-0172

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ถ. สายหนองก้อ-แหลมฉบัง ค. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : สำนักงานโครงการ (A3)
 PARAMETER* : Sulfur Dioxide
 DETERMINATION METHOD : UV-Fluorescence
 INSTRUMENT : API Model M100E S/N 3137

SAMPLE NO. : 29557-29563
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	21-22/09/2023	22-23/09/2023	23-24/09/2023	UNIT
12:00 - 13:00 ^{/3}	0.003	0.002	0.002	ppm
13:00 - 14:00	0.003	0.002	0.002	ppm
14:00 - 15:00	0.002	0.002	0.002	ppm
15:00 - 16:00	0.002	0.002	0.002	ppm
16:00 - 17:00	0.002	0.002	0.002	ppm
17:00 - 18:00	0.002	0.002	0.002	ppm
18:00 - 19:00	<0.001	0.002	0.002	ppm
19:00 - 20:00	0.002	0.002	0.002	ppm
20:00 - 21:00	0.002	0.002	0.002	ppm
21:00 - 22:00	0.002	0.002	0.002	ppm
22:00 - 23:00	0.002	0.002	0.002	ppm
23:00 - 00:00	0.002	0.002	0.002	ppm
00:00 - 01:00	0.002	0.002	0.002	ppm
01:00 - 02:00	0.002	0.002	0.002	ppm
02:00 - 03:00	0.002	0.002	0.002	ppm
03:00 - 04:00	0.002	0.002	0.002	ppm
04:00 - 05:00	0.002	0.002	0.002	ppm
05:00 - 06:00	0.002	0.002	0.002	ppm
06:00 - 07:00	0.002	0.002	0.002	ppm
07:00 - 08:00	0.002	0.002	0.002	ppm
08:00 - 09:00	0.002	0.002	0.002	ppm
09:00 - 10:00	0.002	0.002	0.002	ppm
10:00 - 11:00	0.002	0.002	0.002	ppm
11:00 - 12:00	0.002	0.002	0.002	ppm
Maximum 1 hr.	0.003	0.002	0.002	ppm
Average 24 hr.	0.002	0.002	0.002	ppm
Standard (1 hr.) ^{/1}	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ^{/2}	0.12	0.12	0.12	ppm

REMARK : ^{/1} Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)^{/2} Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)^{/3} Start Time* Parameter Outside The Scope of The Regulation of The Department of Industrial Works
(Measurement By Mr. Tummarut Phrasakulchai)Approved By.....
(MS. THANATPORN KLINSOPON)

03/10/2023

REPORTED TEST RESULT TO SUBMITTED SAMPLES ONLY
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Request No. LA66-R1006

Report No. R6610-0166 - R6610-0172

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ต. สายหนองค้อ-แหลมฉิมบึง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : สำนักงานโครงการ (A3)
 PARAMETER* : Sulfur Dioxide
 DETERMINATION METHOD : UV-Fluorescence
 INSTRUMENT : API Model M100E S/N 3137

SAMPLE NO. : 29557-29563
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	24-25/09/2023	UNIT
12:00 - 13:00 ^{1/3}	0.002	ppm
13:00 - 14:00	0.002	ppm
14:00 - 15:00	0.002	ppm
15:00 - 16:00	0.002	ppm
16:00 - 17:00	0.002	ppm
17:00 - 18:00	0.002	ppm
18:00 - 19:00	0.002	ppm
19:00 - 20:00	0.002	ppm
20:00 - 21:00	0.002	ppm
21:00 - 22:00	0.002	ppm
22:00 - 23:00	0.002	ppm
23:00 - 00:00	0.002	ppm
00:00 - 01:00	0.002	ppm
01:00 - 02:00	0.002	ppm
02:00 - 03:00	0.002	ppm
03:00 - 04:00	0.002	ppm
04:00 - 05:00	0.002	ppm
05:00 - 06:00	0.002	ppm
06:00 - 07:00	0.002	ppm
07:00 - 08:00	0.002	ppm
08:00 - 09:00	0.002	ppm
09:00 - 10:00	0.002	ppm
10:00 - 11:00	0.002	ppm
11:00 - 12:00	0.002	ppm
Maximum 1 hr.	0.002	ppm
Average 24 hr.	0.002	ppm
Standard (1 hr.) ^{1/1}	0.30	ppm
Standard (Average 24 hr.) ^{1/2}	0.12	ppm

REMARK : ^{1/1} Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)
^{1/2} Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)
^{1/3} Start Time

* Parameter Outside The Scope of The Testing of The Department of Industrial Works
 (Measurement By Mr. Tummaru P.)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MS. THANATPORN KLINSOPON)

03/10/2023

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 WITHOUT THE WRITTEN APPROVAL LABORATORY

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Request No. LA66-R1006

Report No. R6610-0208 - R6610-0214

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
SAMPLE POINT : วัดยางเอน (A4)
PARAMETER* : Sulfur Dioxide
DETERMINATION METHOD : UV-Fluorescence
INSTRUMENT : API Model T100 S/N 6459

SAMPLE NO. : 29599-29605
SAMPLING DATE : 18-25/09/2023
RECEIVED DATE : 25/09/2023
REPORTED DATE : 03/10/2023

TIME / DATE	18-19/09/2023	19-20/09/2023	20-21/09/2023	UNIT
11:00 - 12:00 ³	0.001	<0.001	<0.001	ppm
12:00 - 13:00	0.001	0.001	<0.001	ppm
13:00 - 14:00	0.001	<0.001	0.001	ppm
14:00 - 15:00	0.001	<0.001	0.001	ppm
15:00 - 16:00	0.001	<0.001	0.001	ppm
16:00 - 17:00	0.001	<0.001	0.001	ppm
17:00 - 18:00	0.001	<0.001	<0.001	ppm
18:00 - 19:00	0.001	<0.001	<0.001	ppm
19:00 - 20:00	0.001	<0.001	<0.001	ppm
20:00 - 21:00	0.001	<0.001	<0.001	ppm
21:00 - 22:00	0.001	<0.001	<0.001	ppm
22:00 - 23:00	0.001	0.001	0.002	ppm
23:00 - 00:00	0.001	0.001	0.002	ppm
00:00 - 01:00	0.001	0.001	0.001	ppm
01:00 - 02:00	0.001	0.001	0.001	ppm
02:00 - 03:00	<0.001	0.001	0.001	ppm
03:00 - 04:00	<0.001	0.001	0.001	ppm
04:00 - 05:00	0.001	<0.001	0.001	ppm
05:00 - 06:00	0.001	<0.001	0.001	ppm
06:00 - 07:00	0.001	0.001	0.001	ppm
07:00 - 08:00	0.001	0.001	0.001	ppm
08:00 - 09:00	0.001	0.001	0.001	ppm
09:00 - 10:00	<0.001	0.001	0.001	ppm
10:00 - 11:00	<0.001	0.001	0.001	ppm
Maximum 1 hr.	0.001	0.001	0.002	ppm
Average 24 hr.	0.001	0.001	0.001	ppm
Standard (1 hr.) ¹	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ²	0.12	0.12	0.12	ppm

REMARK : ¹ Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)² Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)³ Start Time* Parameter Outside The Scope of The Department of Industrial Works
(Measurement By Mr. Tummarut)

Approved By.....

(MS. THANATPORN KLINSOPON)

03/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA66-R1006

Report No. R6610-0208 - R6610-0214

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : วัดยางเอน (A4)
 PARAMETER* : Sulfur Dioxide
 DETERMINATION METHOD : UV-Fluorescence
 INSTRUMENT : API Model T100 S/N 6459

SAMPLE NO. : 29599-29605
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	21-22/09/2023	22-23/09/2023	23-24/09/2023	UNIT
11:00 - 12:00 ^{/3}	0.001	0.001	0.001	ppm
12:00 - 13:00	0.001	0.001	0.001	ppm
13:00 - 14:00	0.001	0.001	0.001	ppm
14:00 - 15:00	0.001	0.001	0.001	ppm
15:00 - 16:00	0.001	0.002	0.001	ppm
16:00 - 17:00	0.001	0.002	0.001	ppm
17:00 - 18:00	0.001	0.002	0.001	ppm
18:00 - 19:00	<0.001	0.002	0.001	ppm
19:00 - 20:00	<0.001	0.002	0.001	ppm
20:00 - 21:00	0.001	0.002	0.001	ppm
21:00 - 22:00	0.001	0.001	0.001	ppm
22:00 - 23:00	0.001	0.001	0.001	ppm
23:00 - 00:00	0.002	0.001	0.001	ppm
00:00 - 01:00	0.001	0.001	0.001	ppm
01:00 - 02:00	0.001	0.001	0.001	ppm
02:00 - 03:00	0.001	0.001	0.001	ppm
03:00 - 04:00	0.001	0.001	0.002	ppm
04:00 - 05:00	0.001	0.001	0.001	ppm
05:00 - 06:00	0.001	0.001	0.001	ppm
06:00 - 07:00	0.001	0.001	0.001	ppm
07:00 - 08:00	0.001	0.001	0.001	ppm
08:00 - 09:00	0.001	0.001	0.001	ppm
09:00 - 10:00	0.001	0.001	0.001	ppm
10:00 - 11:00	0.001	0.001	0.001	ppm
Maximum 1 hr.	0.002	0.002	0.002	ppm
Average 24 hr.	0.001	0.001	0.001	ppm
Standard (1 hr.) ^{/1}	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ^{/2}	0.12	0.12	0.12	ppm

REMARK : ^{/1} Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)^{/2} Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)^{/3} Start Time* Parameter Outside The Scope of The Regulation of The Department of Industrial Works
(Measurement By Mr. Tummarat ...)

Approved By

(MS. THANATPORN KLINSOPON)

03/10/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
 REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA66-R1006

Report No. R6610-0208 - R6610-0214

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมดบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
SAMPLE POINT : วัดยางเอน (A4)
PARAMETER* : Sulfur Dioxide
DETERMINATION METHOD : UV-Fluorescence
INSTRUMENT : API Model T100 S/N 6459

SAMPLE NO. : 29599-29605
SAMPLING DATE : 18-25/09/2023
RECEIVED DATE : 25/09/2023
REPORTED DATE : 03/10/2023

TIME / DATE	24-25/09/2023	UNIT
11:00 - 12:00 ³	0.001	ppm
12:00 - 13:00	0.001	ppm
13:00 - 14:00	0.001	ppm
14:00 - 15:00	0.001	ppm
15:00 - 16:00	0.001	ppm
16:00 - 17:00	0.001	ppm
17:00 - 18:00	0.001	ppm
18:00 - 19:00	0.001	ppm
19:00 - 20:00	0.001	ppm
20:00 - 21:00	0.001	ppm
21:00 - 22:00	0.001	ppm
22:00 - 23:00	0.001	ppm
23:00 - 00:00	0.001	ppm
00:00 - 01:00	0.001	ppm
01:00 - 02:00	<0.001	ppm
02:00 - 03:00	<0.001	ppm
03:00 - 04:00	<0.001	ppm
04:00 - 05:00	<0.001	ppm
05:00 - 06:00	<0.001	ppm
06:00 - 07:00	<0.001	ppm
07:00 - 08:00	<0.001	ppm
08:00 - 09:00	<0.001	ppm
09:00 - 10:00	<0.001	ppm
10:00 - 11:00	<0.001	ppm
Maximum 1 hr.	0.001	ppm
Average 24 hr.	0.001	ppm
Standard (1 hr.) ¹	0.30	ppm
Standard (Average 24 hr.) ²	0.12	ppm

REMARK : ¹ Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)² Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)³ Start Time* Parameter Outside The Scope of The Department of Industrial Works
(Measurement By Mr. Tummarat Kongsakul)

Approved By.....

(MS. THANATPORN KLINSOPON)

03/10/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Request No. LA66-R1006

Report No. R6610-0194 - R6610-0200

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
SAMPLE POINT : บ้านไร่โคกสนมอ (A5)
PARAMETER* : Sulfur Dioxide
DETERMINATION METHOD : UV-Fluorescence
INSTRUMENT : Horiba Model APSA-370 S/N 3XLWFYVJ

SAMPLE NO. : 29585-29591
SAMPLING DATE : 18-25/09/2023
RECEIVED DATE : 25/09/2023
REPORTED DATE : 03/10/2023

TIME / DATE	18-19/09/2023	19-20/09/2023	20-21/09/2023	UNIT
11:00 - 12:00 ^{1/3}	0.003	0.003	0.003	ppm
12:00 - 13:00	0.001	0.003	0.003	ppm
13:00 - 14:00	0.003	0.003	0.003	ppm
14:00 - 15:00	0.003	0.003	0.003	ppm
15:00 - 16:00	0.003	0.003	0.003	ppm
16:00 - 17:00	0.003	0.003	0.003	ppm
17:00 - 18:00	0.003	0.003	0.003	ppm
18:00 - 19:00	0.003	0.003	0.003	ppm
19:00 - 20:00	0.003	0.003	0.003	ppm
20:00 - 21:00	0.003	0.003	0.003	ppm
21:00 - 22:00	0.003	0.003	0.003	ppm
22:00 - 23:00	0.003	0.003	0.003	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	0.003	0.003	ppm
04:00 - 05:00	0.003	0.003	0.003	ppm
05:00 - 06:00	0.003	0.003	0.003	ppm
06:00 - 07:00	0.003	0.003	0.003	ppm
07:00 - 08:00	0.003	0.003	0.003	ppm
08:00 - 09:00	0.003	0.003	0.003	ppm
09:00 - 10:00	0.003	0.003	0.003	ppm
10:00 - 11:00	0.003	0.003	0.003	ppm
Maximum 1 hr.	0.003	0.003	0.003	ppm
Average 24 hr.	0.002	0.003	0.003	ppm
Standard (1 hr.) ^{1/}	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ^{2/}	0.12	0.12	0.12	ppm

REMARK :

^{1/} Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)^{2/} Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)^{3/} Start Time* Parameter Outside The Scope of The Standard of Department of Industrial Works
(Measurement By Mr. Tummarut Phongsamut)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

03/10/2023

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

COPY

Request No. LA66-R1006

Report No. R6610-0194 - R6610-0200

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : บ้านไร่โคกสนมอ (A5)
 PARAMETER* : Sulfur Dioxide
 DETERMINATION METHOD : UV-Fluorescence
 INSTRUMENT : Horiba Model APSA-370 S/N 3XLWFYVJ

SAMPLE NO. : 29585-29591
 SAMPLING DATE : 18-25/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME / DATE	21-22/09/2023	22-23/09/2023	23-24/09/2023	UNIT
11:00 - 12:00 ¹³	0.003	0.003	0.003	ppm
12:00 - 13:00	0.003	0.003	0.003	ppm
13:00 - 14:00	0.003	0.003	0.003	ppm
14:00 - 15:00	0.003	0.003	0.003	ppm
15:00 - 16:00	0.003	0.003	0.003	ppm
16:00 - 17:00	0.003	0.003	0.003	ppm
17:00 - 18:00	0.003	0.003	0.003	ppm
18:00 - 19:00	0.001	0.003	0.003	ppm
19:00 - 20:00	0.001	0.003	0.003	ppm
20:00 - 21:00	0.003	0.003	0.003	ppm
21:00 - 22:00	0.003	0.003	0.003	ppm
22:00 - 23:00	0.003	0.003	0.003	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	0.003	0.003	ppm
04:00 - 05:00	0.003	0.003	0.003	ppm
05:00 - 06:00	0.003	0.003	0.003	ppm
06:00 - 07:00	0.003	0.003	0.003	ppm
07:00 - 08:00	0.003	0.003	0.003	ppm
08:00 - 09:00	0.003	0.003	0.003	ppm
09:00 - 10:00	0.003	0.003	0.003	ppm
10:00 - 11:00	0.003	0.003	0.003	ppm
Maximum 1 hr.	0.003	0.003	0.003	ppm
Average 24 hr.	0.003	0.003	0.003	ppm
Standard (1 hr.) ¹¹	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) ¹²	0.12	0.12	0.12	ppm

REMARK : ¹¹ Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)¹² Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)¹³ Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarat Srisaengman)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By: 

(MS. THANATPORN KLINSOPON)

03/10/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA66-R1006

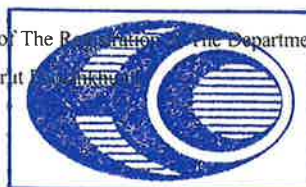
Report No. R6610-0194 - R6610-0200

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
SAMPLE POINT : บ้านไร่โคกสนมอ (A5)
PARAMETER* : Sulfur Dioxide
DETERMINATION METHOD : UV-Fluorescence
INSTRUMENT : Horiba Model APSA-370 S/N 3XLWFYVJ

SAMPLE NO. : 29585-29591
SAMPLING DATE : 18-25/09/2023
RECEIVED DATE : 25/09/2023
REPORTED DATE : 03/10/2023

TIME / DATE	24-25/09/2023	UNIT
11:00 - 12:00 ^{/3}	0.003	ppm
12:00 - 13:00	0.003	ppm
13:00 - 14:00	0.003	ppm
14:00 - 15:00	0.003	ppm
15:00 - 16:00	0.003	ppm
16:00 - 17:00	0.003	ppm
17:00 - 18:00	0.003	ppm
18:00 - 19:00	0.003	ppm
19:00 - 20:00	0.003	ppm
20:00 - 21:00	0.003	ppm
21:00 - 22:00	0.003	ppm
22:00 - 23:00	0.003	ppm
23:00 - 00:00	0.003	ppm
00:00 - 01:00	0.003	ppm
01:00 - 02:00	0.003	ppm
02:00 - 03:00	0.003	ppm
03:00 - 04:00	0.003	ppm
04:00 - 05:00	0.003	ppm
05:00 - 06:00	0.003	ppm
06:00 - 07:00	0.003	ppm
07:00 - 08:00	0.003	ppm
08:00 - 09:00	0.003	ppm
09:00 - 10:00	0.003	ppm
10:00 - 11:00	0.003	ppm
Maximum 1 hr.	0.003	ppm
Average 24 hr.	0.003	ppm
Standard (1 hr.) ^{/1}	0.30	ppm
Standard (Average 24 hr.) ^{/2}	0.12	ppm

REMARK : ^{/1} Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E.2544 (2001)^{/2} Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)^{/3} Start Time* Parameter Outside The Scope of The Regulation of The Department of Industrial Works
(Measurement By Mr. Tummarat B.)

Approved By.....

