

## ภาคผนวก

ภาคผนวกที่	1	ผลการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม
ภาคผนวกที่	2	เอกสารขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน และใบอนุญาตเป็นผู้ให้บริการตรวจวัดและวิเคราะห์ระดับความเข้มข้นของสารเคมีอันตรายในบรรยากาศของสถานที่ทำงานและสถานที่เก็บรักษาสารเคมีอันตราย ระดับความร้อน แสงสว่าง และเสียง จากกรมสวัสดิการและคุ้มครองแรงงาน
ภาคผนวกที่	3	ใบรับรองความสามารถห้องปฏิบัติการวิเคราะห์
ภาคผนวกที่	4	สรุปเอกสารสอบเทียบอุปกรณ์เครื่องมือ
ภาคผนวกที่	5	เอกสาร Detection Limit ของรายการทดสอบต่างๆ
ภาคผนวกที่	6	ผลการพิจารณารายงานการเปลี่ยนแปลงเปลี่ยนแปลงรายละเอียดโครงการในรายงานการประเมินผลกระทบสิ่งแวดล้อมโครงการนิคมอุตสาหกรรมปิ่นทอง (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 2567
ภาคผนวกที่	12	ภาพถ่ายการช่วยเหลือชุมชนที่ตั้งอยู่ใกล้เคียงโดยรอบโครงการ ประจำเดือนมกราคม-มิถุนายน 2567 และสรุปผลการสำรวจความคิดเห็นของชุมชน ประจำปี 2566
ภาคผนวกที่	13	อัตราการระบายมลพิษทางอากาศ
ภาคผนวกที่	14	ผลการตรวจวัดปริมาณสารเคมี VOCs และสภาพแวดล้อมในการทำงานของโรงงานต่างๆ ภายในโครงการ
ภาคผนวกที่	15	การคำนวณค่าปรับในการบำบัดน้ำเสีย “นิคมอุตสาหกรรมปิ่นทอง โครงการ 3”
ภาคผนวกที่	16	ผลการตรวจวิเคราะห์คุณภาพน้ำทิ้งจากโรงงานภายในนิคมอุตสาหกรรมปิ่นทอง โครงการ 3 ประจำเดือนมกราคม-มิถุนายน 2567
ภาคผนวกที่	17	แผนการชุดล่อกล่ารางวัลสาธารณะ ประจำปี 2567
ภาคผนวกที่	18	บันทึกปริมาณขยะมูลฝอยของโรงงาน
ภาคผนวกที่	19	ใบกำกับการณ์ขนส่งของเสียอันตราย (Manifest Form)
ภาคผนวกที่	20	ขั้นตอนรับเรื่องร้องเรียน (แสดงดังรูปที่ 1)
ภาคผนวกที่	21	สายบังคับบัญชาของระดับภาวะฉุกเฉินทั้ง 3 ระดับ (แสดงดังรูปที่ 2 ถึงรูปที่ 5)
ภาคผนวกที่	22	มาตรการด้านความปลอดภัย และแผนฉุกเฉินกรณีเกิดอุบัติเหตุหรือเพลิงไหม้

## ภาคผนวก (ต่อ)

ภาคผนวกที่	23	แผนการฝึกซ้อมดับเพลิงร่วมกับเทศบาลนครเจ้าพระยาสุรศักดิ์ ประจำปี 2567 และการซ้อมแผนฉุกเฉินร่วมกับโรงงาน ประจำปี 2566
ภาคผนวกที่	24	ตัวอย่างมาตรการด้านความปลอดภัย และแผนฉุกเฉินของโรงงานต่างๆ ภายในโครงการ
ภาคผนวกที่	25	ตัวอย่างการฝึกซ้อมแผนฉุกเฉินของโรงงานในนิคมอุตสาหกรรม ประจำปี 2566
ภาคผนวกที่	26	แผนการจัดสัปดาห์ความปลอดภัย ประจำปี 2567
ภาคผนวกที่	27	เอกสารการตรวจสอบสภาพของอุปกรณ์/เครื่องจักร และระบบไฟฟ้าของโรงงานอุตสาหกรรม
ภาคผนวกที่	28	แผนฉุกเฉินกรณีเกิดการรั่วไหลหรือไฟไหม้ของโรงงานที่เก็บกักก๊าซ LPG
ภาคผนวกที่	29	ผังแม่บทโครงการ
ภาคผนวกที่	30	แผนดูแลพื้นที่สีเขียว และสรุปการดำเนินการพื้นที่สีเขียวแนวกันชน ประจำปี 2567
ภาคผนวกที่	31	ปริมาณการใช้น้ำประปาของโรงงาน ประจำปีเดือนมกราคม-มิถุนายน 2567
ภาคผนวกที่	32	สถิติปริมาณการใช้ไฟฟ้าของโรงงานอุตสาหกรรม ประจำปี 2566
ภาคผนวกที่	33	ข้อมูลทางด้านสาธารณสุข ประจำปี 2566
ภาคผนวกที่	34	บันทึกสถิติอุบัติเหตุของโรงงานต่างๆ ภายในโครงการ
ภาคผนวกที่	35	ผลการตรวจสอบสภาพพนักงานของโรงงานต่างๆ ภายในโครงการ
ภาคผนวกที่	36	ข้อมูลการนำน้ำที่ผ่านการบำบัดกลับมาใช้ประโยชน์ ประจำปีเดือนมกราคม-มิถุนายน 2567
ภาคผนวกที่	37	โครงสร้างคณะทำงานเพื่อบริหารและจัดการของเสีย
ภาคผนวกที่	38	เอกสารแสดงตำแหน่งบ่อน้ำ
ภาคผนวกที่	39	แผนการจัดประชุมเจ้าหน้าที่ด้านความปลอดภัยของโรงงานอุตสาหกรรมต่างๆ ในนิคมอุตสาหกรรมฯ ประจำปี 2567 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 ประจำปีเดือนมกราคม-มิถุนายน 2567
ภาคผนวกที่	45	บัญชีรายละเอียด (Manifest) น้ำเสียของโรงงานที่มีการส่งน้ำเสียส่งกำจัด ภายนอกโรงงาน

ภาคผนวกที่ 1

ผลการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม

Request No. ATR6703055

Report No. 6703-1253 - 6703-1259

## 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 : 29/03/2024 SAMPLE NO. : A67031253 - A67031259  
TESTED DATE : 29/03/2024-05/04/2024 REPORTED DATE : 06/04/2024

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD <sup>/1</sup>	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	18-19/03/2024	0.052	0.33	mg/m <sup>3</sup>
		19-20/03/2024	0.055	0.33	mg/m <sup>3</sup>
		20-21/03/2024	0.085	0.33	mg/m <sup>3</sup>
		21-22/03/2024	0.073	0.33	mg/m <sup>3</sup>
		22-23/03/2024	0.045	0.33	mg/m <sup>3</sup>
		23-24/03/2024	0.043	0.33	mg/m <sup>3</sup>
		24-25/03/2024	0.036	0.33	mg/m <sup>3</sup>

## REMARK:

<sup>/1</sup> 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)

Approved By 

(Miss Thanatporn Klinsohon)

06/04/2024

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Request No. ATR6703055

Report No. 6703-1246 - 6703-1252

## 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 : 29/03/2024 SAMPLE NO. : A67031246 - A67031252  
TESTED DATE : 29/03/2024-05/04/2024 REPORTED DATE : 06/04/2024

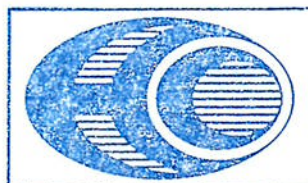
PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD <sup>1/</sup>	UNIT
Particulate matter less than or Equal					
10 micrometers (PM 10)	Gravimetric Method	18-19/03/2024	0.046	0.12	mg/m <sup>3</sup>
		19-20/03/2024	0.051	0.12	mg/m <sup>3</sup>
		20-21/03/2024	0.044	0.12	mg/m <sup>3</sup>
		21-22/03/2024	0.050	0.12	mg/m <sup>3</sup>
		22-23/03/2024	0.042	0.12	mg/m <sup>3</sup>
		23-24/03/2024	0.036	0.12	mg/m <sup>3</sup>
		24-25/03/2024	0.021	0.12	mg/m <sup>3</sup>

## REMARK:

<sup>1/</sup> 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)

06/04/2024

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Request No. ATR6703055

Report No. 6703-1197 - 6703-1203

## 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 : บ้านเขาคะแมก (A2)  
RECEIVED DATE : 29/03/2024 SAMPLE NO. : A67031197 - A67031203  
TESTED DATE : 29/03/2024-05/04/2024 REPORTED DATE : 06/04/2024

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD <sup>/1</sup>	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	18-19/03/2024	0.067	0.33	mg/m <sup>3</sup>
		19-20/03/2024	0.051	0.33	mg/m <sup>3</sup>
		20-21/03/2024	0.070	0.33	mg/m <sup>3</sup>
		21-22/03/2024	0.090	0.33	mg/m <sup>3</sup>
		22-23/03/2024	0.068	0.33	mg/m <sup>3</sup>
		23-24/03/2024	0.062	0.33	mg/m <sup>3</sup>
		24-25/03/2024	0.059	0.33	mg/m <sup>3</sup>

## REMARK:

<sup>/1</sup> 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)

06/04/2024

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Request No. ATR6703055

Report No. 6703-1190 - 6703-1196

## 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 : 29/03/2024 SAMPLE NO. : A67031190 - A67031196  
TESTED DATE : 29/03/2024-05/04/2024 REPORTED DATE : 06/04/2024

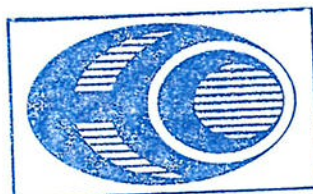
PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD <sup>1/</sup>	UNIT
Particulate matter less than or Equal					
10 micrometers (PM 10)	Gravimetric Method	18-19/03/2024	0.034	0.12	mg/m <sup>3</sup>
		19-20/03/2024	0.047	0.12	mg/m <sup>3</sup>
		20-21/03/2024	0.045	0.12	mg/m <sup>3</sup>
		21-22/03/2024	0.050	0.12	mg/m <sup>3</sup>
		22-23/03/2024	0.030	0.12	mg/m <sup>3</sup>
		23-24/03/2024	0.038	0.12	mg/m <sup>3</sup>
		24-25/03/2024	0.028	0.12	mg/m <sup>3</sup>

## REMARK:

<sup>1/</sup> 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)

06/04/2024

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Request No. ATR6703055

Report No. 6703-1239 - 6703-1245

## 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 : 29/03/2024 SAMPLE NO. : A67031239 - A67031245  
TESTED DATE : 29/03/2024-05/04/2024 REPORTED DATE : 06/04/2024

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD <sup>1/</sup>	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	18-19/03/2024	0.065	0.33	mg/m <sup>3</sup>
		19-20/03/2024	0.062	0.33	mg/m <sup>3</sup>
		20-21/03/2024	0.085	0.33	mg/m <sup>3</sup>
		21-22/03/2024	0.095	0.33	mg/m <sup>3</sup>
		22-23/03/2024	0.059	0.33	mg/m <sup>3</sup>
		23-24/03/2024	0.047	0.33	mg/m <sup>3</sup>
		24-25/03/2024	0.046	0.33	mg/m <sup>3</sup>

## REMARK:

<sup>1/</sup> 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 Klinsopon)

06/04/2024

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Request No. ATR6703055

Report No. 6703-1232 - 6703-1238

## 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 : 29/03/2024 SAMPLE NO. : A67031232 - A67031238  
TESTED DATE : 29/03/2024-05/04/2024 REPORTED DATE : 06/04/2024

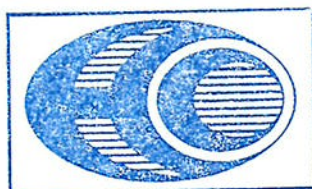
PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD <sup>/1</sup>	UNIT
Particulate matter less than or Equal					
10 micrometers (PM 10)	Gravimetric Method	18-19/03/2024	0.039	0.12	mg/m <sup>3</sup>
		19-20/03/2024	0.044	0.12	mg/m <sup>3</sup>
		20-21/03/2024	0.028	0.12	mg/m <sup>3</sup>
		21-22/03/2024	0.040	0.12	mg/m <sup>3</sup>
		22-23/03/2024	0.033	0.12	mg/m <sup>3</sup>
		23-24/03/2024	0.003	0.12	mg/m <sup>3</sup>
		24-25/03/2024	0.012	0.12	mg/m <sup>3</sup>

## REMARK:

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06/04/2024

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Request No. ATR6703055

Report No. 6703-1225 - 6703-1231

## 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 : 29/03/2024 SAMPLE NO. : A67031225 - A67031231  
TESTED DATE : 29/03/2024-05/04/2024 REPORTED DATE : 06/04/2024