(MS. THANATPORN KLINSOPON)

03/10/2023

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

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แผนผังทิศทางและความเร็วลม

Request No. LA66-R1006

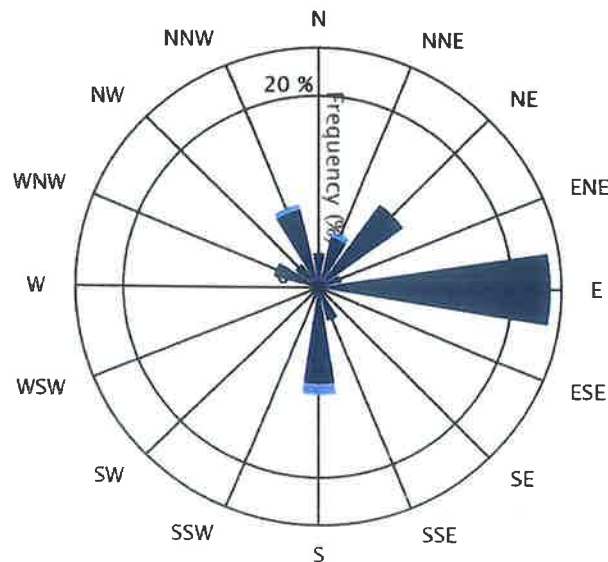
บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน) (โครงการ 3)

Sample No. 29648

จุดตรวจวัด : บ้านเขาชี (A1)

วันที่ตรวจวัด : 18-25 กันยายน 2566

Calm 19.6 %


 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	3.6	0.0	0.0	0.0	0.0	0.0	3.6
NNE	5.4	0.6	0.0	0.0	0.0	0.0	6.0
NE	10.7	0.0	0.0	0.0	0.0	0.0	10.7
ENE	2.4	0.0	0.0	0.0	0.0	0.0	2.4
E	23.8	0.0	0.0	0.0	0.0	0.0	23.8
ESE	0.6	0.0	0.0	0.0	0.0	0.0	0.6
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	3.6	0.0	0.0	0.0	0.0	0.0	3.6
S	10.1	1.2	0.0	0.0	0.0	0.0	11.3
SSW	1.2	0.0	0.0	0.0	0.0	0.0	1.2
SW	0.6	0.0	0.0	0.0	0.0	0.0	0.6
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	4.8	0.0	0.0	0.0	0.0	0.0	4.8
NW	3.0	0.0	0.0	0.0	0.0	0.0	3.0
NNW	8.3	0.6	0.0	0.0	0.0	0.0	8.9
Calm	19.6						

COPY

แผนผังทิศทางและความเร็วลม

Request No. LA66-R1006

บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน) (โครงการ 3)

Sample No. 29648

จุดตรวจวัด : บ้านเขาชี (A1)

วันที่ตรวจวัด : 18-25 กันยายน 2566

เวลา	18-19 กันยายน 2566		19-20 กันยายน 2566		20-21 กันยายน 2566		21-22 กันยายน 2566		22-23 กันยายน 2566		23-24 กันยายน 2566		24-25 กันยายน 2566	
	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม
13:00-14:00	0.0	-	0.9	NW	1.8	N	0.9	NNW	0.4	NW	0.9	S	1.8	SSW
14:00-15:00	0.0	-	1.3	NNW	2.2	NNW	1.3	WNW	1.3	NNW	1.3	NNE	0.9	S
15:00-16:00	0.0	-	1.3	N	1.8	NNW	0.9	WNW	0.9	WNW	0.9	NE	0.9	S
16:00-17:00	0.0	-	1.3	NNW	1.8	N	1.3	NNW	0.9	WNW	0.9	NE	0.4	E
17:00-18:00	0.4	S	1.8	NE	2.7	S	2.7	S	0.4	WNW	0.4	E	0.4	E
18:00-19:00	0.0	-	0.9	NNE	0.4	S	2.7	NNE	0.4	S	0.9	E	0.9	E
19:00-20:00	0.4	S	0.0	-	0.9	NE	0.9	S	0.4	S	0.4	S	0.4	ENE
20:00-21:00	0.0	-	0.0	-	0.4	E	0.4	SSE	0.9	E	0.9	E	0.4	E
21:00-22:00	0.4	E	0.0	-	0.4	E	0.9	NNE	1.3	NE	0.4	E	0.9	E
22:00-23:00	0.0	-	0.4	ESE	0.4	ENE	0.0	-	0.9	NE	0.9	SSE	1.3	SSE
23:00-00:00	0.0	-	0.4	S	0.9	E	0.0	-	0.4	NE	0.9	SSE	0.9	S
00:00-01:00	0.0	-	0.4	E	0.4	SSW	0.0	-	0.0	-	0.4	SSE	0.4	S
01:00-02:00	0.0	-	0.4	E	0.0	-	0.0	-	0.4	E	0.9	E	0.4	NE
02:00-03:00	0.0	-	0.9	E	0.4	E	0.0	-	0.4	E	0.4	E	0.4	E
03:00-04:00	0.4	E	0.0	-	0.4	NW	0.0	-	0.4	E	0.9	E	0.4	E
04:00-05:00	0.0	-	0.0	-	0.4	NNE	0.4	E	0.4	E	0.9	E	0.9	E
05:00-06:00	0.4	ENE	0.0	-	0.4	NNE	0.4	NE	0.4	ENE	0.4	E	0.4	E
06:00-07:00	0.0	-	0.0	-	0.4	NE	0.4	NE	0.9	E	0.4	E	0.4	E
07:00-08:00	0.0	-	0.4	E	0.4	NE	0.4	NE	0.4	NE	0.4	E	0.4	E
08:00-09:00	0.0	-	0.0	-	0.4	NNE	1.3	NE	0.9	NE	0.4	E	0.4	NE
09:00-10:00	0.4	NNE	0.9	NNW	0.9	NNE	0.9	WNW	0.0	-	0.4	SSE	0.0	-
10:00-11:00	0.9	N	0.9	NNW	1.3	NNW	0.4	WNW	0.4	S	0.4	S	0.4	NNW
11:00-12:00	0.9	NNW	1.8	NNW	1.3	NNW	0.9	NE	0.4	S	0.4	S	1.3	NNE
12:00-13:00	0.9	NNW	1.3	N	1.3	N	0.9	NW	0.4	NW	0.9	WNW	0.9	SW

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แผนผังทิศทางและความเร็วลม

Request No. LA66-R1006

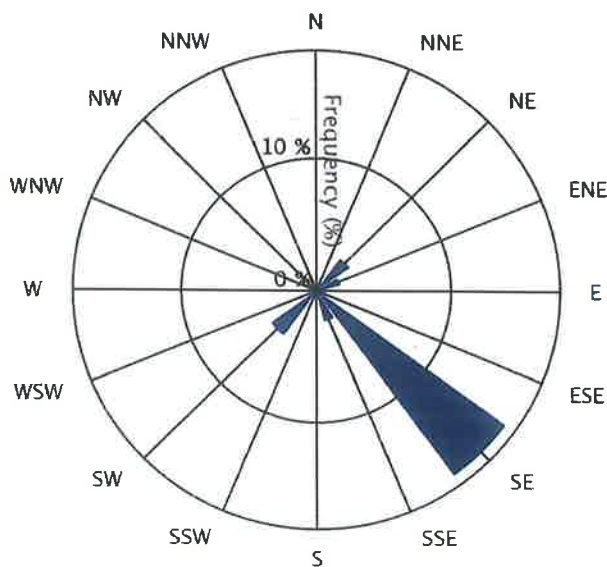
บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน) (โครงการ 3)

Sample No. 29652

จุดตรวจวัด : บ้านเขาตะแบก (A2)

วันที่ตรวจวัด : 18-25 กันยายน 2566

Calm 69.6 %


 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	3.0	0.0	0.0	0.0	0.0	0.0	3.0
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	0.6	0.0	0.0	0.0	0.0	0.0	0.6
SE	17.3	0.0	0.0	0.0	0.0	0.0	17.3
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	4.2	0.0	0.0	0.0	0.0	0.0	4.2
WSW	0.6	0.0	0.0	0.0	0.0	0.0	0.6
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	69.6						

COPY

แผนผังทิศทางและความเร็วลม

Request No. LA66-R1006

บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน) (โครงการ 3)

Sample No. 29652

จุดตรวจวัด : บ้านเขาตะแบก (A2)

วันที่ตรวจวัด : 18-25 กันยายน 2566

เวลา	18-19 กันยายน 2566		19-20 กันยายน 2566		20-21 กันยายน 2566		21-22 กันยายน 2566		22-23 กันยายน 2566		23-24 กันยายน 2566		24-25 กันยายน 2566	
	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม
10:00-11:00	0.0	-	0.0	-	0.4	SE	0.4	SE	0.0	-	0.0	-	0.0	-
11:00-12:00	0.0	-	0.4	SE	0.4	SSE	0.4	SE	0.4	SSE	0.0	-	0.0	-
12:00-13:00	0.0	-	0.4	SE	0.9	SE	0.4	SE	0.4	SSE	0.4	SE	0.4	NE
13:00-14:00	0.0	-	0.4	SE	0.9	SE	0.4	SE	0.4	SSE	0.0	-	0.4	NE
14:00-15:00	0.0	-	0.4	SE	0.9	SE	0.4	SE	0.4	SE	0.4	NE	0.4	ENE
15:00-16:00	0.4	NE	0.4	SE	0.9	SE	0.4	SE	0.4	SE	0.4	SE	0.0	-
16:00-17:00	0.0	-	0.9	SE	0.9	SE	0.4	NE	0.4	SE	0.0	-	0.0	-
17:00-18:00	0.0	-	0.9	SE	0.9	ENE	0.4	SE	0.4	SE	0.0	-	0.0	-
18:00-19:00	0.0	-	0.4	SE	0.4	ESE	0.9	ENE	0.0	-	0.0	-	0.0	-
19:00-20:00	0.0	-	0.0	-	0.4	SW	1.8	SW	0.0	-	0.0	-	0.0	-
20:00-21:00	0.0	-	0.0	-	0.0	-	0.9	SW	0.0	-	0.0	-	0.0	-
21:00-22:00	0.0	-	0.0	-	0.0	-	0.4	WSW	0.0	-	0.0	-	0.0	-
22:00-23:00	0.0	-	0.0	-	0.0	-	0.4	SE	0.4	S	0.0	-	0.4	SW
23:00-00:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.9	SW	0.4	SW
00:00-01:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.4	SW	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	-	0.0	-	0.0	-	0.0	-
03:00-04:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
04:00-05:00	0.0	-	0.0	-	0.4	SE	0.0	-	0.0	-	0.0	-	0.0	-
05:00-06:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
06:00-07:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
07:00-08:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
08:00-09:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
09:00-10:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-

COPY

แผนผังทิศทางและความเร็วลม

Request No. LA66-R1006

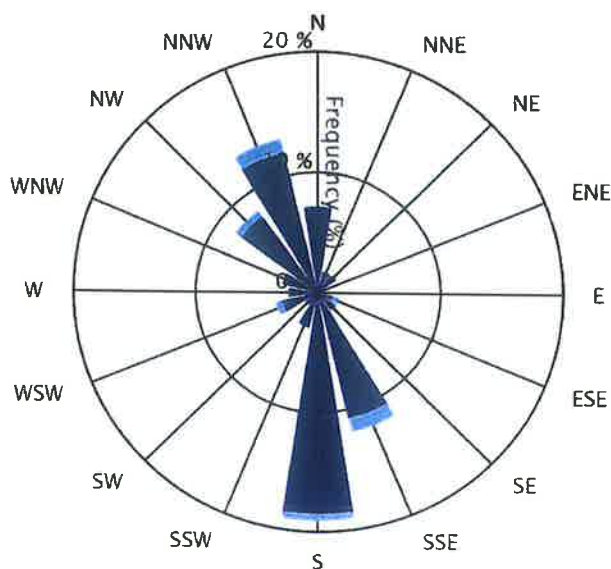
บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน) (โครงการ 3)

Sample No. 29649

จุดตรวจวัด : สำนักงานโครงการ (A3)

วันที่ตรวจวัด : 18-25 กันยายน 2566

Calm 19.0 %



■ 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	7.1	0.0	0.0	0.0	0.0	0.0	7.1
NNE	1.8	0.0	0.0	0.0	0.0	0.0	1.8
NE	1.8	0.0	0.0	0.0	0.0	0.0	1.8
ENE	0.6	0.0	0.0	0.0	0.0	0.0	0.6
E	0.6	0.0	0.0	0.0	0.0	0.0	0.6
ESE	1.2	0.6	0.0	0.0	0.0	0.0	1.8
SE	1.8	0.0	0.0	0.0	0.0	0.0	1.8
SSE	10.7	1.2	0.0	0.0	0.0	0.0	11.9
S	18.5	0.6	0.0	0.0	0.0	0.0	19.1
SSW	3.0	0.0	0.0	0.0	0.0	0.0	3.0
SW	1.2	0.0	0.0	0.0	0.0	0.0	1.2
WSW	3.0	0.6	0.0	0.0	0.0	0.0	3.6
W	2.4	0.0	0.0	0.0	0.0	0.0	2.4
WNW	3.0	0.0	0.0	0.0	0.0	0.0	3.0
NW	7.7	0.6	0.0	0.0	0.0	0.0	8.3
NNW	11.9	1.2	0.0	0.0	0.0	0.0	13.1
Calm	19.0						

COPY

แผนผังทิศทางและความเร็วลม

Request No. LA66-R1006

บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน) (โครงการ 3)

Sample No. 29649

จุดตรวจวัด : สำนักงานโครงการ (A3)

วันที่ตรวจวัด : 18-25 กันยายน 2566

เวลา	18-19 กันยายน 2566		19-20 กันยายน 2566		20-21 กันยายน 2566		21-22 กันยายน 2566		22-23 กันยายน 2566		23-24 กันยายน 2566		24-25 กันยายน 2566	
	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม
12:00-13:00	0.0	-	0.9	NNW	1.8	NNW	1.3	NW	0.9	NNE	0.4	ENE	0.9	NW
13:00-14:00	0.4	SSE	1.3	NE	1.8	NNW	1.8	W	0.9	NW	1.3	WSW	2.2	WSW
14:00-15:00	0.9	WSW	1.3	WNW	2.2	NNW	1.8	NNW	0.9	NW	1.3	WNW	0.9	WSW
15:00-16:00	0.9	SSE	1.8	NNW	2.2	NNW	1.3	W	1.3	NW	1.8	S	0.9	S
16:00-17:00	0.9	SE	1.8	NNW	2.7	NW	1.8	NNW	1.3	N	0.4	E	0.4	SSE
17:00-18:00	0.9	SSE	1.8	N	3.6	SSE	3.6	SSE	0.4	NW	0.4	WSW	0.4	S
18:00-19:00	0.9	SSE	0.9	N	1.3	ESE	3.1	ESE	0.9	WSW	0.0	-	0.9	S
19:00-20:00	0.4	SSE	0.4	N	0.4	ESE	2.2	S	0.9	S	0.9	S	0.9	S
20:00-21:00	0.4	SE	0.0	-	0.4	SE	1.8	S	0.4	SSE	0.4	S	0.4	S
21:00-22:00	0.4	SSE	0.4	S	0.4	SSE	1.3	S	1.3	NE	0.9	S	0.9	S
22:00-23:00	0.9	SSE	0.4	SSE	0.9	SSE	0.4	NNW	0.4	NW	1.3	S	1.3	S
23:00-00:00	0.9	SSE	0.0	-	0.0	-	0.4	NNW	0.0	-	0.9	SSW	1.3	S
00:00-01:00	0.9	SSE	0.4	SW	0.9	W	0.4	NNW	0.0	-	0.4	SSW	0.9	S
01:00-02:00	1.3	SSE	0.0	-	1.3	W	0.4	NNW	0.0	-	0.4	S	0.4	S
02:00-03:00	0.4	S	0.0	-	0.0	-	0.4	NNE	0.0	-	0.4	S	0.4	S
03:00-04:00	0.4	SSE	0.0	-	0.4	NNW	0.0	-	0.0	-	0.4	SSW	0.0	-
04:00-05:00	0.0	-	0.0	-	1.3	NNW	0.0	-	0.4	SSE	0.0	-	0.0	-
05:00-06:00	0.0	-	0.0	-	0.9	NW	0.0	-	0.0	-	0.0	-	0.4	S
06:00-07:00	0.4	WNW	0.0	-	0.4	NW	0.4	NNE	0.0	-	0.9	SSW	0.4	SW
07:00-08:00	0.0	-	0.0	-	0.4	NW	0.4	S	0.0	-	0.4	S	0.4	S
08:00-09:00	0.4	N	0.4	NW	0.4	NW	0.4	N	0.0	-	0.9	S	0.4	S
09:00-10:00	0.9	N	1.3	N	1.3	NNW	0.4	N	0.9	SSE	0.9	S	0.4	NNW
10:00-11:00	1.3	NNW	1.3	N	1.8	NNW	0.9	N	0.4	S	0.9	SSW	0.4	WNW
11:00-12:00	1.3	NNW	1.8	NNW	1.8	NNW	0.9	WNW	0.4	NE	0.9	N	0.9	NW

COPY

แผนผังทิศทางและความเร็วลม

Request No. LA66-R1006

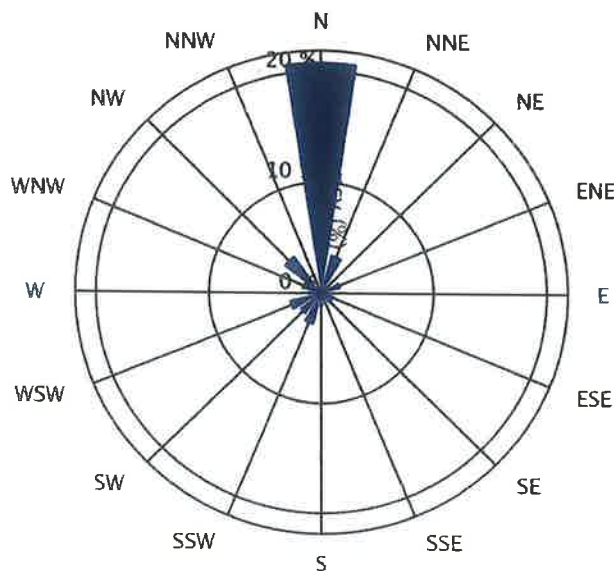
บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน) (โครงการ 3)

Sample No. 29650

จุดตรวจวัด : วัดยางเอน (A4)