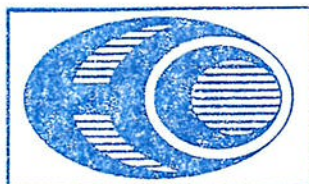
PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD <sup>1/</sup>	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	18-19/03/2024	0.051	0.33	mg/m <sup>3</sup>
		19-20/03/2024	0.055	0.33	mg/m <sup>3</sup>
		20-21/03/2024	0.068	0.33	mg/m <sup>3</sup>
		21-22/03/2024	0.087	0.33	mg/m <sup>3</sup>
		22-23/03/2024	0.056	0.33	mg/m <sup>3</sup>
		23-24/03/2024	0.044	0.33	mg/m <sup>3</sup>
		24-25/03/2024	0.045	0.33	mg/m <sup>3</sup>

## REMARK:

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

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

(Sampling By Mr. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

(Miss Thanatporn Klinsopon)

06/04/2024

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Request No. ATR6703055

Report No. 6703-1218 - 6703-1224

## 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 : 29/03/2024 SAMPLE NO. : A67031218 - A67031224  
TESTED DATE : 29/03/2024-05/04/2024 REPORTED DATE : 06/04/2024

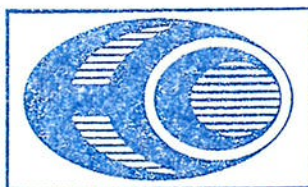
PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD <sup>1/</sup>	UNIT
Particulate matter less than or Equal					
10 micrometers (PM 10)	Gravimetric Method	18-19/03/2024	0.039	0.12	mg/m <sup>3</sup>
		19-20/03/2024	0.047	0.12	mg/m <sup>3</sup>
		20-21/03/2024	0.050	0.12	mg/m <sup>3</sup>
		21-22/03/2024	0.061	0.12	mg/m <sup>3</sup>
		22-23/03/2024	0.042	0.12	mg/m <sup>3</sup>
		23-24/03/2024	0.028	0.12	mg/m <sup>3</sup>
		24-25/03/2024	0.026	0.12	mg/m <sup>3</sup>

## REMARK:

<sup>1/</sup> 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 Thanaporn Klinsoon)

06/04/2024

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Request No. ATR6703055

Report No. 6703-1211 - 6703-1217

## 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 : 29/03/2024 SAMPLE NO. : A67031211 - A67031217  
TESTED DATE : 29/03/2024-05/04/2024 REPORTED DATE : 06/04/2024

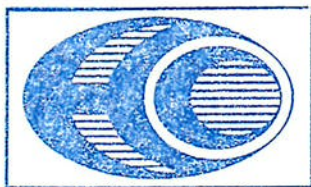
PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD <sup>1/</sup>	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	18-19/03/2024	0.066	0.33	mg/m <sup>3</sup>
		19-20/03/2024	0.057	0.33	mg/m <sup>3</sup>
		20-21/03/2024	0.071	0.33	mg/m <sup>3</sup>
		21-22/03/2024	0.100	0.33	mg/m <sup>3</sup>
		22-23/03/2024	0.059	0.33	mg/m <sup>3</sup>
		23-24/03/2024	0.060	0.33	mg/m <sup>3</sup>
		24-25/03/2024	0.060	0.33	mg/m <sup>3</sup>

## REMARK:

<sup>1/</sup> 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 Klinsonon)

06/04/2024

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Request No. ATR6703055

Report No. 6703-1204 - 6703-1210

## 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 : บ้านไร่โคกสนมอ (A5)  
RECEIVED DATE : 29/03/2024 SAMPLE NO. : A67031204 - A67031210  
TESTED DATE : 29/03/2024-05/04/2024 REPORTED DATE : 06/04/2024

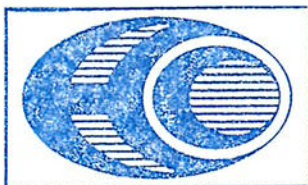
PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD <sup>1/</sup>	UNIT
Particulate matter less than or Equal					
10 micrometers (PM 10)	Gravimetric Method	18-19/03/2024	0.031	0.12	mg/m <sup>3</sup>
		19-20/03/2024	0.022	0.12	mg/m <sup>3</sup>
		20-21/03/2024	0.021	0.12	mg/m <sup>3</sup>
		21-22/03/2024	0.027	0.12	mg/m <sup>3</sup>
		22-23/03/2024	0.015	0.12	mg/m <sup>3</sup>
		23-24/03/2024	0.012	0.12	mg/m <sup>3</sup>
		24-25/03/2024	0.012	0.12	mg/m <sup>3</sup>

## REMARK:

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

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

(Sampling By Mr. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

(Miss Thanatporn Klinsopon)

06/04/2024

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Request No. LA67-R0374

Report No. R6703-3479 - R6703-3485

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 7874

SAMPLE NO. : 05761-05767  
SAMPLING DATE : 18-25/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

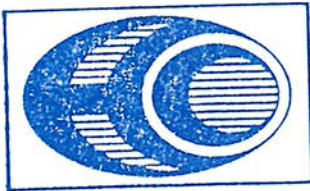
TIME / DATE	18-19/03/2024	19-20/03/2024	20-21/03/2024	21-22/03/2024	22-23/03/2024	23-24/03/2024	24-25/03/2024	UNIT
12:00 - 13:00 <sup>2</sup>	0.005	0.003	0.022	0.021	0.002	0.002	0.004	ppm
13:00 - 14:00	0.004	0.004	0.016	0.018	0.001	0.002	0.004	ppm
14:00 - 15:00	0.004	0.008	0.018	0.039	0.002	0.003	0.003	ppm
15:00 - 16:00	0.003	0.041	0.025	0.027	0.002	0.004	0.004	ppm
16:00 - 17:00	0.003	0.025	0.029	0.024	0.002	0.004	0.002	ppm
17:00 - 18:00	0.004	0.022	0.025	0.024	0.003	0.003	0.002	ppm
18:00 - 19:00	0.004	0.024	0.024	0.022	0.005	0.005	0.002	ppm
19:00 - 20:00	0.004	0.016	0.024	0.012	0.005	0.004	0.003	ppm
20:00 - 21:00	0.004	0.018	0.021	0.008	0.003	0.009	0.004	ppm
21:00 - 22:00	0.008	0.019	0.017	0.010	0.003	0.008	0.004	ppm
22:00 - 23:00	0.006	0.015	0.015	0.007	0.003	0.007	0.003	ppm
23:00 - 00:00	0.003	0.016	0.012	0.012	0.004	0.010	0.003	ppm
00:00 - 01:00	0.002	0.015	0.013	0.013	0.008	0.007	0.004	ppm
01:00 - 02:00	0.003	0.013	0.011	0.011	0.011	0.003	0.002	ppm
02:00 - 03:00	0.002	0.011	0.009	0.009	0.010	0.002	0.002	ppm
03:00 - 04:00	0.003	0.012	0.009	0.009	0.008	0.002	0.002	ppm
04:00 - 05:00	0.002	0.009	0.013	0.013	0.008	0.002	0.005	ppm
05:00 - 06:00	0.002	0.009	0.017	0.017	0.007	0.003	0.006	ppm
06:00 - 07:00	0.002	0.016	0.017	0.017	0.013	0.002	0.005	ppm
07:00 - 08:00	0.002	0.010	0.020	0.021	0.014	0.002	0.006	ppm
08:00 - 09:00	0.003	0.013	0.017	0.017	0.007	0.005	0.003	ppm
09:00 - 10:00	0.003	0.018	0.016	0.016	0.004	0.003	0.003	ppm
10:00 - 11:00	0.002	0.019	0.017	0.017	0.003	0.003	0.004	ppm
11:00 - 12:00	0.003	0.016	0.019	0.019	0.002	0.003	0.004	ppm
Maximum 1 hr.	0.008	0.041	0.029	0.039	0.014	0.010	0.006	ppm
Average 24 hr.	0.003	0.015	0.018	0.017	0.005	0.004	0.003	ppm
Standard (1 hr.) <sup>1</sup>	0.17	0.17	0.17	0.17	0.17	0.17	0.17	ppm

REMARK : <sup>1</sup> Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)

<sup>2</sup> Start Time

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

(Measurement By Mr. Tummarut Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Approved By 

(MS. THANATPORN KLINSOPON)

29/03/2024

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Request No. LA67-R0374

Report No. R6703-3423 - R6703-3429

TEST REPORT

CUSTOMER	: บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)	SAMPLE NO.	: 05705-05711
ADDRESS	: 789 ม. 1 ถ. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230	SAMPLING DATE	: 18-25/03/2024
SAMPLE SOURCE	: ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)	RECEIVED DATE	: 25/03/2024
SAMPLE POINT	: วัดเขาตะแบก (A2)	REPORTED DATE	: 29/03/2024
PARAMETER*	: Nitrogen Dioxide		
DETERMINATION METHOD	: Chemiluminescence		
INSTRUMENT	: API Model T200 S/N 7355		

TIME / DATE	18-19/03/2024	19-20/03/2024	20-21/03/2024	21-22/03/2024	22-23/03/2024	23-24/03/2024	24-25/03/2024	UNIT
10:00 - 11:00 <sup>1/2</sup>	0.008	0.007	0.003	0.008	0.015	0.015	0.012	ppm
11:00 - 12:00	0.008	0.010	0.004	0.011	0.011	0.015	0.016	ppm
12:00 - 13:00	0.011	0.014	0.004	0.022	0.010	0.014	0.014	ppm
13:00 - 14:00	0.006	0.023	0.005	0.058	0.013	0.018	0.016	ppm
14:00 - 15:00	0.008	0.028	0.007	0.014	0.013	0.018	0.021	ppm
15:00 - 16:00	0.005	0.021	0.018	0.012	0.014	0.020	0.019	ppm
16:00 - 17:00	0.010	0.005	0.018	0.011	0.012	0.019	0.015	ppm
17:00 - 18:00	0.009	0.004	0.011	0.013	0.012	0.013	0.013	ppm
18:00 - 19:00	0.009	0.005	0.014	0.022	0.023	0.014	0.013	ppm
19:00 - 20:00	0.011	0.003	0.009	0.024	0.019	0.011	0.012	ppm
20:00 - 21:00	0.018	0.003	0.010	0.017	0.011	0.015	0.014	ppm
21:00 - 22:00	0.013	0.016	0.012	0.014	0.010	0.017	0.015	ppm
22:00 - 23:00	0.014	0.014	0.013	0.014	0.012	0.010	0.012	ppm
23:00 - 00:00	0.012	0.012	0.010	0.015	0.010	0.012	0.010	ppm
00:00 - 01:00	0.014	0.012	0.016	0.012	0.008	0.014	0.006	ppm
01:00 - 02:00	0.013	0.010	0.009	0.007	0.009	0.013	0.006	ppm
02:00 - 03:00	0.010	0.008	0.008	0.006	0.009	0.007	0.007	ppm
03:00 - 04:00	0.008	0.007	0.008	0.005	0.008	0.007	0.008	ppm
04:00 - 05:00	0.008	0.006	0.006	0.004	0.007	0.006	0.007	ppm
05:00 - 06:00	0.008	0.004	0.007	0.004	0.008	0.006	0.004	ppm
06:00 - 07:00	0.010	0.007	0.008	0.003	0.009	0.008	0.003	ppm
07:00 - 08:00	0.016	0.007	0.009	0.003	0.005	0.009	0.003	ppm
08:00 - 09:00	0.015	0.006	0.010	0.008	0.014	0.013	0.007	ppm
09:00 - 10:00	0.010	0.004	0.007	0.013	0.012	0.009	0.007	ppm
Maximum 1 hr.	0.018	0.028	0.018	0.058	0.023	0.020	0.021	ppm
Average 24 hr.	0.011	0.010	0.009	0.013	0.011	0.013	0.011	ppm
Standard (1 hr.) <sup>1/1</sup>	0.17	0.17	0.17	0.17	0.17	0.17	0.17	ppm

REMARK : <sup>1/1</sup> Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)

<sup>1/2</sup> Start Time

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Approved By:   
(MS. THANATPORN KLINSOPON)

29/03/2024

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Request No. LA67-R0374

Report No. R6703-3465 - R6703-3471

## 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 6758

SAMPLE NO. : 05747-05753  
SAMPLING DATE : 18-25/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