วันที่ตรวจวัด : 18-25 กันยายน 2566

Calm 53.6 %



■ 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	20.8	0.0	0.0	0.0	0.0	0.0	20.8
NNE	3.6	0.0	0.0	0.0	0.0	0.0	3.6
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	1.8	0.0	0.0	0.0	0.0	0.0	1.8
E	0.6	0.0	0.0	0.0	0.0	0.0	0.6
ESE	1.2	0.0	0.0	0.0	0.0	0.0	1.2
SE	1.2	0.0	0.0	0.0	0.0	0.0	1.2
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	1.2	0.0	0.0	0.0	0.0	0.0	1.2
SSW	3.0	0.0	0.0	0.0	0.0	0.0	3.0
SW	2.4	0.0	0.0	0.0	0.0	0.0	2.4
WSW	3.0	0.0	0.0	0.0	0.0	0.0	3.0
W	1.2	0.0	0.0	0.0	0.0	0.0	1.2
WNW	1.8	0.0	0.0	0.0	0.0	0.0	1.8
NW	4.2	0.0	0.0	0.0	0.0	0.0	4.2
NNW	0.6	0.0	0.0	0.0	0.0	0.0	0.6
Calm	53.6						

COPY

แผนผังทิศทางและความเร็วลม

Request No. LA66-R1006

บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน) (โครงการ 3)

Sample No, 29650

จุดตรวจวัด : วัดยางเอน (A4)

วันที่ตรวจวัด : 18-25 กันยายน 2566

เวลา	18-19 กันยายน 2566		19-20 กันยายน 2566		20-21 กันยายน 2566		21-22 กันยายน 2566		22-23 กันยายน 2566		23-24 กันยายน 2566		24-25 กันยายน 2566	
	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม
11:00-12:00	0.0	-	0.9	N	0.9	NW	0.9	N	0.9	NNE	0.4	SSW	0.4	WSW
12:00-13:00	0.0	-	0.9	N	0.9	N	0.9	N	0.9	NW	0.9	SSW	0.4	N
13:00-14:00	0.0	-	0.9	N	1.3	N	0.9	NW	0.4	N	0.4	SSW	1.3	W
14:00-15:00	0.4	SW	0.9	N	1.3	N	0.9	WNW	0.4	WNW	0.9	WNW	0.9	WSW
15:00-16:00	0.0	-	1.3	N	1.3	N	0.9	N	1.3	NW	0.4	SSW	0.0	-
16:00-17:00	0.0	-	0.9	N	0.9	SE	0.9	NW	0.9	NW	0.4	ENE	0.0	-
17:00-18:00	0.0	-	0.9	NNE	0.4	S	0.9	SE	0.9	W	0.4	ENE	0.0	-
18:00-19:00	0.0	-	0.9	NNE	0.0	-	1.8	E	0.4	WSW	0.0	-	0.0	-
19:00-20:00	0.0	-	0.4	N	0.4	N	0.4	ESE	0.0	-	0.0	-	0.0	-
20:00-21:00	0.0	-	0.0	-	0.0	-	0.4	ESE	0.4	ENE	0.0	-	0.0	-
21:00-22:00	0.0	-	0.0	-	0.0	-	0.4	N	0.9	NNE	0.0	-	0.0	-
22:00-23:00	0.0	-	0.0	-	0.0	-	0.4	N	0.4	NNE	0.0	-	0.0	-
23:00-00:00	0.0	-	0.0	-	0.0	-	0.4	N	0.0	-	0.0	-	0.0	-
00:00-01:00	0.0	-	0.0	-	0.4	WSW	0.4	N	0.0	-	0.0	-	0.0	-
01:00-02:00	0.0	-	0.4	N	0.0	-	0.4	NW	0.0	-	0.0	-	0.0	-
02:00-03:00	0.0	-	0.0	-	0.9	N	0.4	N	0.0	-	0.0	-	0.0	-
03:00-04:00	0.0	-	0.0	-	0.4	N	0.0	-	0.0	-	0.0	-	0.0	-
04:00-05:00	0.0	-	0.0	-	1.3	N	0.0	-	0.0	-	0.0	-	0.0	-
05:00-06:00	0.0	-	0.0	-	0.9	N	0.0	-	0.0	-	0.0	-	0.0	-
06:00-07:00	0.0	-	0.0	-	0.4	N	0.0	-	0.0	-	0.0	-	0.0	-
07:00-08:00	0.0	-	0.0	-	0.4	N	0.0	-	0.0	-	0.0	-	0.0	-
08:00-09:00	0.0	-	0.0	-	0.0	-	0.4	WSW	0.0	-	0.0	-	0.0	-
09:00-10:00	0.4	N	0.9	N	0.4	N	0.4	N	0.4	S	0.0	-	0.4	SSW
10:00-11:00	0.9	N	0.9	N	0.9	NNW	0.4	NNE	0.4	SW	0.4	SW	0.9	SW

COPY

แผนผังทิศทางและความเร็วลม

Request No. LA66-R1006

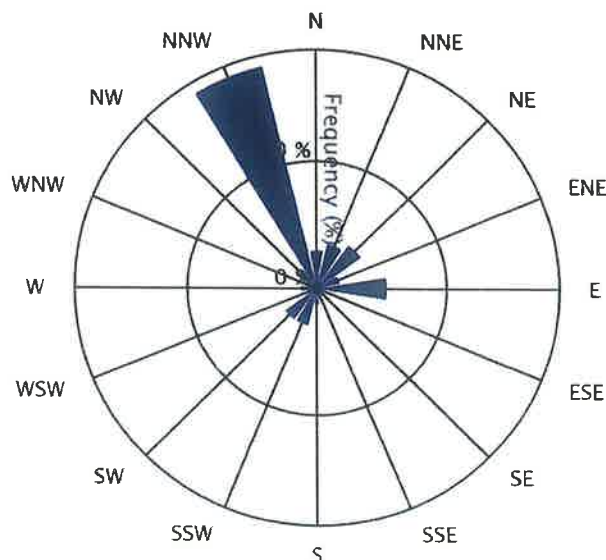
บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน) (โครงการ 3)

Sample No. 29651

จุดตรวจวัด : บ้านไร่โคนสมอ (A5)

วันที่ตรวจวัด : 18-25 กันยายน 2566

Calm 52.4 %



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	3.0	0.0	0.0	0.0	0.0	0.0	3.0
NNE	3.6	0.0	0.0	0.0	0.0	0.0	3.6
NE	4.2	0.0	0.0	0.0	0.0	0.0	4.2
ENE	1.8	0.0	0.0	0.0	0.0	0.0	1.8
E	5.4	0.0	0.0	0.0	0.0	0.0	5.4
ESE	0.6	0.0	0.0	0.0	0.0	0.0	0.6
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.6	0.0	0.0	0.0	0.0	0.0	0.6
S	1.2	0.0	0.0	0.0	0.0	0.0	1.2
SSW	3.0	0.0	0.0	0.0	0.0	0.0	3.0
SW	3.0	0.0	0.0	0.0	0.0	0.0	3.0
WSW	0.6	0.0	0.0	0.0	0.0	0.0	0.6
W	1.2	0.0	0.0	0.0	0.0	0.0	1.2
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	1.8	0.0	0.0	0.0	0.0	0.0	1.8
NNW	17.9	0.0	0.0	0.0	0.0	0.0	17.9
Calm	52.4						

COPY

แผนผังทิศทางและความเร็วลม

Request No. LA66-R1006

บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน) (โครงการ 3)

Sample No. 29651

จุดตรวจวัด : บ้านไร่โคกสมอ (A5)

วันที่ตรวจวัด : 18-25 กันยายน 2566

เวลา	18-19 กันยายน 2566		19-20 กันยายน 2566		20-21 กันยายน 2566		21-22 กันยายน 2566		22-23 กันยายน 2566		23-24 กันยายน 2566		24-25 กันยายน 2566	
	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม
11:00-12:00	1.3	W	0.4	ESE	0.4	NNE	0.9	NNW	0.4	E	0.4	NNW	0.4	NNW
12:00-13:00	0.4	WSW	0.9	NNW	0.9	E	0.9	NNW	0.4	NNW	0.4	E	0.4	NNE
13:00-14:00	0.4	S	0.9	NNW	1.3	NNW	0.9	NNW	0.4	NNW	0.4	NE	0.9	SW
14:00-15:00	0.4	SW	1.3	N	0.9	N	1.3	NNW	0.9	NNW	0.4	E	1.3	NNW
15:00-16:00	0.0	-	1.3	NNW	1.3	NNW	1.3	N	1.3	NW	1.3	W	0.0	-
16:00-17:00	0.9	SW	1.3	NNW	1.3	ENE	0.9	NNW	0.9	NNW	0.4	NE	0.0	-
17:00-18:00	0.9	SSW	1.3	NE	1.3	SSW	1.8	SSW	0.9	NNW	0.0	-	0.0	-
18:00-19:00	0.4	SSW	1.3	E	0.4	SW	1.3	S	0.4	NNW	0.0	-	0.0	-
19:00-20:00	0.0	-	1.3	E	0.0	-	0.9	SSE	0.4	NNW	0.0	-	0.0	-
20:00-21:00	0.4	SSW	0.9	E	0.4	NNE	0.0	-	0.0	-	0.0	-	0.0	-
21:00-22:00	0.0	-	0.4	NE	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
22:00-23:00	0.0	-	0.0	-	0.0	-	0.4	N	0.4	ENE	0.0	-	0.0	-
23:00-00:00	0.0	-	0.0	-	0.0	-	0.4	NNW	0.4	ENE	0.0	-	0.0	-
00:00-01:00	0.0	-	0.0	-	0.4	NE	0.4	NNW	0.0	-	0.0	-	0.0	-
01:00-02:00	0.0	-	0.0	-	0.4	NE	0.4	NNW	0.0	-	0.0	-	0.0	-
02:00-03:00	0.0	-	0.0	-	0.4	NNW	0.4	NNW	0.0	-	0.0	-	0.0	-
03:00-04:00	0.0	-	0.4	NNE	0.4	NNW	0.4	NNW	0.0	-	0.0	-	0.0	-
04:00-05:00	0.0	-	0.0	-	0.9	NNE	0.4	NNW	0.0	-	0.0	-	0.0	-
05:00-06:00	0.0	-	0.0	-	0.4	NE	0.0	-	0.0	-	0.0	-	0.0	-
06:00-07:00	0.0	-	0.0	-	0.0	-	0.4	E	0.0	-	0.0	-	0.0	-
07:00-08:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
08:00-09:00	0.0	-	0.0	-	0.0	-	0.9	E	0.0	-	0.0	-	0.0	-
09:00-10:00	0.0	-	0.0	-	0.0	-	0.4	NNW	0.0	-	0.0	-	0.0	-
10:00-11:00	0.0	-	0.0	-	0.4	NNE	0.4	N	0.4	SW	0.4	NW	0.4	NW

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Request No. LA66-R1006

Report No. R6610-0236

TEST REPORT

CUSTOMER	บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)	SAMPLE NO.	29627
ADDRESS	789 ม. 1 ต. สาขหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230	MEASURING DATE	17-18/09/2023
SAMPLE SOURCE	ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)	RECEIVED DATE	25/09/2023
SAMPLE POINT	สำนักงานโครงการ (N1)	REPORTED DATE	03/10/2023
PARAMETER*	L_{eq} 1 hr., L_{eq} 24 hr., L_{90} & L_{dn}		
DETERMINATION METHOD	ISO 1996-1:2016		
INSTRUMENT	Integrated Sound Level Meter		
	S/N 01120944 : Class 1		

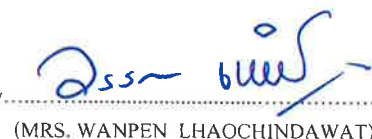
TIME \ DATE	17-18/09/2023 (L_{eq})	17-18/09/2023 (L_{90})	UNIT
10:00 - 11:00 ^{1/3}	57.0	51.2	dB(A)
11:00 - 12:00	56.7	51.0	dB(A)
12:00 - 13:00	54.2	50.0	dB(A)
13:00 - 14:00	54.6	50.4	dB(A)
14:00 - 15:00	54.7	50.0	dB(A)
15:00 - 16:00	55.0	49.8	dB(A)
16:00 - 17:00	56.3	51.2	dB(A)
17:00 - 18:00	56.9	52.2	dB(A)
18:00 - 19:00	56.1	51.6	dB(A)
19:00 - 20:00	54.6	50.5	dB(A)
20:00 - 21:00	55.7	50.6	dB(A)
21:00 - 22:00	53.1	47.7	dB(A)
22:00 - 23:00	53.9	48.8	dB(A)
23:00 - 00:00	54.8	47.0	dB(A)
00:00 - 01:00	60.4	57.8	dB(A)
01:00 - 02:00	51.9	46.9	dB(A)
02:00 - 03:00	50.2	44.0	dB(A)
03:00 - 04:00	50.7	44.7	dB(A)
04:00 - 05:00	52.3	46.9	dB(A)
05:00 - 06:00	54.8	50.7	dB(A)
06:00 - 07:00	59.0	55.1	dB(A)
07:00 - 08:00	60.8	57.0	dB(A)
08:00 - 09:00	59.5	55.5	dB(A)
09:00 - 10:00	59.6	55.0	dB(A)
L_{eq} 24 hr.	56.5	-	dB(A)
L_{dn}	62.2	-	dB(A)
Standard	70 ^{1/1} , 70 ^{1/2}	-	dB(A)

REMARK : ^{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)* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Photanphong)^{1/3} Start Time

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Approved By


 (MRS. WANPEN LHAOCHINDAWAT)

03/10/2023

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Request No. LA66-R1006

Report No. R6609-0237

TEST REPORT

CUSTOMER	: บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)	SAMPLE NO.	: 29628
ADDRESS	: 789 ม. 1 ต. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230	MEASURING DATE	: 18-19/09/2023
SAMPLE SOURCE	: ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)	RECEIVED DATE	: 25/09/2023
SAMPLE POINT	: สำนักงานโครงการ (N1)	REPORTED DATE	: 03/10/2023
PARAMETER*	: L_{eq} 1 hr., L_{eq} 24 hr., L_{90} & L_{dn}		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
	S/N 01120944 : Class 1		

TIME \ DATE	18-19/09/2023 (L_{eq})	18-19/09/2023 (L_{90})	UNIT
10:00 - 11:00 ^{1/3}	66.0	61.7	dB(A)
11:00 - 12:00	59.8	55.8	dB(A)
12:00 - 13:00	59.1	54.9	dB(A)
13:00 - 14:00	59.2	54.9	dB(A)
14:00 - 15:00	60.2	57.1	dB(A)
15:00 - 16:00	60.2	56.8	dB(A)
16:00 - 17:00	60.5	56.7	dB(A)
17:00 - 18:00	59.3	56.6	dB(A)
18:00 - 19:00	58.8	55.6	dB(A)
19:00 - 20:00	59.7	55.5	dB(A)
20:00 - 21:00	59.0	55.1	dB(A)
21:00 - 22:00	56.8	52.7	dB(A)
22:00 - 23:00	56.4	51.4	dB(A)
23:00 - 00:00	55.3	49.6	dB(A)
00:00 - 01:00	54.6	48.4	dB(A)
01:00 - 02:00	52.9	45.7	dB(A)
02:00 - 03:00	53.2	47.1	dB(A)
03:00 - 04:00	54.1	48.6	dB(A)
04:00 - 05:00	55.1	49.2	dB(A)
05:00 - 06:00	57.5	52.5	dB(A)
06:00 - 07:00	58.9	55.4	dB(A)
07:00 - 08:00	61.1	57.1	dB(A)
08:00 - 09:00	59.9	56.3	dB(A)
09:00 - 10:00	61.1	57.5	dB(A)
L_{eq} 24 hr.	59.3	-	dB(A)
L_{dn}	63.3	-	dB(A)
Standard	70 ^{1/1} , 70 ^{2/2}	-	dB(A)

REMARK :

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

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

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

^{1/3} Start Time

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

03/10/2023

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Request No. LA66-R1006

Report No. R6609-0238

TEST REPORT


CUSTOMER	: บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)	SAMPLE NO.	: 29629
ADDRESS	: 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230	MEASURING DATE	: 19-20/09/2023
SAMPLE SOURCE	: ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)	RECEIVED DATE	: 25/09/2023
SAMPLE POINT	: สำนักงานโครงการ (N1)	REPORTED DATE	: 03/10/2023
PARAMETER*	: L_{eq} 1 hr., L_{eq} 24 hr., L_{90} & L_{dn}		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
	S/N 01120944 : Class 1		

TIME \ DATE	19-20/09/2023 (L_{eq})	19-20/09/2023 (L_{90})	UNIT
10:00 - 11:00 ³	60.7	57.1	dB(A)
11:00 - 12:00	60.5	56.7	dB(A)
12:00 - 13:00	59.7	55.8	dB(A)
13:00 - 14:00	59.5	55.9	dB(A)
14:00 - 15:00	60.4	56.8	dB(A)
15:00 - 16:00	61.6	58.1	dB(A)
16:00 - 17:00	61.6	58.2	dB(A)
17:00 - 18:00	60.9	58.3	dB(A)
18:00 - 19:00	59.5	56.9	dB(A)
19:00 - 20:00	59.6	55.9	dB(A)
20:00 - 21:00	60.9	55.1	dB(A)
21:00 - 22:00	58.5	53.8	dB(A)
22:00 - 23:00	57.6	52.5	dB(A)
23:00 - 00:00	56.0	50.9	dB(A)
00:00 - 01:00	55.1	49.1	dB(A)
01:00 - 02:00	54.4	47.8	dB(A)
02:00 - 03:00	54.1	48.6	dB(A)
03:00 - 04:00	55.2	50.2	dB(A)
04:00 - 05:00	56.6	51.3	dB(A)
05:00 - 06:00	57.8	54.0	dB(A)
06:00 - 07:00	61.7	56.1	dB(A)
07:00 - 08:00	62.0	57.7	dB(A)
08:00 - 09:00	60.7	57.1	dB(A)
09:00 - 10:00	60.7	57.4	dB(A)
L_{eq} 24 hr.	59.6	-	dB(A)
L_{dn}	64.3	-	dB(A)
Standard	70 ¹ , 70 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)* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummaru Photachum)³ Start Time

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By


 (MRS. WANPEN LHAOCHINDAWAT)