TIME / DATE	18-19/03/2024	19-20/03/2024	20-21/03/2024	21-22/03/2024	22-23/03/2024	23-24/03/2024	24-25/03/2024	UNIT
12:00 - 13:00 <sup>2</sup>	0.010	0.011	0.025	0.015	0.008	0.007	0.005	ppm
13:00 - 14:00	0.009	0.010	0.020	0.013	0.011	0.008	0.007	ppm
14:00 - 15:00	0.007	0.011	0.029	0.012	0.012	0.009	0.008	ppm
15:00 - 16:00	0.008	0.015	0.027	0.018	0.012	0.008	0.006	ppm
16:00 - 17:00	0.008	0.012	0.037	0.016	0.013	0.009	0.006	ppm
17:00 - 18:00	0.007	0.019	0.035	0.019	0.015	0.008	0.005	ppm
18:00 - 19:00	0.010	0.019	0.031	0.020	0.020	0.007	0.006	ppm
19:00 - 20:00	0.015	0.021	0.031	0.019	0.016	0.010	0.008	ppm
20:00 - 21:00	0.015	0.026	0.029	0.021	0.013	0.017	0.008	ppm
21:00 - 22:00	0.009	0.028	0.026	0.024	0.011	0.016	0.008	ppm
22:00 - 23:00	0.009	0.027	0.017	0.017	0.009	0.012	0.009	ppm
23:00 - 00:00	0.009	0.028	0.017	0.010	0.012	0.016	0.008	ppm
00:00 - 01:00	0.009	0.024	0.022	0.016	0.011	0.015	0.007	ppm
01:00 - 02:00	0.009	0.024	0.021	0.011	0.015	0.009	0.007	ppm
02:00 - 03:00	0.008	0.023	0.015	0.010	0.024	0.007	0.006	ppm
03:00 - 04:00	0.007	0.021	0.015	0.018	0.023	0.006	0.006	ppm
04:00 - 05:00	0.007	0.020	0.017	0.014	0.011	0.006	0.008	ppm
05:00 - 06:00	0.008	0.018	0.021	0.024	0.016	0.007	0.013	ppm
06:00 - 07:00	0.010	0.014	0.024	0.035	0.026	0.007	0.014	ppm
07:00 - 08:00	0.016	0.014	0.028	0.052	0.030	0.008	0.019	ppm
08:00 - 09:00	0.020	0.020	0.030	0.045	0.026	0.014	0.020	ppm
09:00 - 10:00	0.012	0.023	0.022	0.014	0.019	0.008	0.012	ppm
10:00 - 11:00	0.012	0.025	0.022	0.010	0.016	0.006	0.012	ppm
11:00 - 12:00	0.013	0.026	0.020	0.013	0.009	0.005	0.012	ppm
Maximum 1 hr.	0.020	0.028	0.037	0.052	0.030	0.017	0.020	ppm
Average 24 hr.	0.010	0.020	0.024	0.019	0.016	0.009	0.009	ppm
Standard (1 hr.) <sup>1</sup>	0.17	0.17	0.17	0.17	0.17	0.17	0.17	ppm

REMARK : <sup>1</sup> Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)<sup>2</sup> Start Time

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

(Measurement By Mr. Tummarut Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Approved By.....

(MS. THANATPORN KLINSOPON)

29/03/2024

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Request No. LA67-R0374

Report No. R6703-3451 - R6703-3457

## 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 : Environnement SA. Model AC32e S/N 693

SAMPLE NO. : 05733-05739

SAMPLING DATE : 18-25/03/2024

RECEIVED DATE : 25/03/2024

REPORTED DATE : 29/03/2024

TIME / DATE	18-19/03/2024	19-20/03/2024	20-21/03/2024	21-22/03/2024	22-23/03/2024	23-24/03/2024	24-25/03/2024	UNIT
11:00 - 12:00 <sup>2</sup>	0.018	0.009	0.011	0.013	0.018	0.020	0.020	ppm
12:00 - 13:00	0.020	0.011	0.010	0.016	0.017	0.020	0.019	ppm
13:00 - 14:00	0.020	0.013	0.006	0.016	0.013	0.019	0.020	ppm
14:00 - 15:00	0.019	0.010	0.006	0.016	0.016	0.017	0.020	ppm
15:00 - 16:00	0.020	0.012	0.016	0.012	0.018	0.017	0.019	ppm
16:00 - 17:00	0.020	0.012	0.011	0.011	0.017	0.018	0.020	ppm
17:00 - 18:00	0.019	0.007	0.011	0.008	0.007	0.016	0.019	ppm
18:00 - 19:00	0.020	0.006	0.009	0.010	0.009	0.017	0.018	ppm
19:00 - 20:00	0.019	0.006	0.013	0.009	0.017	0.009	0.016	ppm
20:00 - 21:00	0.018	0.012	0.014	0.005	0.016	0.007	0.013	ppm
21:00 - 22:00	0.016	0.013	0.007	0.016	0.013	0.013	0.014	ppm
22:00 - 23:00	0.014	0.012	0.008	0.008	0.013	0.012	0.015	ppm
23:00 - 00:00	0.014	0.006	0.010	0.013	0.016	0.008	0.015	ppm
00:00 - 01:00	0.015	0.004	0.009	0.020	0.016	0.010	0.012	ppm
01:00 - 02:00	0.015	0.003	0.006	0.029	0.006	0.014	0.016	ppm
02:00 - 03:00	0.012	0.006	0.005	0.029	0.012	0.016	0.016	ppm
03:00 - 04:00	0.016	0.005	0.006	0.031	0.011	0.018	0.016	ppm
04:00 - 05:00	0.016	0.005	0.005	0.033	0.015	0.012	0.010	ppm
05:00 - 06:00	0.016	0.005	0.006	0.033	0.015	0.014	0.007	ppm
06:00 - 07:00	0.010	0.010	0.006	0.035	0.016	0.016	0.005	ppm
07:00 - 08:00	0.007	0.009	0.011	0.020	0.010	0.008	0.006	ppm
08:00 - 09:00	0.005	0.008	0.007	0.013	0.004	0.015	0.017	ppm
09:00 - 10:00	0.006	0.010	0.010	0.018	0.006	0.018	0.017	ppm
10:00 - 11:00	0.017	0.009	0.011	0.018	0.018	0.020	0.017	ppm
Maximum 1 hr.	0.020	0.013	0.016	0.035	0.018	0.020	0.020	ppm
Average 24 hr.	0.015	0.008	0.009	0.018	0.013	0.015	0.015	ppm
Standard (1 hr.) <sup>1</sup>	0.17	0.17	0.17	0.17	0.17	0.17	0.17	ppm

**REMARK :** <sup>1</sup> Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)<sup>2</sup> Start Time

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

(Measurement By Mr. Tummarut Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

Approved By.....

(MS. THANATPORN KLINSOPON)

29/03/2024

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Request No. LA67-R0374

Report No. R6703-3437 - R6703-3443

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)  
ADDRESS : 789 ม. 1 ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230  
SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)  
SAMPLE POINT : บ้านไร่โคกสมอ (A5)  
PARAMETER\* : Nitrogen Dioxide  
DETERMINATION METHOD : Chemiluminescence  
INSTRUMENT : API Model T200 S/N 6757

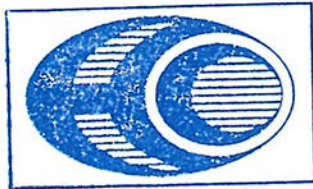
SAMPLE NO. : 05719-05725  
SAMPLING DATE : 18-25/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

TIME / DATE	18-19/03/2024	19-20/03/2024	20-21/03/2024	21-22/03/2024	22-23/03/2024	23-24/03/2024	24-25/03/2024	UNIT
11:00 - 12:00 <sup>12</sup>	0.010	0.008	0.016	0.013	0.010	0.012	0.008	ppm
12:00 - 13:00	0.009	0.010	0.012	0.012	0.010	0.012	0.007	ppm
13:00 - 14:00	0.013	0.012	0.012	0.012	0.010	0.011	0.007	ppm
14:00 - 15:00	0.016	0.009	0.012	0.011	0.013	0.012	0.007	ppm
15:00 - 16:00	0.012	0.009	0.012	0.010	0.016	0.012	0.008	ppm
16:00 - 17:00	0.014	0.010	0.015	0.010	0.013	0.011	0.008	ppm
17:00 - 18:00	0.013	0.010	0.014	0.013	0.015	0.011	0.006	ppm
18:00 - 19:00	0.011	0.009	0.013	0.019	0.020	0.012	0.007	ppm
19:00 - 20:00	0.011	0.009	0.018	0.020	0.018	0.014	0.008	ppm
20:00 - 21:00	0.017	0.011	0.016	0.018	0.012	0.014	0.010	ppm
21:00 - 22:00	0.021	0.018	0.013	0.018	0.012	0.010	0.012	ppm
22:00 - 23:00	0.019	0.019	0.012	0.022	0.012	0.011	0.013	ppm
23:00 - 00:00	0.017	0.017	0.010	0.022	0.011	0.010	0.011	ppm
00:00 - 01:00	0.014	0.015	0.009	0.016	0.010	0.010	0.010	ppm
01:00 - 02:00	0.014	0.014	0.009	0.014	0.010	0.011	0.009	ppm
02:00 - 03:00	0.012	0.011	0.011	0.013	0.012	0.013	0.008	ppm
03:00 - 04:00	0.010	0.009	0.010	0.013	0.012	0.012	0.007	ppm
04:00 - 05:00	0.009	0.008	0.009	0.013	0.012	0.011	0.007	ppm
05:00 - 06:00	0.009	0.007	0.009	0.013	0.011	0.010	0.007	ppm
06:00 - 07:00	0.011	0.009	0.011	0.014	0.014	0.009	0.007	ppm
07:00 - 08:00	0.010	0.011	0.014	0.016	0.014	0.010	0.007	ppm
08:00 - 09:00	0.013	0.012	0.011	0.017	0.012	0.013	0.008	ppm
09:00 - 10:00	0.010	0.010	0.011	0.017	0.016	0.010	0.012	ppm
10:00 - 11:00	0.007	0.015	0.011	0.010	0.014	0.009	0.009	ppm
Maximum 1 hr.	0.021	0.019	0.018	0.022	0.020	0.014	0.013	ppm
Average 24 hr.	0.012	0.011	0.012	0.015	0.013	0.011	0.008	ppm
Standard (1 hr.) <sup>11</sup>	0.17	0.17	0.17	0.17	0.17	0.17	0.17	ppm

REMARK : <sup>11</sup> Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)

<sup>12</sup> Start Time

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Approved By.....  
(MS. THANATPORN KLINSOPON)  
29/03/2024

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Request No. LA67-R0374

Report No. R6703-3472 - R6703-3478

## 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 : บ้านเขว้า (A1)

PARAMETER\* : Sulfur Dioxide

DETERMINATION METHOD : UV-Fluorescence

INSTRUMENT : API Model T100 S/N 5702

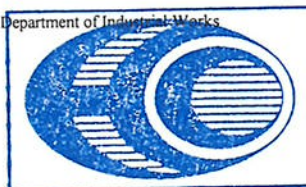
SAMPLE NO. : 05754-05760

SAMPLING DATE : 18-25/03/2024

RECEIVED DATE : 25/03/2024

REPORTED DATE : 29/03/2024

TIME / DATE	18-19/03/2024	19-20/03/2024	20-21/03/2024	21-22/03/2024	22-23/03/2024	23-24/03/2024	24-25/03/2024	UNIT
12:00 - 13:00 <sup>3</sup>	0.019	0.019	0.019	0.019	0.019	0.019	0.019	ppm
13:00 - 14:00	0.018	0.019	0.019	0.019	0.019	0.019	0.019	ppm
14:00 - 15:00	0.018	0.019	0.019	0.019	0.019	0.019	0.019	ppm
15:00 - 16:00	0.018	0.019	0.019	0.019	0.018	0.019	0.019	ppm
16:00 - 17:00	0.019	0.019	0.019	0.019	0.017	0.019	0.021	ppm
17:00 - 18:00	0.019	0.019	0.019	0.019	0.018	0.019	0.020	ppm
18:00 - 19:00	0.019	0.019	0.019	0.019	0.018	0.019	0.017	ppm
19:00 - 20:00	0.019	0.019	0.019	0.019	0.018	0.019	0.017	ppm
20:00 - 21:00	0.019	0.019	0.019	0.019	0.018	0.019	0.019	ppm
21:00 - 22:00	0.019	0.019	0.019	0.019	0.018	0.019	0.019	ppm
22:00 - 23:00	0.019	0.019	0.019	0.019	0.018	0.019	0.019	ppm
23:00 - 00:00	0.019	0.019	0.019	0.019	0.019	0.019	0.019	ppm
00:00 - 01:00	0.019	0.019	0.019	0.019	0.018	0.019	0.019	ppm
01:00 - 02:00	0.019	0.019	0.019	0.019	0.019	0.019	0.019	ppm
02:00 - 03:00	0.019	0.019	0.019	0.019	0.019	0.019	0.019	ppm
03:00 - 04:00	0.019	0.019	0.019	0.019	0.019	0.019	0.019	ppm
04:00 - 05:00	0.019	0.019	0.019	0.019	0.019	0.019	0.019	ppm
05:00 - 06:00	0.019	0.019	0.019	0.019	0.019	0.019	0.019	ppm
06:00 - 07:00	0.019	0.019	0.019	0.019	0.019	0.019	0.019	ppm
07:00 - 08:00	0.019	0.019	0.019	0.019	0.019	0.019	0.019	ppm
08:00 - 09:00	0.019	0.019	0.019	0.019	0.019	0.019	0.019	ppm
09:00 - 10:00	0.019	0.019	0.019	0.019	0.019	0.018	0.018	ppm
10:00 - 11:00	0.019	0.019	0.019	0.019	0.019	0.019	0.019	ppm
11:00 - 12:00	0.019	0.019	0.019	0.019	0.019	0.018	0.019	ppm
Maximum 1 hr.	0.019	0.019	0.019	0.019	0.019	0.019	0.021	ppm
Average 24 hr.	0.019	0.019	0.019	0.019	0.019	0.019	0.019	ppm
Standard (1 hr.) <sup>1</sup>	0.30	0.30	0.30	0.30	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) <sup>2</sup>	0.12	0.12	0.12	0.12	0.12	0.12	0.12	ppm

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Approved By.....

(MS. THANATPORN KLINSOPON)

29/03/2024

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## 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)  
PARAMETER\* : Sulfur Dioxide  
DETERMINATION METHOD : UV-Fluorescence  
INSTRUMENT : API Model T100 S/N 6457

SAMPLE NO. : 05698-05704  
SAMPLING DATE : 18-25/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

TIME / DATE	18-19/03/2024	19-20/03/2024	20-21/03/2024	21-22/03/2024	22-23/03/2024	23-24/03/2024	24-25/03/2024	UNIT
10:00 - 11:00 <sup>3</sup>	0.003	0.007	0.007	0.007	0.009	0.008	0.009	ppm
11:00 - 12:00	0.003	0.008	0.007	0.007	0.008	0.010	0.010	ppm
12:00 - 13:00	0.004	0.008	0.007	0.008	0.006	0.010	0.009	ppm
13:00 - 14:00	0.004	0.007	0.007	0.010	0.007	0.010	0.010	ppm
14:00 - 15:00	0.005	0.008	0.007	0.010	0.007	0.011	0.007	ppm
15:00 - 16:00	0.007	0.007	0.007	0.008	0.006	0.007	0.007	ppm
16:00 - 17:00	0.004	0.004	0.007	0.007	0.007	0.008	0.008	ppm
17:00 - 18:00	0.006	0.006	0.007	0.007	0.007	0.006	0.007	ppm
18:00 - 19:00	0.007	0.007	0.007	0.006	0.007	0.006	0.008	ppm
19:00 - 20:00	0.007	0.007	0.007	0.006	0.006	0.007	0.008	ppm
20:00 - 21:00	0.007	0.007	0.007	0.007	0.007	0.007	0.007	ppm
21:00 - 22:00	0.007	0.007	0.007	0.007	0.007	0.007	0.006	ppm
22:00 - 23:00	0.007	0.007	0.007	0.007	0.007	0.007	0.006	ppm
23:00 - 00:00	0.007	0.007	0.007	0.007	0.007	0.007	0.007	ppm
00:00 - 01:00	0.007	0.007	0.007	0.007	0.007	0.007	0.007	ppm
01:00 - 02:00	0.007	0.007	0.007	0.007	0.007	0.007	0.007	ppm
02:00 - 03:00	0.007	0.007	0.007	0.007	0.007	0.007	0.007	ppm
03:00 - 04:00	0.007	0.007	0.007	0.007	0.007	0.007	0.007	ppm
04:00 - 05:00	0.007	0.007	0.007	0.007	0.007	0.007	0.007	ppm
05:00 - 06:00	0.007	0.007	0.007	0.007	0.007	0.007	0.007	ppm
06:00 - 07:00	0.007	0.007	0.007	0.007	0.007	0.007	0.007	ppm
07:00 - 08:00	0.007	0.008	0.007	0.007	0.007	0.007	0.007	ppm
08:00 - 09:00	0.007	0.007	0.007	0.007	0.007	0.007	0.007	ppm
09:00 - 10:00	0.007	0.007	0.007	0.008	0.008	0.007	0.007	ppm
Maximum 1 hr.	0.007	0.008	0.007	0.010	0.009	0.011	0.010	ppm
Average 24 hr.	0.006	0.007	0.007	0.007	0.007	0.007	0.007	ppm
Standard (1 hr.) <sup>1</sup>	0.30	0.30	0.30	0.30	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) <sup>2</sup>	0.12	0.12	0.12	0.12	0.12	0.12	0.12	ppm

REMARK : <sup>1</sup> Notification of The National Environmental Board Volume 12 B.E. 2538 (1995) and Volume 21 B.E. 2544 (2001)<sup>2</sup> Notification of The National Environmental Board Volume 24 B.E. 2547 (2004)<sup>3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Natural Resources  
(Measurement By Mr. Tummarut Photankhum)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

29/03/2024

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## TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)

ADDRESS : 789 ม. 1 ต. สายหนองค้อ-แหลมบัง ต. หนองขาโม อ. ศรีราชา จ. ชลบุรี 20230

SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)

SAMPLE POINT : สำนักงาน โครงการ (A3)

PARAMETER\* : Sulfur Dioxide

DETERMINATION METHOD : UV-Fluorescence

INSTRUMENT : API Model T100 S/N 6459

SAMPLE NO. : 05740-05746

SAMPLING DATE : 18-25/03/2024

RECEIVED DATE : 25/03/2024

REPORTED DATE : 29/03/2024

TIME / DATE	18-19/03/2024	19-20/03/2024	20-21/03/2024	21-22/03/2024	22-23/03/2024	23-24/03/2024	24-25/03/2024	UNIT
12:00 - 13:00 <sup>3</sup>	0.065	0.041	0.036	0.037	0.037	0.039	0.041	ppm
13:00 - 14:00	0.063	0.041	0.036	0.037	0.038	0.039	0.041	ppm
14:00 - 15:00	0.063	0.040	0.036	0.037	0.037	0.039	0.040	ppm
15:00 - 16:00	0.062	0.040	0.036	0.037	0.037	0.039	0.041	ppm
16:00 - 17:00	0.062	0.039	0.036	0.037	0.037	0.039	0.041	ppm
17:00 - 18:00	0.060	0.039	0.036	0.037	0.037	0.038	0.041	ppm
18:00 - 19:00	0.057	0.039	0.036	0.036	0.037	0.038	0.041	ppm
19:00 - 20:00	0.054	0.038	0.036	0.036	0.037	0.038	0.041	ppm
20:00 - 21:00	0.052	0.038	0.036	0.036	0.037	0.038	0.040	ppm
21:00 - 22:00	0.050	0.038	0.036	0.036	0.037	0.038	0.040	ppm
22:00 - 23:00	0.049	0.038	0.036	0.036	0.037	0.038	0.040	ppm
23:00 - 00:00	0.048	0.038	0.035	0.036	0.037	0.038	0.040	ppm
00:00 - 01:00	0.047	0.038	0.036	0.036	0.037	0.038	0.040	ppm
01:00 - 02:00	0.046	0.038	0.036	0.036	0.037	0.038	0.041	ppm
02:00 - 03:00	0.045	0.038	0.035	0.036	0.037	0.039	0.041	ppm
03:00 - 04:00	0.044	0.037	0.035	0.036	0.037	0.039	0.041	ppm
04:00 - 05:00	0.044	0.037	0.036	0.036	0.037	0.039	0.041	ppm
05:00 - 06:00	0.043	0.037	0.036	0.036	0.037	0.039	0.041	ppm
06:00 - 07:00	0.042	0.037	0.036	0.036	0.037	0.039	0.041	ppm
07:00 - 08:00	0.042	0.037	0.039	0.036	0.038	0.039	0.042	ppm
08:00 - 09:00	0.042	0.037	0.037	0.036	0.038	0.039	0.042	ppm
09:00 - 10:00	0.041	0.037	0.036	0.036	0.038	0.039	0.042	ppm
10:00 - 11:00	0.042	0.036	0.036	0.037	0.038	0.040	0.042	ppm
11:00 - 12:00	0.041	0.037	0.036	0.037	0.038	0.040	0.042	ppm
Maximum 1 hr.	0.065	0.041	0.039	0.037	0.038	0.040	0.042	ppm
Average 24 hr.	0.050	0.038	0.036	0.036	0.037	0.039	0.041	ppm
Standard (1 hr.) <sup>1</sup>	0.30	0.30	0.30	0.30	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) <sup>2</sup>	0.12	0.12	0.12	0.12	0.12	0.12	0.12	ppm

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

Approved By.....

(MS. THANATPORN KLINSOPON)

29/03/2024

COPY

## 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 (A4)  
PARAMETER\* : Sulfur Dioxide  
DETERMINATION METHOD : UV-Fluorescence  
INSTRUMENT : Environnement SA. Model AF22e S/N 913

SAMPLE NO. : 05726-05732  
SAMPLING DATE : 18-25/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

TIME / DATE	18-19/03/2024	19-20/03/2024	20-21/03/2024	21-22/03/2024	22-23/03/2024	23-24/03/2024	24-25/03/2024	UNIT
11:00 - 12:00 <sup>1</sup>	0.002	0.002	0.002	0.002	0.002	0.002	0.002	ppm
12:00 - 13:00	0.002	0.002	0.002	0.002	0.003	0.002	0.002	ppm
13:00 - 14:00	0.002	0.002	0.002	0.002	0.003	0.002	0.002	ppm
14:00 - 15:00	0.002	0.002	0.002	0.002	0.003	0.002	0.002	ppm
15:00 - 16:00	0.002	0.002	0.002	0.002	0.003	0.002	0.002	ppm
16:00 - 17:00	0.002	0.002	0.002	0.002	0.002	0.002	0.002	ppm
17:00 - 18:00	0.002	0.002	0.002	0.002	0.003	0.003	0.002	ppm
18:00 - 19:00	0.002	0.002	0.002	0.002	0.002	0.002	0.002	ppm
19:00 - 20:00	0.002	0.002	0.002	0.002	0.002	0.003	0.002	ppm
20:00 - 21:00	0.002	0.002	0.002	0.002	0.002	0.003	0.002	ppm
21:00 - 22:00	0.002	0.002	0.002	0.002	0.002	0.003	0.002	ppm
22:00 - 23:00	0.002	0.002	0.002	0.002	0.002	0.003	0.002	ppm
23:00 - 00:00	0.002	0.002	0.002	0.002	0.002	0.002	0.002	ppm
00:00 - 01:00	0.002	0.002	0.002	0.002	0.002	0.003	0.002	ppm
01:00 - 02:00	0.002	0.002	0.002	0.002	0.002	0.002	0.002	ppm
02:00 - 03:00	0.002	0.002	0.002	0.002	0.002	0.002	0.002	ppm
03:00 - 04:00	0.002	0.002	0.002	0.002	0.002	0.002	0.003	ppm
04:00 - 05:00	0.002	0.002	0.002	0.002	0.002	0.002	0.002	ppm
05:00 - 06:00	0.002	0.002	0.002	0.002	0.002	0.002	0.003	ppm
06:00 - 07:00	0.002	0.002	0.002	0.002	0.002	0.002	0.003	ppm
07:00 - 08:00	0.003	0.003	0.003	0.002	0.002	0.002	0.003	ppm
08:00 - 09:00	0.002	0.002	0.002	0.002	0.002	0.002	0.003	ppm
09:00 - 10:00	0.002	0.002	0.002	0.002	0.002	0.002	0.002	ppm
10:00 - 11:00	0.003	0.003	0.003	0.003	0.002	0.002	0.003	ppm
Maximum 1 hr.	0.003	0.003	0.003	0.003	0.003	0.003	0.003	ppm
Average 24 hr.	0.002	0.002	0.002	0.002	0.002	0.002	0.002	ppm
Standard (1 hr.) <sup>1</sup>	0.30	0.30	0.30	0.30	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) <sup>2</sup>	0.12	0.12	0.12	0.12	0.12	0.12	0.12	ppm

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By: 

(MS. THANATPORN KLINSOPON)

29/03/2024

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

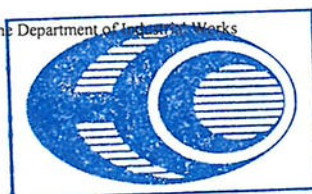
COPY

## 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 : API Model TI00 S/N 5700

SAMPLE NO. : 05712-05718  
SAMPLING DATE : 18-25/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