03/10/2023

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Request No. LA66-R1006

Report No. R6610-0239

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ต. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : วัดยางเอน (N2)
 PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{90} & L_{dn}
 DETERMINATION METHOD : ISO 1996-1:2016
 INSTRUMENT : Integrated Sound Level Meter
 S/N 01120943 : Class 1

SAMPLE NO. : 29630
 MEASURING DATE : 17-18/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023

TIME \ DATE	17-18/09/2023 (L_{eq})	17-18/09/2023 (L_{90})	UNIT
10:00 - 11:00 ^{/3}	50.2	43.7	dB(A)
11:00 - 12:00	50.0	42.2	dB(A)
12:00 - 13:00	50.6	44.3	dB(A)
13:00 - 14:00	51.1	43.1	dB(A)
14:00 - 15:00	50.8	43.9	dB(A)
15:00 - 16:00	48.4	42.1	dB(A)
16:00 - 17:00	52.0	43.2	dB(A)
17:00 - 18:00	54.5	47.8	dB(A)
18:00 - 19:00	52.1	47.1	dB(A)
19:00 - 20:00	49.1	43.4	dB(A)
20:00 - 21:00	48.1	43.0	dB(A)
21:00 - 22:00	45.5	40.6	dB(A)
22:00 - 23:00	48.2	41.8	dB(A)
23:00 - 00:00	46.5	39.7	dB(A)
00:00 - 01:00	60.9	57.1	dB(A)
01:00 - 02:00	46.9	45.1	dB(A)
02:00 - 03:00	43.4	41.1	dB(A)
03:00 - 04:00	47.1	40.1	dB(A)
04:00 - 05:00	47.5	41.4	dB(A)
05:00 - 06:00	46.8	42.7	dB(A)
06:00 - 07:00	52.5	48.6	dB(A)
07:00 - 08:00	55.1	50.4	dB(A)
08:00 - 09:00	52.2	47.3	dB(A)
09:00 - 10:00	50.1	45.0	dB(A)
L_{eq} 24 hr.	51.9	-	dB(A)
L_{dn}	59.1	-	dB(A)
Standard	70 ^{/1} , 70 ^{/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 Photanagorn)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By



(MRS. WANPEN LHAOCHINDAWAT)

03/10/2023

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Request No. LA66-R1006

Report No. R6609-0240

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
ADDRESS : 789 ม. 1 ต. สายหนองค้อ-แหลมปลั่ง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
SAMPLE POINT : วัดยางเอน (N2)
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{90} & L_{dn}
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 01120943 : Class 1

SAMPLE NO. : 29631
MEASURING DATE : 18-19/09/2023
RECEIVED DATE : 25/09/2023
REPORTED DATE : 03/10/2023

TIME \ DATE	18-19/09/2023 (L_{eq})	18-19/09/2023 (L_{90})	UNIT
10:00 - 11:00 ³	62.3	56.2	dB(A)
11:00 - 12:00	52.6	47.5	dB(A)
12:00 - 13:00	51.9	48.3	dB(A)
13:00 - 14:00	51.8	47.0	dB(A)
14:00 - 15:00	51.3	48.8	dB(A)
15:00 - 16:00	52.3	49.6	dB(A)
16:00 - 17:00	53.2	50.0	dB(A)
17:00 - 18:00	55.2	51.1	dB(A)
18:00 - 19:00	52.8	49.7	dB(A)
19:00 - 20:00	52.1	48.5	dB(A)
20:00 - 21:00	52.5	48.9	dB(A)
21:00 - 22:00	50.8	47.5	dB(A)
22:00 - 23:00	49.1	46.4	dB(A)
23:00 - 00:00	52.1	45.9	dB(A)
00:00 - 01:00	48.3	45.4	dB(A)
01:00 - 02:00	46.2	44.2	dB(A)
02:00 - 03:00	46.1	44.3	dB(A)
03:00 - 04:00	46.6	43.8	dB(A)
04:00 - 05:00	48.7	45.0	dB(A)
05:00 - 06:00	49.1	45.8	dB(A)
06:00 - 07:00	52.3	48.6	dB(A)
07:00 - 08:00	54.1	50.3	dB(A)
08:00 - 09:00	52.3	48.9	dB(A)
09:00 - 10:00	53.0	48.9	dB(A)
L_{eq} 24 hr.	53.3	-	dB(A)
L_{dn}	57.0	-	dB(A)
Standard	70 ¹ , 70 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 Photachant)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MRS. WANPEN LHAOCHINDAWAT)

03/10/2023

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Request No. LA66-R1006

Report No. R6609-0241

TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)
 ADDRESS : 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230
 SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)
 SAMPLE POINT : วัดยางเอน (N2)
 PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{90} & L_{dn}
 DETERMINATION METHOD : ISO 1996-1:2016
 INSTRUMENT : Integrated Sound Level Meter
 S/N 01120943 : Class 1

SAMPLE NO. : 29632
 MEASURING DATE : 19-20/09/2023
 RECEIVED DATE : 25/09/2023
 REPORTED DATE : 03/10/2023


TIME \ DATE	19-20/09/2023 (L_{eq})	19-20/09/2023 (L_{90})	UNIT
10:00 - 11:00 ³	52.8	48.6	dB(A)
11:00 - 12:00	52.5	47.7	dB(A)
12:00 - 13:00	54.0	47.3	dB(A)
13:00 - 14:00	51.1	46.9	dB(A)
14:00 - 15:00	52.3	47.2	dB(A)
15:00 - 16:00	53.0	48.8	dB(A)
16:00 - 17:00	54.2	49.8	dB(A)
17:00 - 18:00	54.4	50.8	dB(A)
18:00 - 19:00	52.3	49.5	dB(A)
19:00 - 20:00	52.2	47.8	dB(A)
20:00 - 21:00	51.6	47.0	dB(A)
21:00 - 22:00	49.7	46.4	dB(A)
22:00 - 23:00	48.0	45.0	dB(A)
23:00 - 00:00	51.2	43.7	dB(A)
00:00 - 01:00	46.8	44.2	dB(A)
01:00 - 02:00	46.3	44.4	dB(A)
02:00 - 03:00	45.8	43.9	dB(A)
03:00 - 04:00	45.8	43.7	dB(A)
04:00 - 05:00	49.8	44.2	dB(A)
05:00 - 06:00	49.9	46.9	dB(A)
06:00 - 07:00	52.9	49.6	dB(A)
07:00 - 08:00	55.5	50.8	dB(A)
08:00 - 09:00	52.8	48.7	dB(A)
09:00 - 10:00	51.5	47.1	dB(A)
L_{eq} 24 hr.	51.8	-	dB(A)
L_{dn}	56.4	-	dB(A)
Standard	70 ¹ , 70 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)
 * Parameter Outside The Scope of The Registration of The Department of Industrial Works
 (Measurement By Mr. Tummarut Photakorn)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By


 (MRS. WANPEN LHAOCHINDAWAT)

03/10/2023

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Request No. LA66-R1006

Report No. R6610-0242

TEST REPORT

CUSTOMER	: บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)	SAMPLE NO.	: 29633
ADDRESS	: 789 ม. 1 ต. สายหนองค้อ-แหลมมดบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230	MEASURING DATE	: 17-18/09/2023
SAMPLE SOURCE	: ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)	RECEIVED DATE	: 25/09/2023
SAMPLE POINT	: บ้านไร่โคกสมอ (N3)	REPORTED DATE	: 03/10/2023
PARAMETER*	: L_{eq} 1 hr., L_{eq} 24 hr., L_{90} & L_{dn}		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter S/N 01120952 : Class 1		

TIME \ DATE	17-18/09/2023 (L_{eq})	17-18/09/2023 (L_{90})	UNIT
10:00 - 11:00 ^{/3}	53.7	44.3	dB(A)
11:00 - 12:00	52.3	44.6	dB(A)
12:00 - 13:00	50.5	44.2	dB(A)
13:00 - 14:00	49.8	43.7	dB(A)
14:00 - 15:00	49.2	44.9	dB(A)
15:00 - 16:00	50.0	44.2	dB(A)
16:00 - 17:00	52.0	46.3	dB(A)
17:00 - 18:00	52.7	46.8	dB(A)
18:00 - 19:00	51.5	45.2	dB(A)
19:00 - 20:00	49.4	46.7	dB(A)
20:00 - 21:00	65.8	46.3	dB(A)
21:00 - 22:00	54.4	45.8	dB(A)
22:00 - 23:00	48.5	45.2	dB(A)
23:00 - 00:00	47.9	44.3	dB(A)
00:00 - 01:00	55.9	51.8	dB(A)
01:00 - 02:00	54.5	52.7	dB(A)
02:00 - 03:00	51.2	50.4	dB(A)
03:00 - 04:00	53.9	52.6	dB(A)
04:00 - 05:00	50.9	49.1	dB(A)
05:00 - 06:00	52.7	46.1	dB(A)
06:00 - 07:00	54.2	48.8	dB(A)
07:00 - 08:00	54.9	51.3	dB(A)
08:00 - 09:00	52.4	48.0	dB(A)
09:00 - 10:00	51.4	45.9	dB(A)
L_{eq} 24 hr.	55.1	-	dB(A)
L_{dn}	59.9	-	dB(A)
Standard	70 ^{/1} , 70 ^{/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)
 * Parameter Outside The Scope of The Registration of The Department of Industrial Works
 (Measurement By Mr. Tummarut Photanklang)

^{/3} Start Time

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MRS. WANPEN LHAOCHINDAWAT)

03/10/2023

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

COPY

Request No. LA66-R1006

Report No. R6609-0243

TEST REPORT

CUSTOMER	: บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)	SAMPLE NO.	: 29634
ADDRESS	: 789 ม. 1 ถ. สายหนองค้อ-แหลมมั่งคั่ง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230	MEASURING DATE	: 18-19/09/2023
SAMPLE SOURCE	: ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)	RECEIVED DATE	: 25/09/2023
SAMPLE POINT	: บ้านไร่โคกสมอ (N3)	REPORTED DATE	: 03/10/2023
PARAMETER*	: L_{eq} 1 hr., L_{eq} 24 hr., L_{90} & L_{dn}		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
	S/N 01120952 : Class 1		

TIME \ DATE	18-19/09/2023 (L_{eq})	18-19/09/2023 (L_{90})	UNIT
10:00 - 11:00 ^{1/3}	62.1	54.0	dB(A)
11:00 - 12:00	55.6	47.5	dB(A)
12:00 - 13:00	51.6	46.1	dB(A)
13:00 - 14:00	51.0	46.9	dB(A)
14:00 - 15:00	54.1	47.5	dB(A)
15:00 - 16:00	53.6	49.9	dB(A)
16:00 - 17:00	53.1	47.5	dB(A)
17:00 - 18:00	56.5	48.4	dB(A)
18:00 - 19:00	59.9	54.5	dB(A)
19:00 - 20:00	52.5	47.7	dB(A)
20:00 - 21:00	49.6	47.1	dB(A)
21:00 - 22:00	50.0	46.1	dB(A)
22:00 - 23:00	50.6	46.6	dB(A)
23:00 - 00:00	49.5	47.1	dB(A)
00:00 - 01:00	48.6	45.3	dB(A)
01:00 - 02:00	43.4	42.2	dB(A)
02:00 - 03:00	43.1	42.1	dB(A)
03:00 - 04:00	43.5	42.1	dB(A)
04:00 - 05:00	44.3	42.2	dB(A)
05:00 - 06:00	51.5	41.4	dB(A)
06:00 - 07:00	53.7	45.1	dB(A)
07:00 - 08:00	55.7	50.7	dB(A)
08:00 - 09:00	52.7	47.7	dB(A)
09:00 - 10:00	52.7	45.5	dB(A)
L_{eq} 24 hr.	54.1	-	dB(A)
L_{dn}	57.3	-	dB(A)
Standard	70 ^{1/1} , 70 ^{1/2}	-	dB(A)

REMARK : ^{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)
 * Parameter Outside The Scope of The Registration of The Department of Industrial Works
 (Measurement By Mr. Tummarut Photakulchai)

^{1/3} Start Time

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MRS. WANPEN LHAOCHINDAWAT)

03/10/2023

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

COPY

Request No. LA66-R1006

Report No. R6609-0244

TEST REPORT

CUSTOMER	บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)	SAMPLE NO.	29635
ADDRESS	789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230	MEASURING DATE	19-20/09/2023
SAMPLE SOURCE	ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)	RECEIVED DATE	25/09/2023
SAMPLE POINT	บ้านไร่ คอนสโม (N3)	REPORTED DATE	03/10/2023
PARAMETER*	L_{eq} 1 hr., L_{eq} 24 hr., L_{90} & L_{dn}		
DETERMINATION METHOD	ISO 1996-1:2016		
INSTRUMENT	Integrated Sound Level Meter S/N 01120952 : Class 1		

TIME \ DATE	19-20/09/2023 (L_{eq})	19-20/09/2023 (L_{90})	UNIT
10:00 - 11:00 ^{/3}	51.4	45.8	dB(A)
11:00 - 12:00	50.6	45.3	dB(A)
12:00 - 13:00	51.3	45.4	dB(A)
13:00 - 14:00	68.5	45.2	dB(A)
14:00 - 15:00	51.3	45.9	dB(A)
15:00 - 16:00	55.5	49.4	dB(A)
16:00 - 17:00	52.2	47.8	dB(A)
17:00 - 18:00	55.8	48.0	dB(A)
18:00 - 19:00	55.4	44.3	dB(A)
19:00 - 20:00	52.3	45.0	dB(A)
20:00 - 21:00	50.9	47.8	dB(A)
21:00 - 22:00	50.3	48.1	dB(A)
22:00 - 23:00	48.0	46.6	dB(A)
23:00 - 00:00	46.4	44.8	dB(A)
00:00 - 01:00	48.9	46.0	dB(A)
01:00 - 02:00	49.1	45.9	dB(A)
02:00 - 03:00	45.2	43.7	dB(A)
03:00 - 04:00	43.9	42.6	dB(A)
04:00 - 05:00	47.4	45.1	dB(A)
05:00 - 06:00	52.9	44.1	dB(A)
06:00 - 07:00	54.1	49.1	dB(A)
07:00 - 08:00	54.5	50.5	dB(A)
08:00 - 09:00	52.0	46.6	dB(A)
09:00 - 10:00	54.1	46.3	dB(A)
L_{eq} 24 hr.	56.5	-	dB(A)
L_{dn}	58.8	-	dB(A)
Standard	70 ^{/1} , 70 ^{/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)
 * Parameter Outside The Scope of The Registration of The Department of Industrial Works
 (Measurement By Mr. Tummarut Photakhan)

^{/3} Start Time

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MRS. WANPEN LHAOCHINDAWAT)

03/10/2023

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

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Test Report

Request No : W6607048

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6607-0979

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3 Sample No : W 66070185

Sample Name : EQ Tank Sampling Date : 03/07/2023

Sampling By : ETC Sampling Time : 10:10 AM

Sampling Method : Grab Received Date : 04/07/2023

Tested Date : 05/07/2023 - 11/07/2023 Reported Date : 15/07/2023

Parameter	Unit	Method	Result
Arsenic	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020
Barium	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04
Cadmium	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Copper	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Cyanide	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L(4 Bottle)]

Remark : 1. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

2. Sampling By Miss Janthanee Saiphan (จ-003-ค-7281)

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

15/07/2023

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

15/07/2023

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

Test Report

Request No : W6607048

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6607-0979

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3

Sample No : W 66070185

Sample Name : EQ Tank

Sampling Date : 03/07/2023

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 04/07/2023

Tested Date : 05/07/2023 - 11/07/2023

Reported Date : 15/07/2023

Parameter	Unit	Method	Result
Hexavalent Chromium	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050
Lead	mg/L	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03
Manganese	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.26
Mercury	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L(4 Bottle)]

Remark : 1. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

2. Sampling By Miss Janthance Saiphan (จ-003-ค-7281)

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

15/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

15/07/2023

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



Test Report

Request No : W6607048

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6607-0979

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3

Sample No : W 66070185

Sample Name : EQ Tank

Sampling Date : 03/07/2023

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 04/07/2023

Tested Date : 05/07/2023 - 11/07/2023

Reported Date : 15/07/2023

Parameter	Unit	Method	Result
Selenium	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.22

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L(4 Bottle)]

Remark : 1. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

2. Sampling By Miss Janthanee Saiphan (จ-003-ค-7281)

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

15/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

15/07/2023

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

Test Report

Request No : W6607048

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6607-0979

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3 Sample No : W 66070185

Sample Name : EQ Tank Sampling Date : 03/07/2023

Sampling By : ETC Sampling Time : 10:10 AM

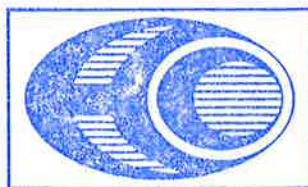
Sampling Method : Grab Received Date : 04/07/2023

Tested Date : 05/07/2023 - 11/07/2023 Reported Date : 15/07/2023

Parameter	Unit	Method	Result
Flow Rate	m ³ /day	Calculation Method	1,176
Iron	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.33
Phosphorus	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	2.88
Silver	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05

Physical Apperance : 1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L(4 Bottle)]

Remark : 1. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. Sampling By Miss Janthanee Saiphan (จ-003-ค-7281)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

15/07/2023

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

Test Report

Request No : W6607047

Customer : Pinthong Industrial Park Public Company Limited**

Report No : 6607- 1021

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66070184

Sample Name : EQ Tank** Sampling Date : 03/07/2023**

Sampling By : ETC** Sampling Time : 10:10 AM**

Sampling Method : Grab** Received Date : 04/07/2023

Tested Date : 04/07/2023 - 20/07/2023 Reported Date : 22/07/2023

Parameter	Unit	Method	Result
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	12.8
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	54
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0
pH (on site) *		Electrometric Method	7.1
Temperature *	°C	Laboratory and Field Method	32
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	240
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	19
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	6

Physical Appearance : 1. Sample : yellowish, lightly SS

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

Remark : 1. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

2. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

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

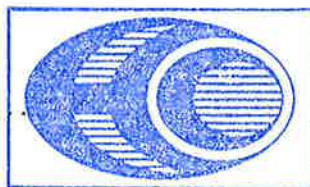
4. ** = These data are non laboratory data.

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

22/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-4367)

22/07/2023

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

Test Report

Request No : W6608021

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6608-1280

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3

Sample No : W 66080042

Sample Name : EQ Tank

Sampling Date : 01/08/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 02/08/2023

Tested Date : 02/08/2023 - 05/08/2023

Reported Date : 17/08/2023


Parameter	Unit	Method	Result
Arsenic	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020
Barium	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03
Cadmium	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Copper	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Cyanide	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

2. Sampling By Miss Janthanee Saiphan (จ-003-ก-0018)

Examined By : (Miss Apiradee Chuen-arom)
(จ-003-ก-0007)

17/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : (Miss Nunnaphat Bakhuntod)
(จ-003-ก-0005)

17/08/2023

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

Test Report

Request No : W6608021

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6608-1280

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3

Sample No : W 66080042

Sample Name : EQ Tank

Sampling Date : 01/08/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 02/08/2023

Tested Date : 02/08/2023 - 05/08/2023

Reported Date : 17/08/2023

Parameter	Unit	Method	Result
Hexavalent Chromium	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050
Lead	mg/L	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03
Manganese	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.27
Mercury	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.10

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

2. Sampling By Miss Janthance Saiphan (จ-003-ก-0018)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

17/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

17/08/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6608021

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6608-1280

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3 Sample No : W 66080042

Sample Name : EQ Tank

Sampling Date : 01/08/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 02/08/2023

Tested Date : 02/08/2023 - 05/08/2023

Reported Date : 17/08/2023


Parameter	Unit	Method	Result
Selenium	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.30

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

2. Sampling By Miss Janthanee Saiphan (จ-003-ค-0018)

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

17/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

17/08/2023

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

Test Report

Request No : W6608021

Report No : 6608-1280

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3 Sample No : W 66080042

Sample Name : EQ Tank Sampling Date : 01/08/2023

Sampling By : ETC Sampling Time : 9:40 AM

Sampling Method : Grab Received Date : 02/08/2023

Tested Date : 02/08/2023 - 05/08/2023 Reported Date : 17/08/2023

Parameter	Unit	Method	Result
Flow Rate	m ³ /day	Calculation Method	584.0
Iron	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.35
Phosphorus	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	6.65
Silver	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05

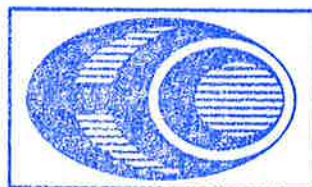
Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. Parameter Outside The Scope of The Registration of Department of Industrial Works

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

3. Sampling By Miss Janthanee Saiphan



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Examined By : 

(Miss Apiradee Chuen-arom)

17/08/2023

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Test Report

Request No : W6608021

Customer : Pinthong Industrial Park Public Company Limited**

Report No : 6608-1279

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3**

Sample No : W 66080041

Sample Name : EQ Tank**

Sampling Date : 01/08/2023**

Sampling By : ETC**

Sampling Time : 9:40 AM**

Sampling Method : Grab**

Received Date : 02/08/2023

Tested Date : 02/08/2023 - 08/08/2023

Reported Date : 17/08/2023

Parameter	Unit	Method	Result
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	33.2
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	82
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0
pH (on site) *		Electrometric Method	7.0
Temperature *	°C	Laboratory and Field Method	32
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	347
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	27
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	15

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

2. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

3. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ค-0018) *

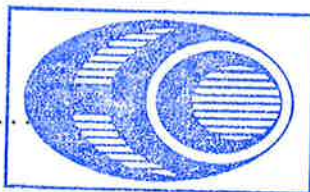
4. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

17/08/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

17/08/2023

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EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No : W6609021

Report No : 6609-1517

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3**

Sample No : W 66090103

Sample Name : EQ Tank**

Sampling Date : 01/09/2023**

Sampling By : ETC**

Sampling Time : 10:05 AM**

Sampling Method : Grab**

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 09/09/2023

Reported Date : 22/09/2023

Parameter	Unit	Method	Result
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020

Physical Appearance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.8 L]

Remark : 1. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

2. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

3. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ก-0018) *

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

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

22/09/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

22/09/2023

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Test Report

Request No : W6609021

Customer : Pinthong Industrial Park Public Company Limited**

Report No : 6609-1517

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66090103

Sample Name : EQ Tank** Sampling Date : 01/09/2023**

Sampling By : ETC** Sampling Time : 10:05 AM**

Sampling Method : Grab** Received Date : 02/09/2023

Tested Date : 02/09/2023 - 09/09/2023 Reported Date : 22/09/2023

Parameter	Unit	Method	Result
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.40
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.08

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.8 L]

Remark : 1. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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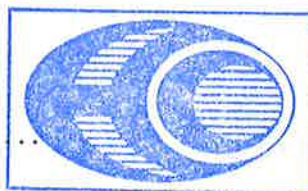
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(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

22/09/2023



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(จ-003-ค-0005)

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NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No : W6609021

Report No : 6609-1517

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3**

Sample No : W 66090103

Sample Name : EQ Tank**

Sampling Date : 01/09/2023**

Sampling By : ETC**

Sampling Time : 10:05 AM**

Sampling Method : Grab**

Received Date : 02/09/2023

Tested Date : 02/09/2023 - 09/09/2023

Reported Date : 22/09/2023

Parameter	Unit	Method	Result
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.33

Physical Appearance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.8 L]

Remark : 1. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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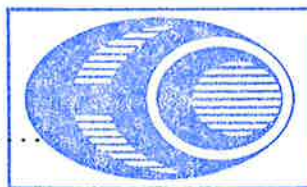
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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

22/09/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

22/09/2023

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Test Report

Request No : W6609021

Customer : Pinthong Industrial Park Public Company Limited**

Report No : 6609- 1517

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66090103

Sample Name : EQ Tank** Sampling Date : 01/09/2023**

Sampling By : ETC** Sampling Time : 10:05 AM**

Sampling Method : Grab** Received Date : 02/09/2023

Tested Date : 02/09/2023 - 09/09/2023 Reported Date : 22/09/2023

Parameter	Unit	Method	Result
Flow Rate *	m ³ /day	Calculation Method	1,136
Iron @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.26
Phosphorus *	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	4.69
Silver @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.8 L]

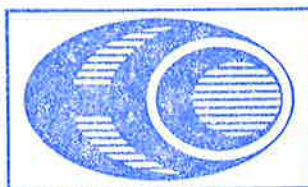
Remark : 1. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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

3. Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan*

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



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Examined By : 

(Miss Nunnaphat Bakhuntod)

22/09/2023

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
 Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
 Sampling By : Mr. Songkarn Malaithong (๓-341-๓-0003)
 Sampling Method : GRAB
 Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 3), EQ Tank
 Sampling Date : 01/09/23
 Sampling Time : 10.05 AM
 Sample No. : WW 1118/66

Report No. : 660001-R0990
 Report Date : 21/09/23
 Received Date : 01/09/23
 Analytical Date : 01/09/23-19/09/23

Item / Parameter	Unit	Analytical Method [®]	Result	Criteria
Biochemical Oxygen Demand	mg/L	SM 4500-O G and 5210 B	12	-
Chemical Oxygen Demand	mg/L	SM 5220 D	<40	-
Oil & Grease	mg/L	SM 5520 B	4.0	-
pH	-	SM 4500-H ⁺ B	7.4	-
Temperature	°C	SM 2550 B	32.6	-
Total Dissolved Solids (TDS)	mg/L	SM 2540 C	760	-
Total Kjeldahl Nitrogen (TKN)	mg/L as NH ₃ -N	SM 4500-N _{org} B and 4500-NH ₃ C	20.3	-
Total Suspended Solids (TSS)	mg/L	SM 2540 D	12.5	-

Physical Appearance Sample: Yellow, Lightly SS

Remark :

Approved by :



(Miss Panida Ruamlarp)

๓-341-๓-0002

21/09/23



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Test Report

Request No : W6610017

Customer : Pinthong Industrial Park Public Company Limited**

Report No : 6610-1764

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66100054

Sample Name : EQ Tank** Sampling Date : 02/10/2023**

Sampling By : ETC** Sampling Time : 9:35 AM**

Sampling Method : Grab** Received Date : 03/10/2023

Tested Date : 03/10/2023 - 18/10/2023 Reported Date : 25/10/2023

Parameter	Unit	Method	Result
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0055
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020

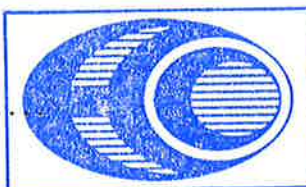
Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L [3 Bottle]]

Remark : 1. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
2. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
3. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ค-0018) *
4. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)

25/10/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)

25/10/2023

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Test Report

Request No : W6610017

Customer : Pinthong Industrial Park Public Company Limited**

Report No : 6610-1764

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66100054

Sample Name : EQ Tank** Sampling Date : 02/10/2023**

Sampling By : ETC** Sampling Time : 9:35 AM**

Sampling Method : Grab** Received Date : 03/10/2023

Tested Date : 03/10/2023 - 18/10/2023 Reported Date : 25/10/2023

Parameter	Unit	Method	Result
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.06
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.13

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L [3 Bottle]]

Remark : 1. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

25/10/2023



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Approved By :

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(จ-003-ก-0005)

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Test Report

Request No : W6610017

Report No : 6610-1764

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66100054

Sample Name : EQ Tank** Sampling Date : 02/10/2023**

Sampling By : ETC** Sampling Time : 9:35 AM**

Sampling Method : Grab** Received Date : 03/10/2023

Tested Date : 03/10/2023 - 18/10/2023 Reported Date : 25/10/2023

Parameter	Unit	Method	Result
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.31

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [3 Bottle]]

Remark : 1. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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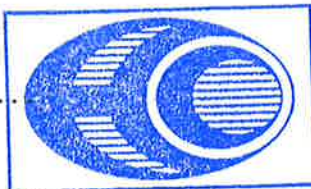
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Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ก-0007)

25/10/2023



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Approved By : 

(Miss Nunnaphat Bakhuntod)
(จ-003-ก-0005)

25/10/2023

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Test Report

Request No : W6610017

Report No : 6610- 1764

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3**

Sample No : W 66100054

Sample Name : EQ Tank**

Sampling Date : 02/10/2023**

Sampling By : ETC**

Sampling Time : 9:35 AM**

Sampling Method : Grab**

Received Date : 03/10/2023

Tested Date : 03/10/2023 - 18/10/2023

Reported Date : 25/10/2023

Parameter	Unit	Method	Result
Flow Rate *	m ³ /day	Calculation Method	1,176
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.79
Phosphorus *	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	11.5
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [3 Bottle]]

Remark : 1. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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3. Miss Nunnaphat Bakhuntod is Technical Management.

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Examined By :

(Miss Nunnaphat Bakhuntod)

25/10/2023

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**PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD**

789/200 Moo 1, Nong-Kham, Sriracha, Chonburi, Thailand 20230

Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

REGISTERED LAB NO. 7-341

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : CLIENT
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 3), EQ Tank
Sampling Date : 02/10/23
Sampling Time : 9.35 AM
Sample No. : WW1278/66
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L

Report No. : 660001-R1136
Report Date : 12/10/23
Received Date : 02/10/23
Analytical Date : 02/10/23-10/10/23

Item / Parameter	Unit	Method ^{1/}	Result
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	47
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	118
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3
pH	-	Electrometric Method (SM 4500-H ⁺ B)	7.0
Temperature	°C	Laboratory and Field Method (SM 2550 B)	29.9
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	574
Total Kjeldahl Nitrogen (TKN)	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM 4500-N _{org} B and 4500-NH ₃ C) [*]	29.6
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	36.0

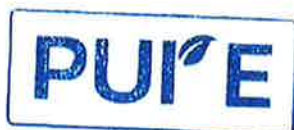
Physical Appearance : Yellow, Turbid**Remark :** ^{1/} SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :

(Miss Panida Ruamlarp)

7-341-P-0002

12/10/23



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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Page 1 of 1

F-7.8-03-01/06-10-66

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Test Report

Request No : W6611026

Report No : 6611-1064

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66110135

Sample Name : EQ Tank** Sampling Date : 01/11/2023**

Sampling By : ETC** Sampling Time : 9:20 AM**

Sampling Method : Grab** Received Date : 02/11/2023

Tested Date : 02/11/2023 - 11/11/2023 Reported Date : 15/11/2023

Parameter	Unit	Method	Result
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0043
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [3 Bottle]]

Remark : 1. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

2. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

3. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ก-0018) *

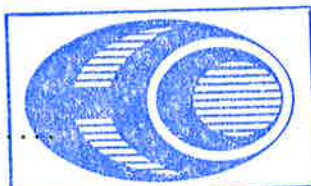
4. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

15/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

15/11/2023

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Test Report

Request No : W6611026

Customer : Pinthong Industrial Park Public Company Limited**

Report No : 6611-1064

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66110135

Sample Name : EQ Tank** Sampling Date : 01/11/2023**

Sampling By : ETC** Sampling Time : 9:20 AM**

Sampling Method : Grab** Received Date : 02/11/2023

Tested Date : 02/11/2023 - 11/11/2023 Reported Date : 15/11/2023

Parameter	Unit	Method	Result
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.64
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.32

Physical Apperance : 1. Sample : yellowish, turbid
2. Container : Normal [PE 0.5 L [3 Bottle]]

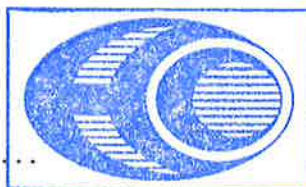
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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

15/11/2023



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Test Report

Request No : W6611026

Customer : Pinthong Industrial Park Public Company Limited**

Report No : 6611-1064

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66110135

Sample Name : EQ Tank** Sampling Date : 01/11/2023**

Sampling By : ETC** Sampling Time : 9:20 AM**

Sampling Method : Grab** Received Date : 02/11/2023

Tested Date : 02/11/2023 - 11/11/2023 Reported Date : 15/11/2023

Parameter	Unit	Method	Result
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.69

Physical Apperance : 1. Sample : yellowish, turbid


2. Container : Normal [PE 0.5 L [3 Bottle]]

Remark : 1. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

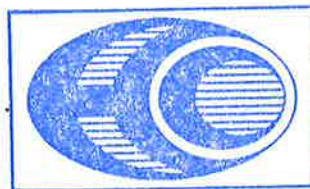
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Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)

15/11/2023



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Approved By : 
(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)

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Test Report

Request No : W6611026

Report No : 6611- 1064

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66110135

Sample Name : EQ Tank** Sampling Date : 01/11/2023**

Sampling By : ETC** Sampling Time : 9:20 AM**

Sampling Method : Grab** Received Date : 02/11/2023

Tested Date : 02/11/2023 - 11/11/2023 Reported Date : 15/11/2023

Parameter	Unit	Method	Result
Flow Rate *	m ³ /day	Calculation Method	1,280
Iron @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.48
Phosphorus *	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	10.6
Silver @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [3 Bottle]]

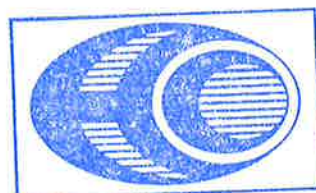
Remark : 1. Parameter Outside The Scope of The Registration of Department of Industrial Works

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3. Miss Nunnaphat Bakhuntod is Technical Management.

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Examined By : 

(Miss Nunnaphat Bakhuntod)

15/11/2023

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789/200 Moo 1, Nong-Kham, Sriracha, Chonburi, Thailand 20230
Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

REGISTERED LAB NO. 7-341

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : CLIENT
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 3), EQ Tank
Sampling Date : 01/11/66 **Report No.** : 660001-R1302
Sampling Time : 09.20 AM **Report Date** : 13/11/66
Sample No. : WW 1458/66 **Received Date** : 01/11/66
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L **Analytical Date** : 01/11/66-10/11/66

Item / Parameter	Unit	Method ^{2/}	Result	Standard ^{1/}
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	27	≤500
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	66	≤750
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤10
pH	-	Electrometric Method (SM 4500-H ⁺ B)	7.4	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM 2550 B)	30.5	≤45
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	740	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM 4500-N _{ox} B and 4500-NH ₃ C)	18.3	≤100
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	25.0	≤200

Physical Appearance : Yellow, Turbid, Medium SS**Remark** : ^{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.

Approved by :



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

(Miss Panida Ruamlarp)

7-341-P-0002

13/11/23

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Test Report

Request No : W6612026

Report No : 6612-0743

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66120129

Sample Name : EQ Tank** Sampling Date : 01/12/2023**

Sampling By : ETC** Sampling Time : 9:30 AM**

Sampling Method : Grab** Received Date : 02/12/2023

Tested Date : 04/12/2023 - 13/12/2023 Reported Date : 14/12/2023

Parameter	Unit	Method	Result
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0029
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle]]

Remark : 1. @ = 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.

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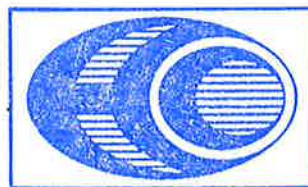
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4. ** = These data are non laboratory data.