TIME / DATE	18-19/03/2024	19-20/03/2024	20-21/03/2024	21-22/03/2024	22-23/03/2024	23-24/03/2024	24-25/03/2024	UNIT
11:00 - 12:00 <sup>3</sup>	0.019	0.020	0.020	0.020	0.020	0.020	0.020	ppm
12:00 - 13:00	0.019	0.020	0.020	0.020	0.020	0.020	0.020	ppm
13:00 - 14:00	0.018	0.020	0.020	0.020	0.020	0.020	0.020	ppm
14:00 - 15:00	0.019	0.020	0.020	0.020	0.020	0.020	0.019	ppm
15:00 - 16:00	0.019	0.020	0.020	0.020	0.020	0.020	0.020	ppm
16:00 - 17:00	0.019	0.020	0.020	0.020	0.020	0.020	0.020	ppm
17:00 - 18:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
18:00 - 19:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
19:00 - 20:00	0.019	0.020	0.020	0.020	0.020	0.020	0.020	ppm
20:00 - 21:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
21:00 - 22:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
22:00 - 23:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
23:00 - 00:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
00:00 - 01:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
01:00 - 02:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
02:00 - 03:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
03:00 - 04:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
04:00 - 05:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
05:00 - 06:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
06:00 - 07:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
07:00 - 08:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
08:00 - 09:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
09:00 - 10:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
10:00 - 11:00	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
Maximum 1 hr.	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
Average 24 hr.	0.020	0.020	0.020	0.020	0.020	0.020	0.020	ppm
Standard (1 hr.) <sup>1</sup>	0.30	0.30	0.30	0.30	0.30	0.30	0.30	ppm
Standard (Average 24 hr.) <sup>2</sup>	0.12	0.12	0.12	0.12	0.12	0.12	0.12	ppm

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Approved By: 

(MS. THANATPORN KLINSOPON)

29/03/2024

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Request No. LA67-R0374

Report No. R6703-3645 - R6703-3651

## TEST REPORT

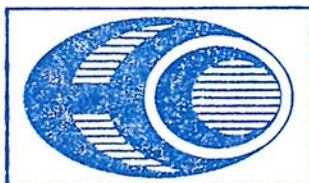
CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)  
ADDRESS : 789 ม. 1 ต. สายหนองค้อ-แหลมฉิมบึง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230  
SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)  
SAMPLE POINT : บ้านเขาชี (A1)  
PARAMETER\* : Temperature  
DETERMINATION METHOD : Thermometer Sensor  
INSTRUMENT : Weather Meter, Model Vantage PR02 : 6152C S/N BD190507028

SAMPLE NO. : 05936-05942  
SAMPLING DATE : 18-25/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

TIME / DATE	18-19/03/2024	19-20/03/2024	20-21/03/2024	21-22/03/2024	22-23/03/2024	23-24/03/2024	24-25/03/2024	UNIT
12:00 - 13:00 <sup>1)</sup>	36.0	32.7	26.7	31.0	35.0	36.3	35.4	°C
13:00 - 14:00	35.3	31.8	25.6	31.7	36.5	36.7	36.6	°C
14:00 - 15:00	35.3	31.0	24.8	32.9	31.2	35.5	36.2	°C
15:00 - 16:00	33.9	24.8	24.6	33.7	31.7	32.9	37.0	°C
16:00 - 17:00	27.6	24.3	24.3	33.6	32.2	31.3	36.0	°C
17:00 - 18:00	29.1	24.2	24.8	33.1	32.9	32.3	34.2	°C
18:00 - 19:00	29.3	23.7	25.2	31.0	30.9	30.9	33.3	°C
19:00 - 20:00	28.9	23.2	24.9	29.2	28.8	29.7	31.3	°C
20:00 - 21:00	28.5	23.7	24.9	28.5	27.5	29.1	30.2	°C
21:00 - 22:00	28.1	24.3	24.8	28.0	27.3	28.5	29.6	°C
22:00 - 23:00	27.7	25.1	24.8	27.9	26.8	28.3	29.2	°C
23:00 - 00:00	27.8	25.1	24.4	27.6	26.8	28.3	29.0	°C
00:00 - 01:00	27.8	25.1	24.8	26.1	26.8	28.0	28.2	°C
01:00 - 02:00	27.6	25.2	25.2	25.5	26.6	27.6	28.6	°C
02:00 - 03:00	27.4	25.2	24.7	25.6	25.8	27.6	28.4	°C
03:00 - 04:00	27.4	25.2	25.1	25.6	26.1	27.7	28.3	°C
04:00 - 05:00	27.2	25.7	24.7	24.8	25.8	27.8	27.1	°C
05:00 - 06:00	27.4	25.4	24.5	25.5	26.3	27.4	27.0	°C
06:00 - 07:00	27.5	25.1	24.6	25.2	25.9	27.8	27.0	°C
07:00 - 08:00	27.7	25.5	24.4	25.8	26.6	28.2	27.7	°C
08:00 - 09:00	29.2	24.6	25.1	28.3	29.4	30.1	30.3	°C
09:00 - 10:00	30.9	24.5	26.6	31.2	31.3	32.9	31.7	°C
10:00 - 11:00	32.4	25.4	26.9	32.3	33.1	34.7	34.7	°C
11:00 - 12:00	33.2	26.6	29.6	33.4	34.3	36.5	34.7	°C
Min - Max	27.2 - 36.0	23.2 - 32.7	24.3 - 29.6	24.8 - 33.7	25.8 - 36.5	27.4 - 36.7	27.0 - 37.0	°C
Average 24 hr.	29.72	25.73	25.25	29.06	29.40	30.67	31.32	°C

REMARK : <sup>1)</sup> Start Time

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

29/03/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Request No. LA67-R0374

Report No. R6703-3617 - R6703-3623

TEST REPORT

CUSTOMER : บริษัท ปันทอง อินคัสเตรียล ปาร์ค จำกัด (มหาชน)  
ADDRESS : 789 ม. 1 ต. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230  
SAMPLE SOURCE : ปันทอง อินคัสเตรียล ปาร์ค (โครงการ 3)  
SAMPLE POINT : วัดเขาตะแบก (A2)  
PARAMETER\* : Temperature  
DETERMINATION METHOD : Thermometer Sensor  
INSTRUMENT : Weather Meter, Model Vantage PRO2 : 6152C S/N A110519P052

SAMPLE NO. : 05908-05914  
SAMPLING DATE : 18-25/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

TIME / DATE	18-19/03/2024	19-20/03/2024	20-21/03/2024	21-22/03/2024	22-23/03/2024	23-24/03/2024	24-25/03/2024	UNIT
10:00 - 11:00 <sup>1)</sup>	32.8	33.1	25.0	27.1	33.7	32.3	34.4	°C
11:00 - 12:00	35.5	32.4	25.4	30.3	32.3	33.9	35.7	°C
12:00 - 13:00	36.2	32.4	25.6	34.0	33.4	36.1	35.6	°C
13:00 - 14:00	35.3	34.6	25.2	34.0	33.4	36.6	34.9	°C
14:00 - 15:00	35.5	32.2	23.9	34.6	30.3	35.2	31.0	°C
15:00 - 16:00	33.4	26.9	23.9	33.4	30.5	32.7	33.6	°C
16:00 - 17:00	28.7	24.9	24.2	32.7	31.2	32.5	32.8	°C
17:00 - 18:00	30.5	24.4	24.0	32.1	31.6	31.6	32.9	°C
18:00 - 19:00	30.9	24.3	24.4	31.0	30.4	30.7	32.1	°C
19:00 - 20:00	29.6	23.3	24.1	29.0	28.4	29.6	30.5	°C
20:00 - 21:00	28.7	23.8	24.0	28.2	27.2	28.8	29.2	°C
21:00 - 22:00	28.1	24.4	23.9	27.3	27.0	28.3	28.5	°C
22:00 - 23:00	27.7	25.1	23.8	27.2	26.7	27.6	27.9	°C
23:00 - 00:00	27.5	25.4	23.4	26.7	26.2	27.2	27.7	°C
00:00 - 01:00	27.2	24.9	23.3	26.4	25.8	27.1	27.4	°C
01:00 - 02:00	27.1	25.1	23.4	26.4	25.5	26.9	27.3	°C
02:00 - 03:00	27.1	25.3	23.2	26.2	25.2	27.0	26.9	°C
03:00 - 04:00	27.2	25.2	23.2	25.9	25.2	26.9	26.5	°C
04:00 - 05:00	27.0	25.2	23.1	26.0	25.7	26.7	26.6	°C
05:00 - 06:00	26.9	25.4	22.9	25.6	26.2	26.6	26.2	°C
06:00 - 07:00	27.1	25.2	22.8	25.6	26.3	26.7	26.3	°C
07:00 - 08:00	27.3	25.2	22.8	25.7	26.0	26.7	26.4	°C
08:00 - 09:00	28.3	25.3	23.3	26.8	27.1	27.1	27.7	°C
09:00 - 10:00	30.4	24.4	25.7	30.1	28.0	31.2	28.2	°C
Min - Max	26.9 - 36.2	23.3 - 34.6	22.8 - 25.7	25.6 - 34.6	25.2 - 33.7	26.6 - 36.6	26.2 - 35.7	°C
Average 24 hr.	29.83	26.60	23.94	28.85	28.47	29.83	29.85	°C

REMARK : <sup>1)</sup> Start Time

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

(Measurement By Mr. Tummarut Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

Approved By   
(MS. THANATPORN KLINSOPON)

29/03/2024

COPY

Request No. LA67-R0374

Report No. R6703-3638 - R6703-3644

## TEST REPORT

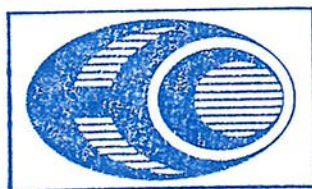
CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)  
ADDRESS : 789 ม. 1 ต. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230  
SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)  
SAMPLE POINT : สำนักงานโครงการ (A3)  
PARAMETER\* : Temperature  
DETERMINATION METHOD : Thermometer Sensor  
INSTRUMENT : Weather Meter, Model Vantage PR02 : 6152CM S/N BF201105024

SAMPLE NO. : 05929-05935  
SAMPLING DATE : 18-25/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

TIME / DATE	18-19/03/2024	19-20/03/2024	20-21/03/2024	21-22/03/2024	22-23/03/2024	23-24/03/2024	24-25/03/2024	UNIT
12:00 - 13:00 <sup>1)</sup>	40.3	35.1	29.2	32.9	34.2	34.6	34.9	°C
13:00 - 14:00	40.9	35.6	28.1	33.4	32.9	33.8	29.0	°C
14:00 - 15:00	41.7	35.6	26.8	33.3	28.8	33.1	31.2	°C
15:00 - 16:00	39.3	30.4	25.9	32.9	29.2	32.3	35.5	°C
16:00 - 17:00	33.5	26.7	25.6	32.4	30.9	30.3	32.9	°C
17:00 - 18:00	35.5	25.4	25.5	31.3	31.2	30.5	32.9	°C
18:00 - 19:00	33.4	25.3	25.7	29.9	29.5	29.6	31.4	°C
19:00 - 20:00	30.5	25.0	25.2	28.0	27.4	28.7	29.6	°C
20:00 - 21:00	28.8	25.0	24.8	27.4	26.8	28.2	28.5	°C
21:00 - 22:00	28.1	25.1	24.7	26.9	26.6	27.5	27.8	°C
22:00 - 23:00	27.6	25.3	24.6	27.1	26.2	27.2	27.5	°C
23:00 - 00:00	27.3	25.4	24.3	26.8	25.9	26.8	27.0	°C
00:00 - 01:00	27.1	25.4	24.2	26.3	25.7	26.6	26.7	°C
01:00 - 02:00	26.9	25.4	24.4	26.2	25.1	26.3	26.7	°C
02:00 - 03:00	26.8	25.7	24.5	25.9	24.8	26.2	26.5	°C
03:00 - 04:00	26.7	25.7	24.4	25.6	24.7	26.0	26.3	°C
04:00 - 05:00	26.7	25.8	24.2	25.3	25.3	25.8	25.8	°C
05:00 - 06:00	26.6	26.0	24.0	25.1	25.7	25.9	25.6	°C
06:00 - 07:00	26.6	26.0	23.8	25.1	25.4	26.1	26.0	°C
07:00 - 08:00	26.8	26.0	24.0	25.6	25.6	26.6	26.4	°C
08:00 - 09:00	27.9	26.3	24.5	27.7	27.7	28.1	28.6	°C
09:00 - 10:00	30.2	26.1	26.4	29.9	28.3	30.2	30.3	°C
10:00 - 11:00	32.8	26.8	28.3	31.8	31.3	31.9	31.5	°C
11:00 - 12:00	34.2	28.1	30.3	32.2	33.3	34.6	33.2	°C
Min - Max	26.6 - 41.7	25.0 - 35.6	23.8 - 30.3	25.1 - 33.4	24.7 - 34.2	25.8 - 34.6	25.6 - 35.5	°C
Average 24 hr.	31.09	27.22	25.56	28.71	28.02	29.04	29.24	°C

REMARK : <sup>1)</sup> Start Time

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By...