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ก-0007)

14/12/2023



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Approved By : 

(Miss Nunnaphat Bakhuntod)
(จ-003-ก-0005)

14/12/2023

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Test Report

Request No : W6612026

Report No : 6612-0743

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66120129

Sample Name : EQ Tank** Sampling Date : 01/12/2023**

Sampling By : ETC** Sampling Time : 9:30 AM**

Sampling Method : Grab** Received Date : 02/12/2023

Tested Date : 04/12/2023 - 13/12/2023 Reported Date : 14/12/2023

Parameter	Unit	Method	Result
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.30
Mercury #	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle]]

Remark : 1. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

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Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ก-0007)

14/12/2023



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Test Report

Request No : W6612026

Report No : 6612-0743

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3**

Sample No : W 66120129

Sample Name : EQ Tank**

Sampling Date : 01/12/2023**

Sampling By : ETC**

Sampling Time : 9:30 AM**

Sampling Method : Grab**

Received Date : 02/12/2023

Tested Date : 04/12/2023 - 13/12/2023

Reported Date : 14/12/2023

Parameter	Unit	Method	Result
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.26

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle]]

Remark : 1. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

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(Miss Apiradee Chuen-arom)
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14/12/2023



Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ท-0005)

14/12/2023

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Test Report

Request No : W6612026

Report No : 6612- 0743

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3**

Sample No : W 66120129

Sample Name : EQ Tank**

Sampling Date : 01/12/2023**

Sampling By : ETC**

Sampling Time : 9:30 AM**

Sampling Method : Grab**

Received Date : 02/12/2023

Tested Date : 04/12/2023 - 13/12/2023

Reported Date : 14/12/2023

Parameter	Unit	Method	Result
Flow Rate *	m ³ /day	Calculation Method	1,368
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.26
Phosphorus *	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	6.32
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [4 Bottle]]

Remark : 1. Parameter Outside The Scope of The Registration of Department of Industrial Works

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Examined By : 

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14/12/2023

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789/200 Moo 1, Nong-Kham, Siracha, Chonburi, Thailand 20230

Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

REGISTERED LAB NO. 7-341

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : CLIENT
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 3), EQ Tank
Sampling Date : 01/12/66 **Report No.** : 660001-R1684
Sampling Time : 09.30 AM **Report Date** : 13/12/66
Sample No. : WW 1872/66 **Received Date** : 01/12/66
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L **Analytical Date** : 01/12/66-13/12/66

Item / Parameter	Unit	Method ^{1/}	Result
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	31
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	72
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	4.9
pH		Electrometric Method (SM 4500-H ⁺ B)	7.4
Temperature	°C	Laboratory and Field Method (SM 2550 B)	32.8
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	690
Total Kjeldahl Nitrogen (TKN)	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM 4500-N _{org} B and 4500-NH ₃ C)	26.7
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	30.0

Physical Appearance : Yellow, Medium SS**Remark** : ^{1/} SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :

(Miss Panida Ruamrarp)

7-341-P-0002

15/12/23



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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Test Report

Request No : W6607135

Report No : 6607-1869

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66070512

Sample Name : Holding Pond (Effluent)** Sampling Date : 05/07/2023**

Sampling By : ETC** Sampling Time : 10:40 AM**

Sampling Method : Grab** Received Date : 06/07/2023

Tested Date : 07/07/2023 - 18/07/2023 Reported Date : 25/07/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.3	≤20
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	45	≤120
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	612	≤3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	7	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	5	≤50

Physical Apperance : 1. Sample : yellow, lightly SS

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. # = 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 / Miss Nunnaphat Bakhuntod is Technical Management.

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

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

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

25/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-4367)

25/07/2023

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Test Report

Request No : W6607135

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6607-1870

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3

Sample No : W 66070513

Sample Name : Holding Pond (Effluent)

Sampling Date : 05/07/2023

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 06/07/2023

Tested Date : 07/07/2023 - 15/07/2023

Reported Date : 25/07/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Barium	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤1
Cadmium	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L(4 Bottle)]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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

3. Sampling By Miss Janthanee Saiphan (จ-003-ค-7281)

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

25/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

25/07/2023

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Test Report

Request No : W6607135

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6607-1870

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3

Sample No : W 66070513

Sample Name : Holding Pond (Effluent)

Sampling Date : 05/07/2023

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 06/07/2023

Tested Date : 07/07/2023 - 15/07/2023

Reported Date : 25/07/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead	mg/L	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.05	≤5
Mercury	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	≤1

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L(4 Bottle)]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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

3. Sampling By Miss Janthanee Saiphan (จ-003-ค-7281)

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

25/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

25/07/2023

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Test Report

Request No : W6607135

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6607-1870

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3

Sample No : W 66070513

Sample Name : Holding Pond (Effluent)

Sampling Date : 05/07/2023

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 06/07/2023

Tested Date : 07/07/2023 - 15/07/2023

Reported Date : 25/07/2023

Parameter	Unit	Method	Result	Standard ¹
Selenium	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤ 0.02
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤ 5

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L(4 Bottle)]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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

3. Sampling By Miss Janthanee Saiphan (จ-003-ค-7281)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

25/07/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

25/07/2023

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Test Report

Request No : W6607135

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6607 - 1870

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3

Sample No : W 66070513

Sample Name : Holding Pond (Effluent)

Sampling Date : 05/07/2023

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 06/07/2023

Tested Date : 07/07/2023 - 15/07/2023

Reported Date : 25/07/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen	mg/L	Membrane Electrode Method (SM:4500 -O G)	1.8	-
Iron	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	-
Phosphorus	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	6.83	-
Silver	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L(4 Bottle)]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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 (ว-003-ค-7281)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

25/07/2023

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Test Report

Request No : W 6608067

Report No : 6608-1123

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียเดิมเป็นทอง โครงการ 3** Sample No : W 66080246

Sample Name : Holding Pond (Effluent)** Sampling Date : 03/08/2023**

Sampling By : ETC** Sampling Time : 9:50 AM**

Sampling Method : Grab** Received Date : 04/08/2023

Tested Date : 04/08/2023 - 11/08/2023 Reported Date : 15/08/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	8.3	≤20
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	54	≤120
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.4	5.5-9.0
Temperature *	°C	Laboratory and Field Method	30	≤40
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	537	≤3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	7	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	8	≤50

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. # = 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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ก-0018) *

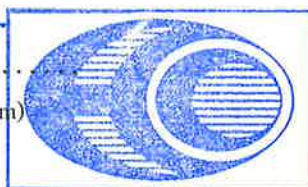
5. ** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

15/08/2023



Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

15/08/2023

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Test Report

Request No : W6608067

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6608-1122

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3 Sample No : W 66080245

Sample Name : Holding Pond (Effluent) Sampling Date : 03/08/2023

Sampling By : ETC Sampling Time : 9:50 AM

Sampling Method : Grab Received Date : 04/08/2023

Tested Date : 04/08/2023 - 14/08/2023 Reported Date : 15/08/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤ 0.25
Barium	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1
Cadmium	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.03
Copper	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 2
Cyanide	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤ 0.2

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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

3. Sampling By Miss Janthanee Saiphan (ว-003-ค-0018)

Examined By : (Miss Apiradee Chuen-arom)
(ว-003-ค-0007)

15/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : (Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)

15/08/2023

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Test Report

Request No : W6608067

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6608-1122

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3 Sample No : W 66080245

Sample Name : Holding Pond (Effluent) Sampling Date : 03/08/2023

Sampling By : ETC Sampling Time : 9:50 AM

Sampling Method : Grab Received Date : 04/08/2023

Tested Date : 04/08/2023 - 14/08/2023 Reported Date : 15/08/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤ 0.25
Lead	mg/L	Digestion, Inductively Coupled Plasma (SM:3030F, 3120B)	< 0.03	≤ 0.2
Manganese	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.74	≤ 5
Mercury	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤ 1

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

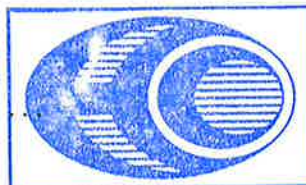
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

3. Sampling By Miss Janthancee Saiphan (จ-003-ค-0018)

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)

15/08/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)

15/08/2023

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Test Report

Request No : W6608067

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6608-1122

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3

Sample No : W 66080245

Sample Name : Holding Pond (Effluent)

Sampling Date : 03/08/2023

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 04/08/2023

Tested Date : 04/08/2023 - 14/08/2023

Reported Date : 15/08/2023

Parameter	Unit	Method	Result	Standard ¹
Selenium	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤ 0.02
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤ 5

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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

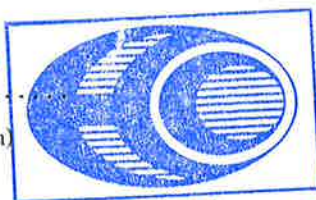
3. Sampling By Miss Janthancee Saiphan (จ-003-ค-0018)

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0005)

15/08/2023



Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0007)

15/08/2023

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Test Report

Request No : W6608067

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6608-1122

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3

Sample No : W 66080245

Sample Name : Holding Pond (Effluent)

Sampling Date : 03/08/2023

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 04/08/2023

Tested Date : 04/08/2023 - 14/08/2023

Reported Date : 15/08/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen	mg/L	Membrane Electrode Method (SM:4500 -O G)	4.0	-
Iron	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	-
Phosphorus	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	6.19	-
Silver	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L [4 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

15/08/2023



ACCREDITED
ISO 9001 / ISO 14001

EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No : W6609074

Customer : Pinthong Industrial Park Public Company Limited**

Report No : 6609-1512

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66090268

Sample Name : Holding Pond (Effluent)** Sampling Date : 04/09/2023**

Sampling By : ETC** Sampling Time : 9:50 AM**

Sampling Method : Grab** Received Date : 05/09/2023

Tested Date : 05/09/2023 - 14/09/2023 Reported Date : 22/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2

Physical Appearance : 1. Sample : white, turbid

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ก-0018) *

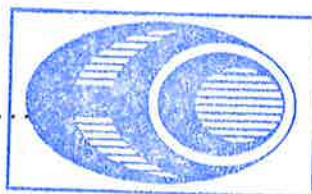
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

22/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

22/09/2023

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Test Report

Request No : W6609074

Report No : 6609-1512

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66090268

Sample Name : Holding Pond (Effluent)** Sampling Date : 04/09/2023**

Sampling By : ETC** Sampling Time : 9:50 AM**

Sampling Method : Grab** Received Date : 05/09/2023

Tested Date : 05/09/2023 - 14/09/2023 Reported Date : 22/09/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.31	≤5
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤1

Physical Apperance : 1. Sample : white, turbid

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ก-0018) *

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

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-0007)
22/09/2023



Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ก-0005)
22/09/2023

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Test Report

Request No : W6609074

Report No : 6609-1512

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66090268

Sample Name : Holding Pond (Effluent)** Sampling Date : 04/09/2023**

Sampling By : ETC** Sampling Time : 9:50 AM**

Sampling Method : Grab** Received Date : 05/09/2023

Tested Date : 05/09/2023 - 14/09/2023 Reported Date : 22/09/2023

Parameter	Unit	Method	Result	Standard ¹
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤ 0.02
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤ 5

Physical Apperance : 1. Sample : white, turbid

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

22/09/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

22/09/2023

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Test Report

Request No : W 6609074

Report No : 6609- 1512

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd ., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66090268

Sample Name : Holding Pond (Effluent)** Sampling Date : 04/09/2023**

Sampling By : ETC** Sampling Time : 9:50 AM**

Sampling Method : Grab** Received Date : 05/09/2023

Tested Date : 05/09/2023 - 14/09/2023 Reported Date : 22/09/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	6.2	-
Iron @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	-
Phosphorus *	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	5.82	-
Silver @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Apperance : 1. Sample : white, turbid

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

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

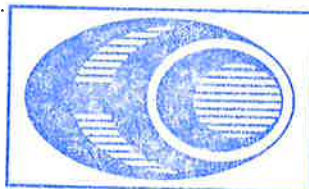
2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

4. Miss Nunnaphat Bakhuntod is Technical Management.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan *

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Examined By :

(Miss Nunnaphat Bakhuntod)

22/09/2023

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PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD

789/200 Moo 1, Nong-Kham, Siracha, Chonburi, Thailand 20230

Tel: 033-136-574 to 6 ext. 320, E-mail: lab@pin-pure.com

REGISTERED LAB NO. 1-341

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : Miss. Nawarat Jittiruangkit (1-341-จ-0002)
Sampling Method : GRAB
Sampling Name : ระบบบำบัดน้ำเสียนิคมปันทอง โครงการ 3 (Holding Pond)
Sampling Date : 04/09/23
Sampling Time : 09.40 AM
Sample No. : WW 1149/66
Report No. : 660001-R1019
Report Date : 21/09/23
Received Date : 04/09/23
Analytical Date : 04/09/23-19/09/23

Item / Parameter	Unit	Analytical Method [®]	Result	Criteria
Biochemical Oxygen Demand	mg/L	SM 4500-O G and 5210 B	11	≤20
Chemical Oxygen Demand	mg/L	SM 5220 D	<40	≤120
Oil & Grease	mg/L	SM 5520 B	<3	≤5
pH	-	SM 4500-H ⁺ B	7.0	5.5-9.0
Temperature	°C	SM 2550 B	32.2	≤40
Total Dissolved Solids (TDS)	mg/L	SM 2540 C	536	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/l as NH ₃ -N	SM 4500-N _{org} B and 4500-NH ₃ C	<10	≤100
Total Suspended Solids (TSS)	mg/L	SM 2540 D	11.8	≤50

Physical Appearance Sample: Yellowish, Lightly SS

Remark :

Approved by :

(Miss Panida Ruamlarp)

1-341-ค-0002

21/09/23



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Test Report

Request No : W6610113

Report No : 6610-1760

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66100453

Sample Name : Holding Pond (Effluent)** Sampling Date : 04/10/2023**

Sampling By : ETC** Sampling Time : 9:30 AM**

Sampling Method : Grab** Received Date : 05/10/2023

Tested Date : 05/10/2023 - 17/10/2023 Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0021	≤0.25
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤1
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2

Physical Appearance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L]

Remark : 1. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ก-0018) *

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

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

25/10/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

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EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhaphibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



NSC-TISI-TIS 17025
TESTING 1712

Test Report

Request No : W6610113

Customer : Pinthong Industrial Park Public Company Limited**

Report No : 6610-1760

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66100453

Sample Name : Holding Pond (Effluent)** Sampling Date : 04/10/2023**

Sampling By : ETC** Sampling Time : 9:30 AM**

Sampling Method : Grab** Received Date : 05/10/2023

Tested Date : 05/10/2023 - 17/10/2023 Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.98	≤5
Mercury *	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤1

Physical Appearance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)

25/10/2023



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Approved By : 

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)

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Test Report

Request No : W6610113

Report No : 6610-1760

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66100453

Sample Name : Holding Pond (Effluent)** Sampling Date : 04/10/2023**

Sampling By : ETC** Sampling Time : 9:30 AM**

Sampling Method : Grab** Received Date : 05/10/2023

Tested Date : 05/10/2023 - 17/10/2023 Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤ 0.02
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 5

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

25/10/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

25/10/2023

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Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



Test Report

Request No : W6610113

Report No : 6610-1760

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66100453

Sample Name : Holding Pond (Effluent)** Sampling Date : 04/10/2023**

Sampling By : ETC** Sampling Time : 9:30 AM**

Sampling Method : Grab** Received Date : 05/10/2023

Tested Date : 05/10/2023 - 17/10/2023 Reported Date : 25/10/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	2.9	-
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	-
Phosphorus *	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	6.16	-
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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

3. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

4. Miss Nunnaphat Bakhuntod is Technical Management.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan *

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



Examined By :

(Miss Nunnaphat Bakhuntod)
25/10/2023

REPORTED BY: MISS NUNNAPHAT BAKHUNTOD
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**PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD**

789/200 Moo 1, Nong-Kham, Sriracha, Chonburi, Thailand 20230
Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

REGISTERED LAB NO. 2-341

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : CLIENT
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 3), Holding Pond
Sampling Date : 04/10/23
Sampling Time : 9.30 AM
Sample No. : WW1308/66
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L

Report No. : 660001-R1164
Report Date : 12/10/23
Received Date : 04/10/23
Analytical Date : 04/10/23-10/10/23

Item / Parameter	Unit	Method ^{2/}	Result	Standard ^{1/}
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	5	<20
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	<40	<120
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	<5
pH	-	Electrometric Method (SM 4500-H ⁺ B)	7.6	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM 2550 B)	29.5	<40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	480	<3000
Total Kjeldahl Nitrogen (TKN)	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM 4500-N _{org} B and 4500-NH ₃ C)	13.9	<100
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	5.2	<50

Physical Appearance : Yellow, Medium SS**Remark** : ^{1/} Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).^{2/} SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :

(Miss Panida Ruamrarp)

2-341-P-0002

12/10/23



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Test Report

Request No : W6611100

Report No : 6611-1070

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3**

Sample No : W 66110477

Sample Name : Holding Pond (Effluent)**

Sampling Date : 03/11/2023**

Sampling By : ETC**

Sampling Time : 10:05 AM**

Sampling Method : Grab**

Received Date : 04/11/2023

Tested Date : 06/11/2023 - 11/11/2023

Reported Date : 15/11/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0020	≤0.25
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.03	≤1
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2

Physical Appearance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [3 Bottle]]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ค-0018) *

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

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

15/11/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

15/11/2023

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Test Report

Request No : W6611100

Report No : 6611-1070

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66110477

Sample Name : Holding Pond (Effluent)** Sampling Date : 03/11/2023**

Sampling By : ETC** Sampling Time : 10:05 AM**

Sampling Method : Grab** Received Date : 04/11/2023

Tested Date : 06/11/2023 - 11/11/2023 Reported Date : 15/11/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤0.25
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.28	≤5
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤0.005
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06	≤1

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [3 Bottle]]


Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

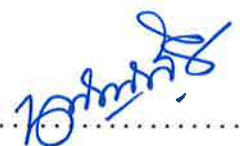
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ค-0018) *

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

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
15/11/2023



Approved By : 
(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
15/11/2023

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

Test Report

Request No : W6611100

Report No : 6611-1070

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3**

Sample No : W 66110477

Sample Name : Holding Pond (Effluent)**

Sampling Date : 03/11/2023**

Sampling By : ETC**

Sampling Time : 10:05 AM**

Sampling Method : Grab**

Received Date : 04/11/2023

Tested Date : 06/11/2023 - 11/11/2023

Reported Date : 15/11/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤0.02
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤5

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L [3 Bottle]]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ค-0018) *

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

Examined By : 

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)

15/11/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)

15/11/2023

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Test Report

Request No : W6611100

Report No : 6611- 1070

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66110477

Sample Name : Holding Pond (Effluent)** Sampling Date : 03/11/2023**

Sampling By : ETC** Sampling Time : 10:05 AM**

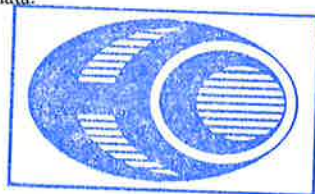
Sampling Method : Grab** Received Date : 04/11/2023

Tested Date : 06/11/2023 - 11/11/2023 Reported Date : 15/11/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	10.1	-
Iron @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	-
Phosphorus *	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	7.39	-
Silver @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Apperance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L [3 Bottle]]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Miss Nunnaphat Bakhuntod is Technical Management.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthance Saiphan *
6. ** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Nunnaphat Bakhuntod)

15/11/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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**PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD**

789/200 Moo 1, Nong-Kham, Sriracha, Chonburi, Thailand 20230
Tel : 033-136-574 to 6 ext. 321 , E-mail : grp-lab@pin-pure.com

REGISTERED LAB NO. 7-341

TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : CLIENT
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 3), Holding Pond
Sampling Date : 03/11/66 **Report No.** : 660001-R1353
Sampling Time : 10.05 AM **Report Date** : 13/11/66
Sample No. : WW 1513/66 **Received Date** : 03/11/66
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L **Analytical Date** : 03/11/66-10/11/66

Item / Parameter	Unit	Method ^{2/}	Result	Standard ^{1/}
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	13	≤20
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	50	≤120
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
pH	-	Electrometric Method (SM 4500-H ⁺ B)	8.5	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM 2550 B)	30.1	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	586	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM 4500-N _{org} B and 4500-NH ₃ C)	12.4	≤100
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	16.8	≤50

Physical Appearance : Green, Turbid, Medium SS**Remark** : ^{1/} Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).^{2/} SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

(Miss Panida Ruamlarp)

7-341-P-0002

13/11/23

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Test Report

Request No : W6612090

Report No : 6612-1127

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66120376

Sample Name : Holding Pond (Effluent)** Sampling Date : 04/12/2023**

Sampling By : ETC** Sampling Time : 10:40 AM**

Sampling Method : Grab** Received Date : 06/12/2023

Tested Date : 06/12/2023 - 18/12/2023 Reported Date : 21/12/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	< 0.0020	≤0.25
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.03
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤2
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN- C, E)	< 0.020	≤0.2

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [3 Bottle]]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ค-0018) *

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

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

21/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

21/12/2023

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Test Report

Request No : W6612090

Report No : 6612-1127

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66120376

Sample Name : Holding Pond (Effluent)** Sampling Date : 04/12/2023**

Sampling By : ETC** Sampling Time : 10:40 AM**

Sampling Method : Grab** Received Date : 06/12/2023

Tested Date : 06/12/2023 - 18/12/2023 Reported Date : 21/12/2023

Parameter	Unit	Method	Result	Standard ¹
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500 -Cr B)	< 0.050	≤ 0.25
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.2
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.15	≤ 5
Mercury #	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.005
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤ 1

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [3 Bottle]]

Remark : 1./1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)


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

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

Examined By : 
(Miss Apiradee Chuen-arom)
(จ-003-ก-0007)
21/12/2023



Approved By : 
(Miss Nunnaphat Bakhuntod)
(จ-003-ก-0005)
21/12/2023

REPORTED  **บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด**
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Test Report

Request No : W6612090

Report No : 6612-1127

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3**

Sample No : W 66120376

Sample Name : Holding Pond (Effluent)**

Sampling Date : 04/12/2023**

Sampling By : ETC**

Sampling Time : 10:40 AM**

Sampling Method : Grab**

Received Date : 06/12/2023

Tested Date : 06/12/2023 - 18/12/2023

Reported Date : 21/12/2023

Parameter	Unit	Method	Result	Standard ¹
Selenium *	mg/L	Digestion, Hydride Generation/AAS Method (SM:3030F, 3114B&C)	< 0.0020	≤ 0.02
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 5

Physical Apperance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [3 Bottle]]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

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 / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan (จ-003-ก-0018) *

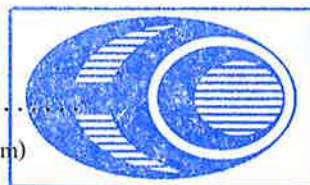
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

21/12/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

21/12/2023

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Test Report

Request No : W6612090

Report No : 6612-1127

Customer : Pinthong Industrial Park Public Company Limited**

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230**

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3** Sample No : W 66120376

Sample Name : Holding Pond (Effluent)** Sampling Date : 04/12/2023**

Sampling By : ETC** Sampling Time : 10:40 AM**

Sampling Method : Grab** Received Date : 06/12/2023

Tested Date : 06/12/2023 - 18/12/2023 Reported Date : 21/12/2023

Parameter	Unit	Method	Result	Standard ¹
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	6.6	-
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	-
Phosphorus *	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	11.6	-
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Appearance : 1. Sample : yellowish, turbid

2. Container : Normal [PE 0.5 L [3 Bottle]]

Remark : 1. /1 Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

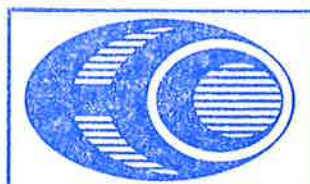
2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

4. Miss Nunnaphat Bakhuntod is Technical Management.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan *

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



Examined By : 

(Miss Nunnaphat Bakhuntod)

21/12/2023

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TEST REPORT

Customer Name : Pinthong Industrial Park Public Co., Ltd
Address : 789 Moo 1, Nong Koh-Laem Chabang Road, T. Nong-Kham, A. Sriracha, Chonburi 20230 Thailand
Sampling By : CLIENT
Sampling Method : GRAB
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 3), Holding Pond
Sampling Date : 04/12/66 **Report No.** : 660001-R1687
Sampling Time : 10.40 AM **Report Date** : 15/12/66
Sample No. : WW 1875/66 **Received Date** : 04/12/66
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L **Analytical Date** : 04/12/66-13/12/66

Item / Parameter	Unit	Method ^{2/}	Result	Standard ^{1/}
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	<5	≤20
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	52	≤120
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
pH	-	Electrometric Method (SM 4500-H ⁺ B)	8.9	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM 2550 B)	30.8	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	486	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM 4500-N _{org} B and 4500-NH ₃ C)	<10	≤100
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	17.6	≤50

Physical Appearance : Yellow, Turbid

Remark : ^{1/} Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).

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

Approved by :



(Miss Panida Ruamrarp)



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

๓-341-P-0002

15/12/23

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 3)** Sample No. : W 66082127
Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (SW1)** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 10:10 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 – 02/09/2023 Reported Date : 15/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0206	≤ 0.01
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 4
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	160,000	-
Copper *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN-C, E)	0.001	≤ 0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500-O C)	< 0.3	≥ 2
Flow Rate *	m ³ /day	Calculation Method	673.0	-
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05

Physical Appearance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L (4 Bottle), PE 1.0 L, PE 1.3 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. # = 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 Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detect on Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By: 
(Miss Nunnaphat Bakhuntod)

15/09/2023

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

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 3)** Sample No. : W 66082127
Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (SW1)** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 10:10 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 – 02/09/2023 Reported Date : 15/09/2023

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05
Manganese *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.33	≤ 1
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
pH (on site) *		Electrometric Method	7.4	5.0-9.0
Silver *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Temperature *	°C	Laboratory and Field Method	28	๓ **
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L (4 Bottle), PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. # = 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 Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๓ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Nunnaphat Bakhuntod)

15/09/2023

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WITHOUT THE WRITTEN APPROVAL LABORATORY

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 3)** Sample No. : W 66082128
Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (SW2)** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 9:50 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 – 05/09/2023 Reported Date : 15/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0390	≤ 0.01
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	21.0	≤ 4
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	>160,000	-
Copper *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN-C, E)	0.001	≤ 0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500-O C)	< 0.3	≥ 2
Flow Rate *	m ³ /day	Calculation Method	466.0	-
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05

Physical Appearance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L (4 Bottle), PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
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3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ** = คุณหมูนึ่งของน้ำจะต้องไม่สูงกว่าคุณหมูนึ่งตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited - Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data



Examined By.....
(Miss Nunnaphat Bakhuntod)

15/09/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 3)** Sample No. : W 66082128
Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (SW2)** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 9:50 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 – 05/09/2023 Reported Date : 15/09/2023

Parameter	Unit	Method	Result	Standard ¹
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05
Manganese *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.13	≤ 1
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
pH (on site) *		Electrometric Method	7.3	5.0-9.0
Silver *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Temperature *	°C	Laboratory and Field Method	29	ท **
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

Physical Apperance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L (4 Bottle), PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
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3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ท ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Songpon Phiwan*
9. ** These data are non laboratory data.



Examined By.....
(Miss Nunnaphat Bakhuntod)
15/09/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 3)** Sample No. : W 66082129
Sample Name : คลองห้วยสะพาน (SW3)** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 10:00 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 – 02/09/2023 Reported Date : 15/09/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0182	≤ 0.01
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 4
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	92,000	
Copper *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN-C, E)	0.001	≤ 0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500-O C)	< 0.3	≥ 2
Flow Rate *	m ³ /day	Calculation Method	423.0	
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05

Physical Appearance : 1. Sample : yellow, turbid
2. Container : Normal [PE 0.5 L (4 Bottle), PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
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3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Songpon Phiwan*
9. ** These data are non laboratory data.



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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 3)** Sample No. : W 66082129
Sample Name : คลองห้วยสะพาน (SW3)** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 10:00 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 – 02/09/2023 Reported Date : 15/09/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05
Manganese *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.27	≤ 1
Mercury *	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002
Nickel *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
pH (on site) *		Electrometric Method	7.6	5.0-9.0
Silver *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Temperature *	°C	Laboratory and Field Method	28	๓ **
Zinc *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

Physical Appearance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L (4 Bottle), PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
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3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๓ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan*
9. ** These data are non laboratory data.



Examined By.....

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15/09/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 3)** Sample No. : W 66082130
Sample Name : คลองห้วยมะนาว (SW4)** Sampling Date : 25/08/2023**
Sampling By : ETC** Sampling Time : 8:20 AM**
Sampling Method : Grab** Received Date : 26/08/2023
Tested Date : 26/08/2023 – 02/09/2023 Reported Date : 15/09/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0444	≤ 0.01
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.2	≤ 4
Cadmium *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	160,000	-
Copper *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN-C, E)	0.001	≤ 0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500-O C)	< 0.3	≥ 2
Flow Rate *	m ³ /day	Calculation Method	108.0	-
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05

Physical Appearance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L (4 Bottle), PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
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3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิมาตรฐานธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Songpon Phiwan*
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Examined By.....
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15/09/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 3)** Sample No. : W 66111591
Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (SW1)** Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 9:00 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 25/11/2023 Reported Date : 28/11/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0164	≤ 0.01
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.4	≤ 4
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	160,000	-
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN-C, E)	0.001	≤ 0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500-O C)	8.6	≥ 2
Flow Rate *	m ³ /day	Calculation Method	not available	-
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05

Physical Appearance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L (4 Bottle), PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 . B.E. 2537 (1994), Class 4
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 Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data.



Examined By.....
(Miss Nunnaphat Bakhuntod)

28/11/2023

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TEST REPORT

Customer	:	Pinthong Industrial Park Public Company Limited**	Sample No.	:	W 66111591
Address	:	789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**	Sampling Date	:	17/11/2023**
Sampling Source	:	Surface Water (Pinthong Project 3)**	Sampling Time	:	9:00 AM**
Sample Name	:	บริเวณอ่างเก็บน้ำห้วยสะพาน (SW1)**	Received Date	:	18/11/2023
Sampling By	:	ETC**	Reported Date	:	28/11/2023
Sampling Method	:	Grab**			
Tested Date	:	18/11/2023 – 25/11/2023			

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.54	≤ 1
Mercury #	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
pH (on site) *		Electrometric Method	7.2	5.0-9.0
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Temperature *	°C	Laboratory and Field Method	26	๓ **
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

Physical Apperance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L (4 Bottle), PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๓ ** = คุณภาพของน้ำจะต้องไม่สูงกว่าคุณภาพมาตรฐานชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data.



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WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By.....

(Miss Nunnaphat Bakhuntod)

28/11/2023

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 3)** Sample No. : W 66111592
Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (SW2)** Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 9:54 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 06/12/2023 Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0138	≤ 0.01
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 4
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	>160,000	-
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN-C, E)	0.001	≤ 0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500-O C)	8.2	≥ 2
Flow Rate *	m ³ /day	Calculation Method	2,507	-
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05

Physical Appearance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L (4 Bottle), PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
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 Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. * = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data.



Examined By.....
(Miss Nunnaphat Bakhuntod)

06/12/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 3)** Sample No. : W 66111592
Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (SW2)** Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 9:54 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 06/12/2023 Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.85	≤ 1
Mercury #	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
pH (on site) *		Electrometric Method	7.6	5.0-9.0
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Temperature *	°C	Laboratory and Field Method	27	๓ **
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

Physical Appearance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L (4 Bottle), PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
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 Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๓ ** = คุณภูมิของน้ำจะต้องไม่สูงกว่าคุณภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Parkpoom Buasawad*
9.** These data are non laboratory data.



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Examined By.....
(Miss Nunnaphat Bakhuntod)

06/12/2023

TEST REPORT

Customer	Pinthong Industrial Park Public Company Limited**	Sample No.	: W 66111593
Address	789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**	Sampling Date	: 17/11/2023**
Sampling Source	Surface Water (Pinthong Project 3)**	Sampling Time	: 10:20 AM**
Sample Name	คลองห้วยสะพาน (SW3)**	Received Date	: 18/11/2023
Sampling By	ETC**	Reported Date	: 28/11/2023
Sampling Method	Grab**		
Tested Date	18/11/2023 – 25/11/2023		

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0112	≤ 0.01
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 4
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	160,000	-
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN-C, E)	0.002	≤ 0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500-O C)	8.2	≥ 2
Flow Rate *	m ³ /day	Calculation Method	4,179	-
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05

Physical Appearance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L (4 Bottle), PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. * = คุณภาพของน้ำจะต้องไม่สูงกว่าคุณภาพตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited : Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data



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(Miss Nunnaphat Bakhuntod)

28/11/2023

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TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 3)** Sample No. : W 66111593
Sample Name : คลองห้วยสะพาน (SW3)** Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 10:20 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 25/11/2023 Reported Date : 28/11/2023

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.44	≤ 1
Mercury #	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
pH (on site) *		Electrometric Method	7.5	5.0-9.0
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	
Temperature *	°C	Laboratory and Field Method	26	๓ **
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L (4 Bottle), PE 1.0 L, PE 1.8 L, G 0.25 L]

- Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
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 Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๓ ** = คุณภูมิของน้ำจะต้องไม่สูงกว่าคุณภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Parkpoom Buasawad*
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Examined By.....
(Miss Nunnaphat Bakhuntod)

28/11/2023

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Request No. W6611477

Report No. 6611-2068

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 3)** Sample No. : W 66111594
Sample Name : คลองห้วยมะนาว (SW4)** Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 9:30 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 06/12/2023 Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0414	≤ 0.01
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	17.0	≤ 4
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	92,000	-
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
Cyanide *	mg/L as HCN	Distillation, Colorimetric Method (SM:4500 CN-C, E)	0.001	≤ 0.005
Dissolved Oxygen *	mg/L	Azide Modification Method (SM:4500-O C)	7.3	≥ 2
Flow Rate *	m ³ /day	Calculation Method	not available	-
Hexavalent Chromium *	mg/L as Cr ⁶⁺	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05

Physical Appearance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L (4 Bottle), PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
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4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited : Sampling By Mr. Parkpoom Buasawad*
9.** These data are non laboratory data



Examined By.....

(Miss Nunnaphat Bakhuntod)

06/12/2023

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Request No. W6611477

Report No. 6611-2068

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited**
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230**
Sampling Source : Surface Water (Pinthong Project 3)** Sample No. : W 66111594
Sample Name : คลองห้วยมะนาว (SW4)** Sampling Date : 17/11/2023**
Sampling By : ETC** Sampling Time : 9:30 AM**
Sampling Method : Grab** Received Date : 18/11/2023
Tested Date : 18/11/2023 – 06/12/2023 Reported Date : 06/12/2023

Parameter	Unit	Method	Result	Standard ¹
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.010	≤ 0.05
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.20	≤ 1
Mercury #	mg/L	Cold-Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010	≤ 0.002
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.1
pH (on site) *		Electrometric Method	7.4	5.0-9.0
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Temperature *	°C	Laboratory and Field Method	28	๗ **
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1

Physical Appearance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L (4 Bottle), PE 1.0 L, PE 1.8 L, G 0.25 L]

Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
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3. Miss Nunnaphat Bakhuntod is Technical Management.
4. MDL = Method Detection Limit [MDL of Cyanide = 0.008 mg/L]
5. Parameter Outside The Scope of The Registration of Department of Industrial Works
6. ๗ ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
7. *** Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร
8. * = Test Report/Sampling marked Not Accredited. Sampling By Mr. Parkpoom Buasawad*
9. ** These data are non laboratory data.