(MS. THANATPORN KLINSOPON)

29/03/2024

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

COPY

Request No. LA67-R0374

Report No. R6703-3631 - R6703-3637

## TEST REPORT

CUSTOMER : บริษัท ปันทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)  
ADDRESS : 789 ม. 1 ต. สายหนองค้อ-แหลมฉบัง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230  
SAMPLE SOURCE : ปันทอง อินดัสเตรียล ปาร์ค (โครงการ 3)  
SAMPLE POINT : วัดยางเอน (A4)  
PARAMETER\* : Temperature  
DETERMINATION METHOD : Thermometer Sensor  
INSTRUMENT : Weather Meter, Model Vantage PRO2 : 6152C S/N BC180612027

SAMPLE NO. : 05922-05928  
SAMPLING DATE : 18-25/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

TIME / DATE	18-19/03/2024	19-20/03/2024	20-21/03/2024	21-22/03/2024	22-23/03/2024	23-24/03/2024	24-25/03/2024	UNIT
11:00 - 12:00 <sup>1)</sup>	33.8	31.2	25.5	28.9	30.9	32.3	32.9	°C
12:00 - 13:00	34.6	31.8	26.8	31.4	33.0	34.4	34.1	°C
13:00 - 14:00	35.3	32.5	26.1	32.7	34.6	35.1	33.9	°C
14:00 - 15:00	34.9	33.1	24.4	34.5	32.1	36.0	28.0	°C
15:00 - 16:00	33.1	30.1	24.0	34.4	30.2	33.9	31.3	°C
16:00 - 17:00	26.7	25.9	24.3	33.9	30.9	33.3	32.7	°C
17:00 - 18:00	29.8	24.6	24.1	32.9	32.2	31.4	33.8	°C
18:00 - 19:00	30.4	24.4	24.6	30.9	31.7	31.0	32.7	°C
19:00 - 20:00	29.2	24.0	24.4	28.6	28.9	29.3	30.3	°C
20:00 - 21:00	28.0	23.8	24.3	27.4	27.1	28.4	28.7	°C
21:00 - 22:00	27.3	24.2	24.3	26.6	26.6	27.8	27.8	°C
22:00 - 23:00	26.8	24.6	23.9	25.8	26.3	27.3	27.1	°C
23:00 - 00:00	26.6	24.8	23.7	25.4	25.9	26.9	26.7	°C
00:00 - 01:00	26.2	24.8	23.5	25.2	25.7	26.5	26.1	°C
01:00 - 02:00	26.0	24.5	23.7	24.7	25.3	25.8	26.1	°C
02:00 - 03:00	25.7	24.7	23.7	24.4	24.9	25.2	26.1	°C
03:00 - 04:00	25.4	24.7	23.4	24.2	24.7	24.8	25.7	°C
04:00 - 05:00	25.4	24.9	23.3	24.1	24.2	24.9	25.5	°C
05:00 - 06:00	25.3	24.9	23.4	24.0	23.9	24.9	25.2	°C
06:00 - 07:00	25.3	24.9	23.4	23.9	24.1	24.7	25.1	°C
07:00 - 08:00	25.7	25.0	23.9	23.9	24.1	25.0	25.2	°C
08:00 - 09:00	26.6	25.3	24.2	25.2	25.6	26.1	26.2	°C
09:00 - 10:00	28.3	25.1	26.0	27.7	27.3	28.6	28.1	°C
10:00 - 11:00	30.1	24.9	27.6	29.8	29.8	31.3	30.2	°C
Min - Max	25.3 - 35.3	23.8 - 33.1	23.3 - 27.6	23.9 - 34.5	23.9 - 34.6	24.7 - 36.0	25.1 - 34.1	°C
Average 24 hr.	28.60	26.20	24.44	27.94	27.92	28.95	28.73	°C

REMARK : <sup>1)</sup> Start Time

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

(Measurement By Mr. Tummarut Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Approved By.....

(MS. THANATPORN KLINSOPON)

29/03/2024

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Request No. LA67-R0374

Report No. R6703-3624 - R6703-3630

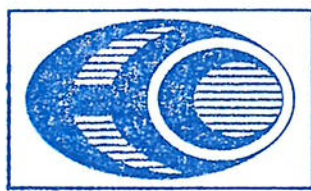
TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินคัสเตรียล ปาร์ค จำกัด (มหาชน)  
ADDRESS : 789 ม. 1 ต. สายหนองค้อ-แหลมฉิมบึง ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230  
SAMPLE SOURCE : ปิ่นทอง อินคัสเตรียล ปาร์ค (โครงการ 3)  
SAMPLE POINT : บ้านไร่โคกสนมอ (A5)  
PARAMETER\* : Temperature  
DETERMINATION METHOD : Thermometer Sensor  
INSTRUMENT : Weather Meter, Model Vantage PRO2 : 6152CEU S/N AZ170612030

SAMPLE NO. : 05915-05921  
SAMPLING DATE : 18-25/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

TIME / DATE	18-19/03/2024	19-20/03/2024	20-21/03/2024	21-22/03/2024	22-23/03/2024	23-24/03/2024	24-25/03/2024	UNIT
11:00 - 12:00 <sup>1)</sup>	33.9	32.7	26.6	29.1	32.7	32.8	33.9	°C
12:00 - 13:00	36.0	31.8	26.9	30.8	33.5	34.3	34.0	°C
13:00 - 14:00	35.7	33.1	25.3	31.3	31.8	34.4	33.7	°C
14:00 - 15:00	35.4	33.3	24.7	32.2	28.9	32.9	28.4	°C
15:00 - 16:00	25.5	29.6	24.4	32.7	29.7	33.3	31.2	°C
16:00 - 17:00	27.6	26.1	24.6	33.0	31.0	32.3	32.6	°C
17:00 - 18:00	29.8	25.2	24.9	32.7	30.9	31.1	34.3	°C
18:00 - 19:00	29.9	24.6	25.1	31.1	29.2	29.6	32.2	°C
19:00 - 20:00	27.9	24.2	24.7	28.8	27.4	28.6	29.4	°C
20:00 - 21:00	27.0	24.4	24.5	27.4	26.7	28.2	28.4	°C
21:00 - 22:00	26.7	24.8	24.3	27.2	26.6	27.7	27.7	°C
22:00 - 23:00	26.7	25.0	24.2	26.6	26.3	27.2	27.3	°C
23:00 - 00:00	26.6	25.2	24.1	26.1	25.9	26.9	26.9	°C
00:00 - 01:00	26.3	25.2	23.9	25.8	25.7	26.7	26.4	°C
01:00 - 02:00	26.5	25.2	24.0	25.7	25.7	26.3	26.3	°C
02:00 - 03:00	26.6	25.2	23.9	25.3	25.4	25.8	26.1	°C
03:00 - 04:00	26.7	25.1	23.8	24.8	25.2	25.7	25.8	°C
04:00 - 05:00	26.6	25.3	23.7	24.7	24.9	25.6	25.6	°C
05:00 - 06:00	26.4	25.4	23.5	24.6	24.7	25.4	25.6	°C
06:00 - 07:00	26.5	25.3	24.2	24.4	24.6	25.2	25.8	°C
07:00 - 08:00	26.6	25.7	24.7	24.7	24.8	25.8	26.1	°C
08:00 - 09:00	28.5	26.4	25.6	27.2	26.6	27.9	27.6	°C
09:00 - 10:00	30.1	25.2	26.7	29.6	28.2	30.1	30.1	°C
10:00 - 11:00	32.0	25.3	27.1	31.6	30.1	32.0	31.2	°C
Min - Max	25.5 - 36.0	24.2 - 33.3	23.5 - 27.1	24.4 - 33.0	24.6 - 33.5	25.2 - 34.4	25.6 - 34.3	°C
Average 24 hr.	28.81	26.64	24.81	28.23	27.77	28.99	29.03	°C

REMARK : <sup>1)</sup> Start Time  
\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Tummarut Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

Approved By   
(MS. THANATPORN KLINSOPON)  
29/03/2024

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## แผนผังทิศทางและความเร็วลม

Request No. LA67-R0374

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

Sample No. 05781

จุดตรวจวัด : บ้านเขวี่ (A1)

วันที่ตรวจวัด : 18-25 มีนาคม 2567

เวลา	18-19 มีนาคม 2567		19-20 มีนาคม 2567		20-21 มีนาคม 2567		21-22 มีนาคม 2567		22-23 มีนาคม 2567		23-24 มีนาคม 2567		24-25 มีนาคม 2567	
	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	0.4	WSW	1.8	SSW	2.2	ENE	3.1	E	0.9	NW	1.8	SW	1.3	W
13:00-14:00	1.3	WSW	1.8	WSW	0.9	E	3.1	E	1.3	NNW	1.8	WSW	1.3	W
14:00-15:00	2.7	WSW	1.8	WSW	0.4	E	3.1	ENE	1.8	WNW	2.2	SW	2.2	SW
15:00-16:00	3.1	WSW	3.6	NE	0.4	WNW	1.3	NE	2.2	SW	1.8	SW	1.8	WNW
16:00-17:00	0.9	SSW	2.7	NNE	0.4	NE	0.9	NNE	1.8	SW	2.7	SW	1.8	W
17:00-18:00	0.9	WSW	0.4	N	0.4	E	0.9	NNE	1.3	SW	1.8	SW	1.8	SW
18:00-19:00	0.9	SW	0.9	ENE	0.4	E	0.9	WNW	1.8	SW	1.8	SW	1.3	SW
19:00-20:00	1.8	SSW	0.4	ESE	0.4	ESE	0.9	WNW	1.8	SW	1.3	SW	1.3	SW
20:00-21:00	0.9	S	0.4	ESE	0.0	-	0.4	W	2.7	SW	1.8	SW	1.3	SW
21:00-22:00	0.4	SSW	0.4	ESE	0.0	-	0.0	-	2.2	SW	1.3	SW	0.4	SW
22:00-23:00	0.4	ESE	0.9	ESE	0.0	-	0.4	WNW	1.8	SW	0.9	SW	0.9	SW
23:00-00:00	0.4	S	0.4	ESE	0.0	-	0.0	-	2.2	SW	0.9	SW	0.4	SW
00:00-01:00	0.4	S	0.0	-	0.0	-	0.0	-	0.4	SW	0.4	SW	0.4	SW
01:00-02:00	0.4	S	0.4	ESE	0.0	-	0.0	-	0.0	-	0.0	-	0.9	SW
02:00-03:00	0.0	-	0.4	ESE	0.0	-	0.0	-	0.4	SE	0.4	SW	0.9	SSW
03:00-04:00	0.0	-	0.0	-	0.0	-	0.4	S	0.4	SE	0.4	SW	0.9	SSW
04:00-05:00	0.0	-	0.0	-	0.0	-	0.0	-	0.4	SE	0.9	SW	0.4	ESE
05:00-06:00	0.4	S	0.0	-	0.4	SE	0.4	S	0.0	-	0.0	-	0.0	-
06:00-07:00	0.4	S	0.4	E	0.4	ESE	0.4	S	0.0	-	0.9	SW	0.4	SE
07:00-08:00	0.9	SSW	0.4	ENE	1.8	E	0.9	SSE	0.0	-	1.3	SW	0.4	SE
08:00-09:00	0.9	SW	1.3	ENE	1.8	E	0.4	SSE	0.4	SW	0.9	SW	0.4	SW
09:00-10:00	0.9	SSW	0.9	ENE	2.7	E	0.4	W	0.9	SW	0.9	SW	0.9	WSW
10:00-11:00	1.3	SSW	0.9	NE	2.7	E	0.9	WNW	0.9	SW	1.3	W	0.9	WSW
11:00-12:00	1.3	SSW	0.9	NE	3.1	E	0.9	WNW	1.8	WSW	1.3	WNW	1.3	SW

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## แผนผังทิศทางและความเร็วลม

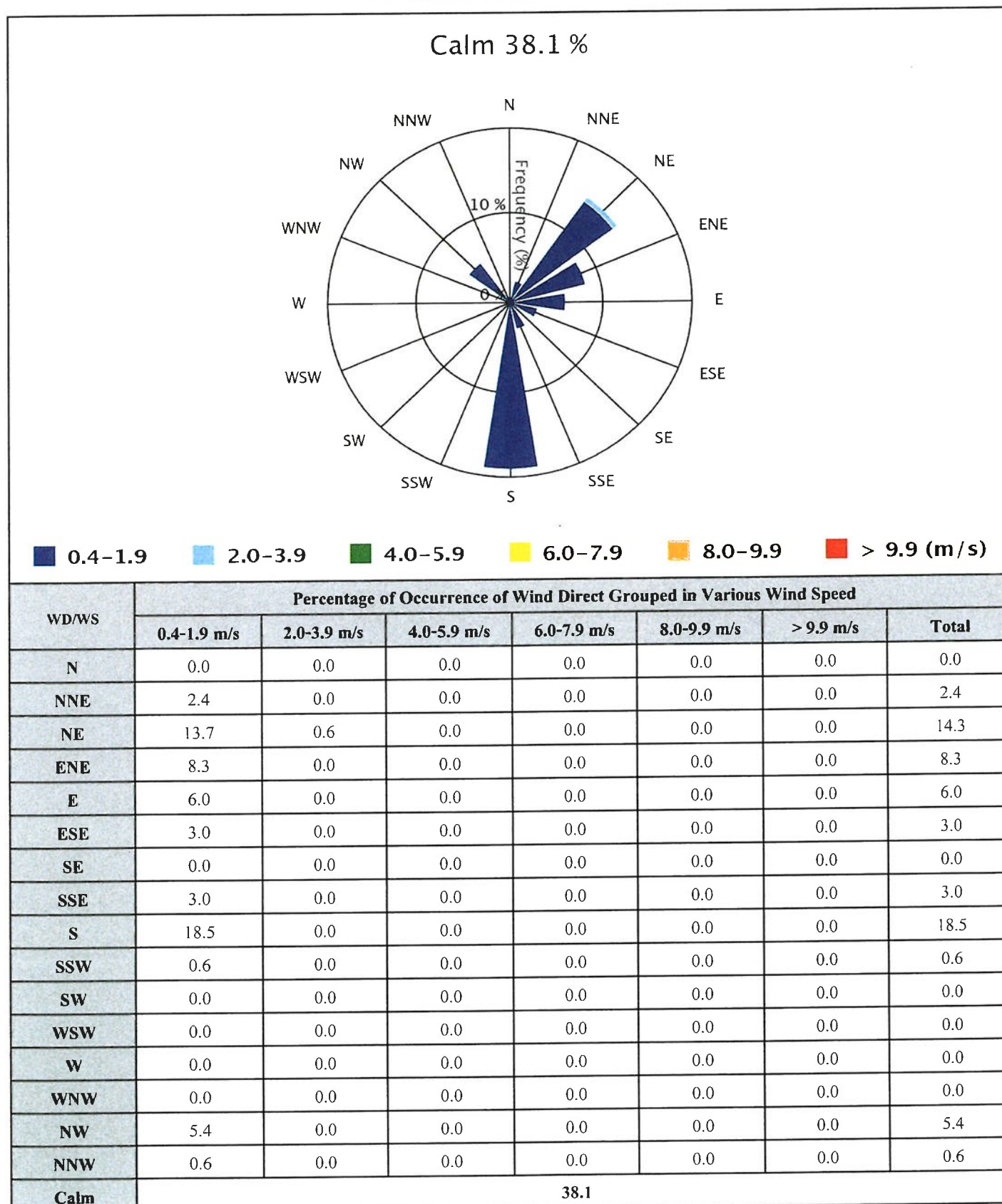
Request No. LA67-R0374

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

Sample No. 05777

จุดตรวจวัด : บ้านเขาตะแบก (A2)

วันที่ตรวจวัด : 18-25 มีนาคม 2567



COPY

## แผนผังทิศทางและความเร็วลม

Request No. LA67-R0374

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

Sample No. 05777

จุดตรวจวัด : บ้านเขาตะแบก (A2)

วันที่ตรวจวัด : 18-25 มีนาคม 2567

เวลา	18-19 มีนาคม 2567		19-20 มีนาคม 2567		20-21 มีนาคม 2567		21-22 มีนาคม 2567		22-23 มีนาคม 2567		23-24 มีนาคม 2567		24-25 มีนาคม 2567	
	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	0.9	SSE	0.4	ENE	0.9	E	0.0	-	0.4	NW	0.9	S	0.9	ENE
11:00-12:00	0.9	SSE	0.9	NE	1.3	ESE	0.0	-	0.4	NW	0.9	S	0.9	SSE
12:00-13:00	0.9	NW	0.9	ENE	1.3	ESE	0.0	-	0.4	NW	0.9	S	0.4	NW
13:00-14:00	0.4	NW	0.9	E	0.4	E	0.0	-	0.9	NNE	0.9	S	0.9	NW
14:00-15:00	0.9	NNW	0.9	NE	0.0	-	0.9	ESE	0.9	NNE	0.9	S	0.4	NE
15:00-16:00	1.3	NE	1.3	NNE	0.0	-	0.9	NE	0.9	ENE	1.3	NE	0.4	ENE
16:00-17:00	0.4	ESE	2.2	NE	0.0	-	0.9	NE	0.9	E	1.3	NE	0.9	SSW
17:00-18:00	0.4	NW	0.9	NE	0.0	-	0.9	NNE	0.4	S	1.3	NE	0.9	NE
18:00-19:00	0.4	NE	0.9	ENE	0.0	-	0.4	NW	0.9	E	0.9	NE	0.4	E
19:00-20:00	0.9	ENE	0.4	NE	0.0	-	0.4	NE	0.9	S	0.9	NE	0.4	NE
20:00-21:00	0.4	E	0.4	S	0.0	-	0.4	ENE	1.3	S	0.9	NE	0.4	NE
21:00-22:00	0.4	NE	0.9	S	0.0	-	0.0	-	0.9	S	0.4	S	0.4	ESE
22:00-23:00	0.4	S	0.9	S	0.0	-	0.0	-	0.9	NE	0.9	S	0.4	S
23:00-00:00	0.4	S	0.9	S	0.0	-	0.4	E	0.9	S	0.4	S	0.4	E
00:00-01:00	0.0	-	0.0	-	0.0	-	0.0	-	0.9	S	0.4	S	0.4	SSE
01:00-02:00	0.0	-	0.0	-	0.0	-	0.0	-	0.4	S	0.0	-	0.4	S
02:00-03:00	0.0	-	0.4	SSE	0.0	-	0.0	-	0.0	-	0.4	E	0.4	S
03:00-04:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.4	ENE	0.4	S
04:00-05:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.4	S
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	-	0.4	NE	0.0	-
07:00-08:00	0.4	ENE	0.0	-	0.0	-	0.0	-	0.0	-	0.4	ENE	0.0	-
08:00-09:00	0.4	ENE	0.4	ENE	0.0	-	0.0	-	0.0	-	0.4	S	0.0	-
09:00-10:00	0.4	ENE	0.4	NE	0.0	-	0.4	S	0.9	S	0.4	S	0.0	-

COPY



## แผนผังทิศทางและความเร็วลม

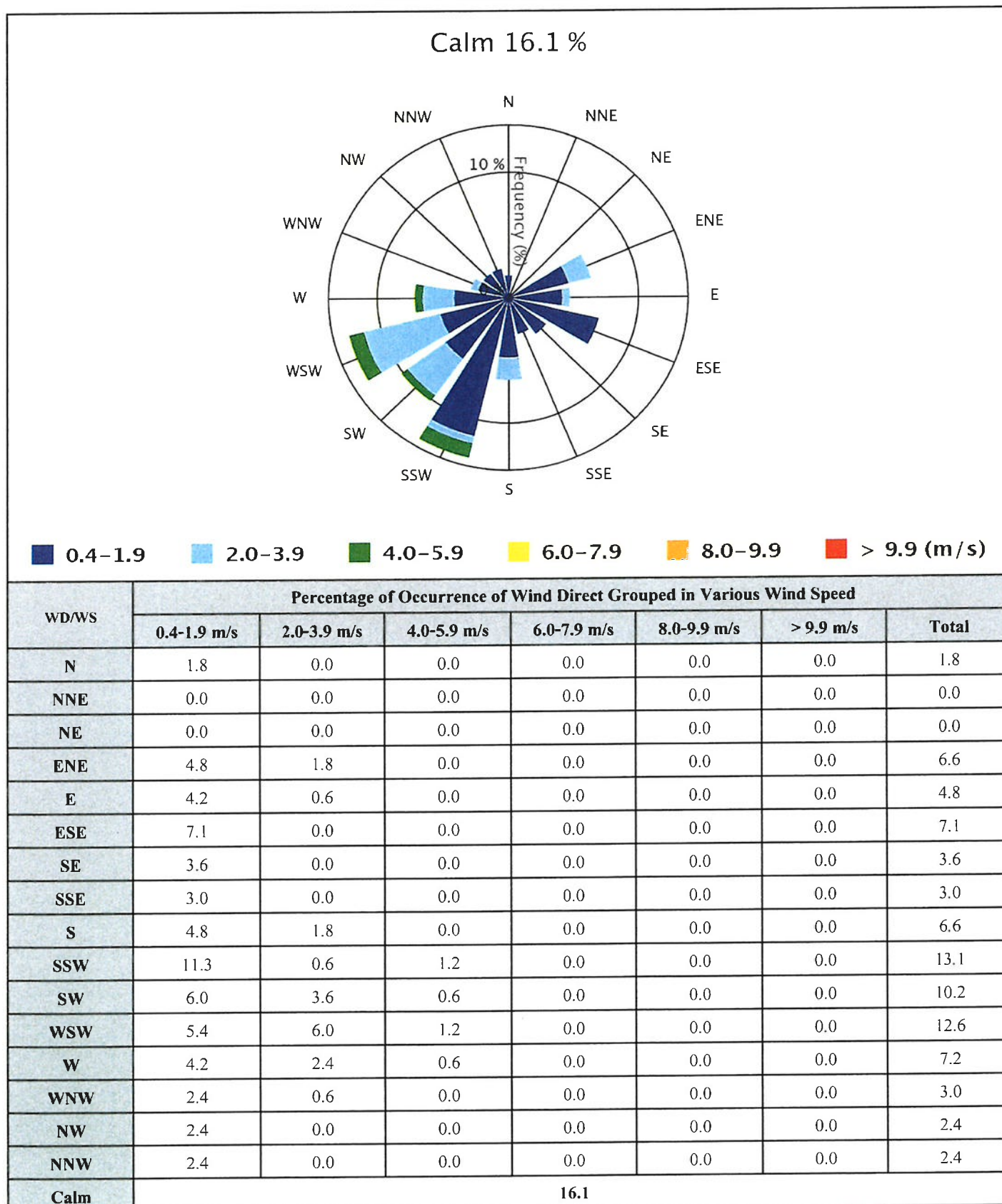
Request No. LA67-R0374

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

Sample No. 05780

จุดตรวจวัด : สำนักงานโครงการ (A3)

วันที่ตรวจวัด : 18-25 มีนาคม 2567



COPY

## แผนผังทิศทางและความเร็วลม

Request No. LA67-R0374

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

Sample No. 05780

จุดตรวจวัด : สำนักงานโครงการ (A3)