Examined By: 
(Miss Nunnaphat Bakhuntod)

06/12/2023

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Test Report

Request No : W6608582

Report No : 6609-2170

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 3)

Sample No : W 66082139

Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (S1)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 26/09/2023

Reported Date : 02/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	11.8	≤ 10
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	< 0.15	≤ 1
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	-
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	2.78	≤ 36
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	87.4	-
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤ 0.2
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	1.63	≤ 23

Physical Appearance : 1. Sample : brown, soil

2. Container : 3ag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

2. Sampling By Mr. Songpon Pniwuan (ว-003-ค-0016)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

02/10/2023



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Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

02/10/2023

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683 หมู่ 11 ต.สุขาภิบาล 8 ต.หนองขาม อ.ศรีราชา จ.ชลบุรี 20230
โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095
เว็บไซต์ : <http://www.etc1992.com> อี-เมลล์ : info@etc1992.com

ACCREDITED LABORATORY
ISO/IEC 17025

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
Website : <http://www.etc1992.com> E-mail : info@etc1992.com

Test Report

Request No : W6608582

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6609-2170

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 3)

Sample No : W 66082139

Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (S1)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 26/09/2023

Reported Date : 02/10/2023

Parameter	Unit	Method	Result	Standard ¹
Silver (Ag)	mg/kg	Digestion, Inductively Coupled Plasma	< 2.50	-

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

2. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)

02/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)

02/10/2023

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Test Report

Request No : W6608582

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6609-2170

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 3)

Sample No : W 66082139

Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (S1)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 26/09/2023

Reported Date : 02/10/2023

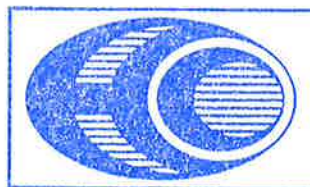
Parameter	Unit	Method	Result	Standard/I
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	2.49	≤31.5

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. Parameter Outside The Scope of The Registration of Department of Industrial Works

2. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORYExamined By : 

(Miss Apiradee Chuen-arom)

02/10/2023



Test Report

Request No : W6608582

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6609-2172

Address : 789 Moo 1 Nong Koli - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 3)

Sample No : W 66082141

Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (S2)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 26/09/2023

Reported Date : 02/10/2023

Parameter	Unit	Method	Result	Standard ¹
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	10.3	≤10
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	< 0.15	≤1
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	< 2.00	-
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	2.35	≤36
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	126	-
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	< 0.20	≤0.2
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	< 1.00	≤23

Physical Appearance : 1. Sample : brown, soil

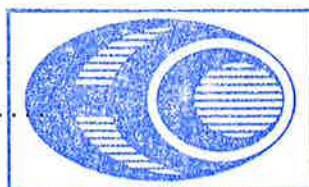
2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

2. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : (Miss Apiradee Chuen-arom)
(ว-003-ค-0007)

02/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : (Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)

02/10/2023

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Test Report

Request No : W6608582

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6609-2172

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 3)

Sample No : W 66082141

Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (S2)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 26/09/2023

Reported Date : 02/10/2023

Parameter	Unit	Method	Result	Standard/ ¹
Silver (Ag)	mg/kg	Digestion, Inductively Coupled Plasma	< 2.50	-

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

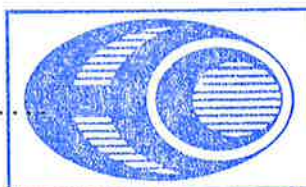
Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

2. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By :

(Miss Apiradee Chuen-arom)
 (ว-003-ค-0007)

02/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
 (ว-003-ค-0005)

02/10/2023

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 โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095
 เว็บไซต์ : http://www.etc1992.com อี-เมล : info@etc1992.com

ACCREDITED LABORATORY
 ISO/IEC 17025

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 Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
 Website : http://www.etc1992.com E-mail : info@etc1992.com

Test Report

Request No : W6608582

Report No : 6609-2172

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koli - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 3)

Sample No : W 66082141

Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (S2)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 26/09/2023

Reported Date : 02/10/2023

Parameter	Unit	Method	Result	Standard ¹
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	4.18	≤31.5

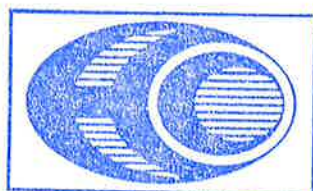
Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

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

3. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

02/10/2023

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Test Report

Request No : W6608582

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6609-2171

Address : 789 Moo 1 Nong Koi - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 3)

Sample No : W 66082140

Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (S1)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 05/09/2023

Reported Date : 02/10/2023

Parameter	Unit	Method	Result
Arsenic	ng/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.56
Cadmium	ng/L	Waste Extraction,Digestion,Inductively Coupled Plasma	< 0.02
Hexavalent Chromium	ng/L as Cr ⁶⁺	Waste Extraction,Colorimetric Method	< 0.050
Lead	ng/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.07
Manganese	ng/L	Waste Extraction,Digestion,Inductively Coupled Plasma	6.07

Physical Apperance : 1. Sample : brown, soil

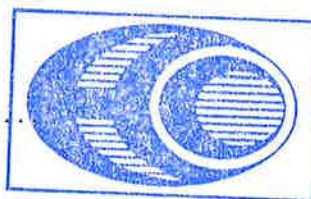
2. Container : Bag

Remark : 1. Sampling By Mr. Songpon Phuwuan (ว-003-ก-0016)

Examined By :

 (Miss Apiradee Chuen-arom)
 (ว-003-ก-0007)

02/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

 (Miss Nunnaphat Bakhuntod)
 (ว-003-ก-0005)

02/10/2023

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 เว็บไซต์ : <http://www.etc1992.com> อี-เมล : info@etc1992.com

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 Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095
 Website : <http://www.etc1992.com> E-mail : info@etc1992.com

Test Report

Request No : W6608582

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6609-2171

Address : 789 Moo 1 Nong Kol - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 3)

Sample No : W 66082140

Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (S1)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 05/09/2023

Reported Date : 02/10/2023

Parameter	Unit	Method	Result
Mercury	ng/L	Waste Extraction,Digestion,Cold - Vapor Atomic Absorption Spectrometric	< 0.0010
Nickel	ng/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.02
Silver	ng/L	Waste Extraction,Digestion,Inductively Coupled Plasma	< 0.05

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

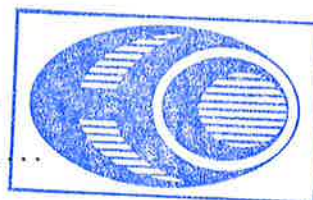
Remark : 1. Sampling By Mr. Songpon Phiwuan (จ-003-ค-0016)

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

02/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

02/10/2023

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Test Report

Request No : W6608582

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6609-2171

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 3)

Sample No : W 66082140

Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (S1)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 05/09/2023

Reported Date : 02/10/2023

Parameter	Unit	Method	Result
Copper	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.07

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. Parameter Outside The Scope of The Registration of Department of Industrial Works

2. Sampling By Mr. Songpon Phiwan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

02/10/2023



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 Website : <http://www.etc1992.com> E-mail : info@etc1992.com

Test Report

Request No : W6608582

Report No : 6609-2173

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koli - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 3)

Sample No : W 66082142

Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (S2)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 05/09/2023

Reported Date : 02/10/2023

Parameter	Unit	Method	Result
Arsenic	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.67
Cadmium	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	< 0.02
Hexavalent Chromium	mg/L as Cr ⁶⁺	Waste Extraction,Colorimetric Method	< 0.050
Lead	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.12
Manganese	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	9.92

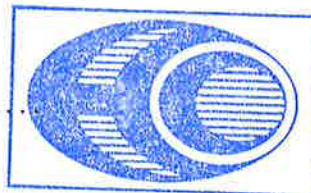
Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. Sampling By Mr. Songpon Phiwan (ว-003-ค-0016)

Examined By : (Miss Apiradee Chuen-arom)
(ว-003-ค-0007)

02/10/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : (Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)

02/10/2023

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**Test Report**

Request No : W6608582

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6609-2173

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 3)

Sample No : W 66082142

Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (S2)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 05/09/2023

Reported Date : 02/10/2023

Parameter	Unit	Method	Result
Mercury	ng/L	Waste Extraction,Digestion,Cold - Vapor Atomic Absorption Spectrometric	< 0.0010
Nickel	ng/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.03
Silver	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	< 0.05

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

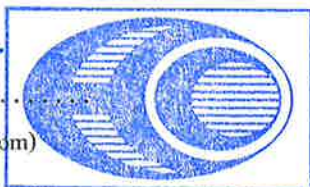
Remark : 1. Sampling By Mr. Songpon Phiwan (ว-003-ค-0016)

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

02/10/2023



Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

02/10/2023

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**Test Report**

Request No : W6608582

Customer : Pinthong Industrial Park Public Company Limited

Report No : 6609-2173

Address : 789 Moo 1 Nong Koh - Laem Chabang Rd., Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 3)

Sample No : W 66082142

Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (S2)

Sampling Date : 25/08/2023

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 26/08/2023

Tested Date : 02/09/2023 - 05/09/2023

Reported Date : 02/10/2023

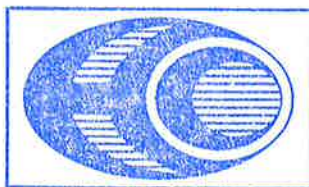
Parameter	Unit	Method	Result
Copper	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.10

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1. Parameter Outside The Scope of The Registration of Department of Industrial Works

2. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Examined By :

(Miss Apiradee Chuen-arom)

02/10/2023

Request No. W6608534

Report No. 6609-0149

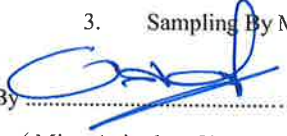
TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 3) Sample No. : W66081970
Sample Name : วัดเขาตะแบก (UW 1) Sampling Date : 23/08/2023
Sampling By : ETC Sampling Time : 11:35 AM
Sampling Method : Grab Received Date : 24/08/2023
Tested Date : 24/08/2023 – 30/08/2023 Reported Date : 04/09/2023


Parameter	Unit	Method	Result	Standard ¹⁾
Volatile Organic Compounds				
- Benzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Carbon tetrachloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 5
- 1,2-Dichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- 1,1-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 7
- cis-1,2-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 70
- trans-1,2-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 100
- Ethylbenzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 700
- Styrene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	≤ 100
- Tetrachloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Toluene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 1,000
- 1,2,4-Trichlorobenzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	—
- 1,1,1-Trichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 200
- 1,1,2-Trichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Trichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Vinyl Chloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 2
- p, m-Xylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	—
- o-Xylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	—
- Xylene total	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	≤ 10,000
- Methylene Chloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 2.000	≤ 5

Physical Appearance 1. Sample : lightly SS
2. Container : Normal [G 2.5 L]

Remark : 1. /1 Ground Water Standard Notification of the Ministry of Environment Board No. 20 , B.E. 2543 (2000)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Sampling By Mr. Supharek Phatklang (จ-003-ค-0031)

Examined By 
(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
04/09/2023



Approved By 
(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
04/09/2023

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Request No. W6608534

Report No. 6609-0150

TEST REPORT

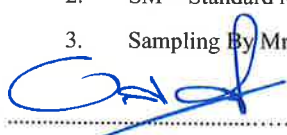
Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 3)
Sample Name : บำบัดน้ำเสีย (UW2)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 24/08/2023 – 30/08/2023

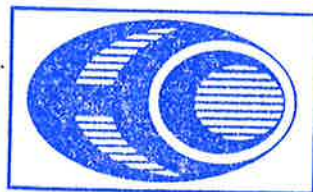
Sample No. : W66081971
Sampling Date : 23/08/2023
Sampling Time : 8:35 AM
Received Date : 24/08/2023
Reported Date : 04/09/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Volatile Organic Compounds				
- Benzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Carbon tetrachloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 5
- 1,2-Dichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- 1,1-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 7
- cis-1,2-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 70
- trans-1,2-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 100
- Ethylbenzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 700
- Styrene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	≤ 100
- Tetrachloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Toluene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 1,000
- 1,2,4-Trichlorobenzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	—
- 1,1,1-Trichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 200
- 1,1,2-Trichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Trichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Vinyl Chloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 2
- p, m-Xylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	—
- o-Xylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	—
- Xylene total	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	≤ 10,000
- Methylene Chloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 2.000	≤ 5


Physical Appearance 1. Sample : lightly SS
2. Container : Normal [G 2.5 L]

Remark : 1. /1 Ground Water Standard Notification of the Ministry of Environment Board No. 20 , B.E. 2543 (2000)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Sampling By Mr. Supharerk Phatklang (จ-003-ค-0031)

Examined By 
(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
04/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
04/09/2023

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Request No. W6608534

Report No. 6609-0151

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited

Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230

Sampling Source : Pinthong Industrial Park (Project 3)

Sample No. : W66081972

Sample Name : บ้านห้วยเหียน (UW 3)

Sampling Date : 23/08/2023

Sampling By : ETC

Sampling Time : 11:55 AM

Sampling Method : Grab

Received Date : 24/08/2023

Tested Date : 24/08/2023 – 30/08/2023

Reported Date : 04/09/2023

Parameter	Unit	Method	Result	Standard ¹
Volatile Organic Compounds				
- Benzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Carbon tetrachloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 5
- 1,2-Dichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- 1,1-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 7
- cis-1,2-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 70
- trans-1,2-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 100
- Ethylbenzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 700
- Styrene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	≤ 100
- Tetrachloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Toluene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 1,000
- 1,2,4-Trichlorobenzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	—
- 1,1,1-Trichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 200
- 1,1,2-Trichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Trichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Vinyl Chloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 2
- p, m-Xylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	—
- o-Xylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	—
- Xylene total	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	≤ 10,000
- Methylene Chloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 2.000	≤ 5

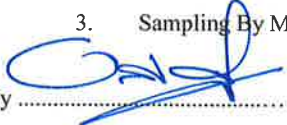
Physical Appearance 1. Sample : lightly SS

2. Container : Normal [G 2.5 L]

Remark : 1. /1 Ground Water Standard Notification of the Ministry of Environment Board No. 20, B.E. 2543 (2000)

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

3. Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)

Examined By 
(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

04/09/2023



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Approved By 
(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

04/09/2023

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Request No. W6608534

Report No. 6609-0152


TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 3)
Sample Name : พื้นที่โครงการ Down Gradient (UW 4)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 24/08/2023 – 30/08/2023
Sample No. : W66081973
Sampling Date : 23/08/2023
Sampling Time : 11:15 AM
Received Date : 24/08/2023
Reported Date : 04/09/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Volatile Organic Compounds				
- Benzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Carbon tetrachloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 5
- 1,2-Dichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- 1,1-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 7
- cis-1,2-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 70
- trans-1,2-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 100
- Ethylbenzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 700
- Styrene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	≤ 100
- Tetrachloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Toluene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 1,000
- 1,2,4-Trichlorobenzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	—
- 1,1,1-Trichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 200
- 1,1,2-Trichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Trichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Vinyl Chloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 2
- p, m-Xylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	—
- o-Xylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	—
- Xylene total	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	≤ 10,000
- Methylene Chloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 2.000	≤ 5


Physical Appearance 1. Sample : yellowish, turbid
2. Container : Normal [G 2.5 L]

Remark : 1. /1 Ground Water Standard Notification of the Ministry of Environment Board No. 20 , B.E. 2543 (2000)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Sampling By Mr. Supharek Phatklang (จ-003-ค-0031)

Examined By 
(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
04/09/2023



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Approved By 
(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
04/09/2023

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Request No. W6608534

Report No. 6609-0153

TEST REPORT

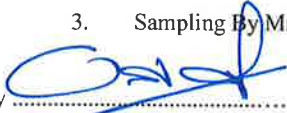
Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 3)
Sample Name : พื้นที่โครงการ Down Gradient (UW 5)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 24/08/2023 – 30/08/2023

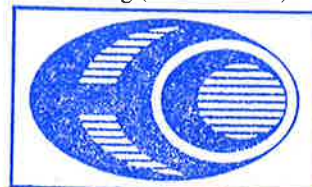
Sample No. : W66081974
Sampling Date : 23/08/2023
Sampling Time : 10:50 AM
Received Date : 24/08/2023
Reported Date : 04/09/2023

Parameter	Unit	Method	Result	Standard ¹
Volatile Organic Compounds				
- Benzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Carbon tetrachloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 5
- 1,2-Dichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- 1,1-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 7
- cis-1,2-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 70
- trans-1,2-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 100
- Ethylbenzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 700
- Styrene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	≤ 100
- Tetrachloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Toluene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 1,000
- 1,2,4-Trichlorobenzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	—
- 1,1,1-Trichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 200
- 1,1,2-Trichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Trichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Vinyl Chloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 2
- p, m-Xylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	—
- o-Xylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	—
- Xylene total	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	≤ 10,000
- Methylene Chloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 2.000	≤ 5


Physical Appearance 1. Sample : yellowish, lightly SS
2. Container : Normal [G 2.5 L]

Remark : 1. /1 Ground Water Standard Notification of the Ministry of Environment Board No. 20 , B.E. 2543 (2000)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)

Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ค-0007)
04/09/2023



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Approved By 
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-0005)
04/09/2023

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Request No. W6608534

Report No. 6609-0154

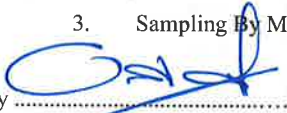
TEST REPORT

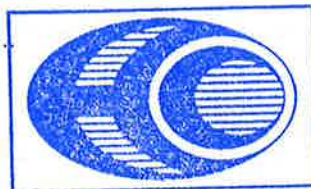
Customer : Pinthong Industrial Park Public Company Limited
 Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
 Sampling Source : Pinthong Industrial Park (Project 3) Sample No. : W66081975
 Sample Name : พื้นที่โครงการ Down Gradient (UW 6) Sampling Date : 23/08/2023
 Sampling By : ETC Sampling Time : 11:05 AM
 Sampling Method : Grab Received Date : 24/08/2023
 Tested Date : 24/08/2023 – 30/08/2023 Reported Date : 04/09/2023


Parameter	Unit	Method	Result	Standard ¹⁾
Volatile Organic Compounds				
- Benzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Carbon tetrachloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 5
- 1,2-Dichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- 1,1-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 7
- cis-1,2-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 70
- trans-1,2-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 100
- Ethylbenzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 700
- Styrene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	≤ 100
- Tetrachloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Toluene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 1,000
- 1,2,4-Trichlorobenzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	—
- 1,1,1-Trichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 200
- 1,1,2-Trichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Trichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Vinyl Chloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 2
- p, m-Xylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	—
- o-Xylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	—
- Xylene total	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	≤ 10,000
- Methylene Chloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 2.000	≤ 5

Physical Appearance 1. Sample : lightly SS
 2. Container : Normal [G 2.5 L]

Remark : 1. /1 Ground Water Standard Notification of the Ministry of Environment Board No. 20 , B.E. 2543 (2000)
 2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
 3. Sampling By Mr. Supharerk Phatklang (ว-003-ท-0031)

Examined By 
 (Miss Apiradee Chuen-arom)
 (ว-003-ท-0007)
 04/09/2023



Approved By 
 (Miss Nunnaphat Bakhuntod)
 (ว-003-ท-0005)
 04/09/2023

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Request No. W6608534

Report No. 6609-0155

TEST REPORT

Customer : Pinthong Industrial Park Public Company Limited
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230
Sampling Source : Pinthong Industrial Park (Project 3)
Sample Name : พื้นที่โครงการ Down Gradient (UW 7)
Sampling By : ETC
Sampling Method : Grab
Tested Date : 24/08/2023 – 30/08/2023

Sample No. : W66081976
Sampling Date : 23/08/2023
Sampling Time : 10:35 AM
Received Date : 24/08/2023
Reported Date : 04/09/2023

Parameter	Unit	Method	Result	Standard ¹
Volatile Organic Compounds				
- Benzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Carbon tetrachloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 5
- 1,2-Dichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- 1,1-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 7
- cis-1,2-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 70
- trans-1,2-Dichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 100
- Ethylbenzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 700
- Styrene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	≤ 100
- Tetrachloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Toluene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 1,000
- 1,2,4-Trichlorobenzene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	—
- 1,1,1-Trichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 200
- 1,1,2-Trichloroethane	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Trichloroethylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.500	≤ 5
- Vinyl Chloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.250	≤ 2
- p, m-Xylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	—
- o-Xylene	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	—
- Xylene total	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 1.000	≤ 10,000
- Methylene Chloride	µg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 2.000	≤ 5

Physical Appearance 1. Sample : lightly SS
2. Container : Normal [G 2.5 L]

Remark : 1. /1 Ground Water Standard Notification of the Ministry of Environment Board No. 20 , B.E. 2543 (2000)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
3. Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)

Examined By 
(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

04/09/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

04/09/2023

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