วันที่ตรวจวัด : 18-25 มีนาคม 2567

เวลา	18-19 มีนาคม 2567		19-20 มีนาคม 2567		20-21 มีนาคม 2567		21-22 มีนาคม 2567		22-23 มีนาคม 2567		23-24 มีนาคม 2567		24-25 มีนาคม 2567	
	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	1.3	SW	2.2	S	1.8	SE	2.7	ENE	1.8	NNW	3.1	WSW	1.8	W
13:00-14:00	1.8	S	3.1	W	1.3	SE	1.8	ENE	1.3	NNW	2.7	SW	1.8	WSW
14:00-15:00	2.7	S	2.7	W	0.4	SE	1.8	ESE	2.7	WNW	3.1	SW	2.7	WSW
15:00-16:00	3.1	SW	3.6	ENE	0.4	NW	1.3	N	3.6	WSW	4.0	SW	1.8	WSW
16:00-17:00	1.3	SW	3.6	E	1.3	NW	0.9	N	2.2	WSW	4.5	WSW	1.8	SSW
17:00-18:00	1.3	W	2.7	ENE	1.8	ESE	1.3	N	2.2	SW	4.0	W	1.8	SSW
18:00-19:00	1.8	SSW	1.3	ESE	1.3	ESE	1.8	NW	2.7	WSW	3.6	WSW	1.8	SSW
19:00-20:00	2.7	S	0.4	E	1.3	E	1.3	NW	3.1	SSW	3.1	WSW	1.8	S
20:00-21:00	1.8	SW	1.3	E	0.9	SE	0.9	WNW	4.0	SSW	1.8	WSW	1.3	SSW
21:00-22:00	0.9	SW	1.8	ENE	0.4	ENE	0.0	-	4.0	SSW	1.8	SW	1.3	SSW
22:00-23:00	0.4	SE	1.3	ENE	0.4	ESE	0.4	NNW	4.0	WSW	2.2	SW	1.3	SSW
23:00-00:00	0.9	SSW	0.9	ENE	0.4	S	0.9	NNW	3.1	W	1.3	WSW	0.4	SSW
00:00-01:00	0.9	SSW	0.4	E	0.4	S	0.4	W	1.8	WSW	0.9	W	0.4	SSE
01:00-02:00	0.4	SSE	0.4	E	0.4	S	0.0	-	0.9	W	0.4	W	0.9	SSE
02:00-03:00	0.4	SW	0.9	ESE	0.4	SSW	0.0	-	0.0	-	0.0	-	1.3	SSE
03:00-04:00	0.0	-	0.4	ENE	0.0	-	0.0	-	0.0	-	0.0	-	1.3	SSW
04:00-05:00	0.0	-	0.0	-	0.4	SSW	0.0	-	0.0	-	0.4	SW	0.4	SSW
05:00-06:00	0.0	-	0.0	-	0.9	S	0.0	-	0.0	-	0.4	WSW	0.0	-
06:00-07:00	0.0	-	0.4	ESE	0.9	SE	0.0	-	0.0	-	0.9	SSW	0.4	SSE
07:00-08:00	0.0	-	0.0	-	0.9	ESE	0.0	-	0.0	-	1.3	SSW	0.4	S
08:00-09:00	0.9	SSW	0.4	ESE	0.9	ESE	0.0	-	0.4	WSW	1.8	WSW	0.4	SSW
09:00-10:00	1.8	SW	1.3	ESE	1.3	ENE	1.3	WNW	1.8	WSW	2.2	WSW	1.8	SSW
10:00-11:00	2.2	SW	0.9	E	1.3	ESE	1.3	WNW	2.2	W	3.1	WSW	1.8	SW
11:00-12:00	1.8	SW	0.9	E	1.8	ENE	0.9	WNW	2.2	WSW	1.8	W	1.8	S

COPY



## แผนผังทิศทางและความเร็วลม

Request No. LA67-R0374

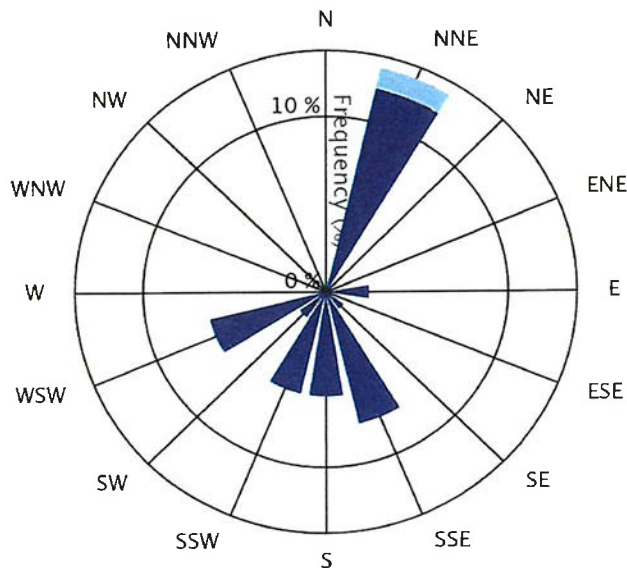
บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน) (โครงการ 3)

Sample No. 05779

จุดตรวจวัด : วัดยางเอน (A4)

วันที่ตรวจวัด : 18-25 มีนาคม 2567

Calm 54.8 %


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

WD/WS	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.4-1.9 m/s	2.0-3.9 m/s	4.0-5.9 m/s	6.0-7.9 m/s	8.0-9.9 m/s	> 9.9 m/s	
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	11.9	1.2	0.0	0.0	0.0	0.0	13.1
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	2.4	0.0	0.0	0.0	0.0	0.0	2.4
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	1.2	0.0	0.0	0.0	0.0	0.0	1.2
SSE	7.7	0.0	0.0	0.0	0.0	0.0	7.7
S	6.0	0.0	0.0	0.0	0.0	0.0	6.0
SSW	6.0	0.0	0.0	0.0	0.0	0.0	6.0
SW	1.8	0.0	0.0	0.0	0.0	0.0	1.8
WSW	6.6	0.0	0.0	0.0	0.0	0.0	6.6
W	0.6	0.0	0.0	0.0	0.0	0.0	0.6
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	54.8						

COPY

## แผนผังทิศทางและความเร็วลม

Request No. LA67-R0374

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

Sample No. 05779

จุดตรวจวัด : วัดยางเอน (A4)

วันที่ตรวจวัด : 18-25 มีนาคม 2567

เวลา	18-19 มีนาคม 2567		19-20 มีนาคม 2567		20-21 มีนาคม 2567		21-22 มีนาคม 2567		22-23 มีนาคม 2567		23-24 มีนาคม 2567		24-25 มีนาคม 2567	
	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	-	0.4	SSW	0.4	NNE	1.3	E	0.0	-	0.0	-	0.0	-
12:00-13:00	0.0	-	0.9	S	0.4	NNE	1.3	NNE	0.0	-	0.0	-	0.0	-
13:00-14:00	0.4	WSW	0.9	S	0.0	-	0.4	E	0.0	-	0.4	SSE	0.0	-
14:00-15:00	1.8	WSW	0.9	S	0.0	-	0.0	-	0.0	-	0.4	SSE	0.0	-
15:00-16:00	1.8	W	2.7	NNE	0.0	-	0.0	-	0.0	-	0.4	S	0.0	-
16:00-17:00	0.4	NNE	2.2	NNE	0.9	NNE	0.0	-	0.0	-	0.9	S	0.0	-
17:00-18:00	0.4	WSW	1.8	NNE	1.3	NNE	0.0	-	0.0	-	0.9	S	0.4	SSE
18:00-19:00	0.4	SSW	0.9	NNE	1.3	NNE	0.0	-	0.4	SSE	0.9	S	0.4	SE
19:00-20:00	0.4	S	0.4	NNE	1.3	NNE	0.0	-	0.4	SSE	0.9	S	0.9	SE
20:00-21:00	0.0	-	0.0	-	0.4	NNE	0.4	SW	0.9	SSE	0.4	SSE	0.9	SSE
21:00-22:00	0.0	-	0.0	-	0.4	NNE	0.4	WSW	1.3	SSW	0.4	SSE	0.4	SSE
22:00-23:00	0.0	-	0.0	-	0.0	-	0.9	WSW	1.3	SSW	0.4	S	0.4	SSE
23:00-00:00	0.0	-	0.0	-	0.0	-	0.9	WSW	1.3	SSW	0.0	-	0.0	-
00:00-01:00	0.0	-	0.0	-	0.0	-	0.4	WSW	0.4	SW	0.0	-	0.0	-
01:00-02:00	0.0	-	0.0	-	0.0	-	0.4	WSW	0.4	SW	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	-	0.9	SSW
04:00-05:00	0.0	-	0.0	-	0.4	NNE	0.0	-	0.0	-	0.0	-	0.4	SSW
05:00-06:00	0.0	-	0.0	-	0.4	NNE	0.0	-	0.0	-	0.0	-	0.0	-
06:00-07:00	0.0	-	0.0	-	0.4	NNE	0.9	WSW	0.0	-	0.4	SSE	0.0	-
07:00-08:00	0.0	-	0.0	-	0.9	E	0.4	WSW	0.0	-	0.4	SSE	0.0	-
08:00-09:00	0.0	-	0.4	E	0.0	-	0.4	WSW	0.0	-	0.0	-	0.0	-
09:00-10:00	0.9	SSW	0.9	NNE	0.9	NNE	0.4	SSW	0.0	-	0.0	-	0.0	-
10:00-11:00	0.4	SSW	0.4	NNE	0.9	NNE	0.0	-	0.0	-	0.0	-	0.0	-

COPY



## แผนผังทิศทางและความเร็วลม

Request No. LA67-R0374

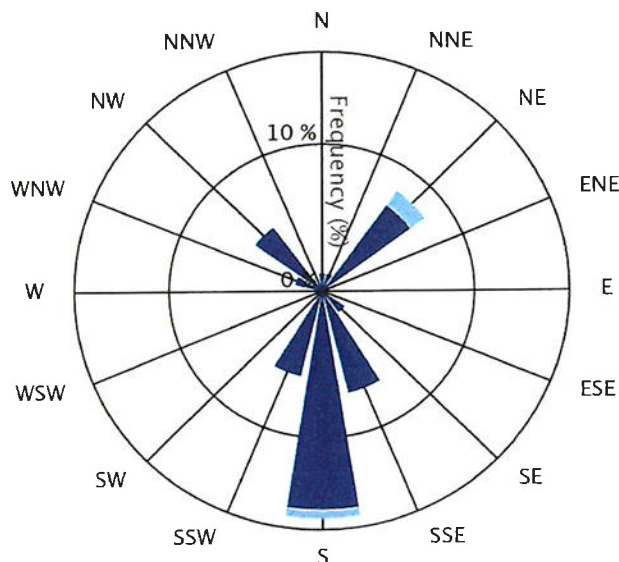
บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน) (โครงการ 3)

Sample No. 05778

จุดตรวจวัด : บ้านไร่โคกสนมอ (A5)

วันที่ตรวจวัด : 18-25 มีนาคม 2567

Calm 51.2 %


 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	1.2	0.0	0.0	0.0	0.0	0.0	1.2
NNE	1.2	0.0	0.0	0.0	0.0	0.0	1.2
NE	7.1	1.2	0.0	0.0	0.0	0.0	8.3
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	1.8	0.0	0.0	0.0	0.0	0.0	1.8
SSE	7.1	0.0	0.0	0.0	0.0	0.0	7.1
S	14.9	0.6	0.0	0.0	0.0	0.0	15.5
SSW	6.0	0.0	0.0	0.0	0.0	0.0	6.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	1.8	0.0	0.0	0.0	0.0	0.0	1.8
NW	5.4	0.0	0.0	0.0	0.0	0.0	5.4
NNW	0.6	0.0	0.0	0.0	0.0	0.0	0.6
Calm	51.2						

COPY

## แผนผังทิศทางและความเร็วลม

Request No. LA67-R0374

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

Sample No. 05778

จุดตรวจวัด : บ้านไร่โคกสนมอ (A5)

วันที่ตรวจวัด : 18-25 มีนาคม 2567

เวลา	18-19 มีนาคม 2567		19-20 มีนาคม 2567		20-21 มีนาคม 2567		21-22 มีนาคม 2567		22-23 มีนาคม 2567		23-24 มีนาคม 2567		24-25 มีนาคม 2567	
	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	0.4	S	0.4	S	0.4	NE	2.2	NE	0.4	WNW	0.9	S	0.4	S
12:00-13:00	0.4	S	0.9	S	0.9	SE	2.2	NE	0.4	NW	0.9	S	0.4	NW
13:00-14:00	0.4	S	1.3	S	0.4	SE	1.3	NE	0.4	NW	1.3	S	0.4	NW
14:00-15:00	0.9	WNW	1.3	SSW	0.0	-	0.9	NE	1.3	S	1.8	S	0.4	SSW
15:00-16:00	1.3	SSW	1.3	SSW	0.0	-	0.9	NE	1.3	S	1.8	S	0.4	S
16:00-17:00	0.4	NW	1.8	NNE	0.4	N	0.0	-	0.9	SSW	2.2	S	1.3	S
17:00-18:00	0.4	NNW	1.3	NNE	0.4	NW	0.4	SSW	0.9	S	1.8	S	0.9	SSW
18:00-19:00	0.4	S	0.9	NW	0.4	NW	0.4	SSW	0.9	SSE	1.8	S	0.4	SSW
19:00-20:00	0.9	SSE	0.4	NW	0.4	N	0.0	-	1.3	SSE	1.3	SSE	0.9	S
20:00-21:00	0.0	-	0.0	-	0.0	-	0.0	-	1.8	SSE	0.9	SSE	0.4	SSE
21:00-22:00	0.0	-	0.0	-	0.0	-	0.0	-	1.3	S	0.4	SSE	0.0	-
22:00-23:00	0.0	-	0.0	-	0.0	-	0.0	-	0.9	SSE	0.0	-	0.0	-
23:00-00:00	0.0	-	0.0	-	0.0	-	0.0	-	0.9	SSE	0.0	-	0.0	-
00:00-01:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
01:00-02:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
02:00-03:00	0.0	-	0.0	-	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	-	0.0	-	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	-	0.4	NE	0.0	-	0.0	-	0.0	-	0.0	-
07:00-08:00	0.0	-	0.0	-	1.3	NE	0.0	-	0.0	-	0.0	-	0.0	-
08:00-09:00	0.0	-	0.9	NE	1.3	NE	0.0	-	0.0	-	0.0	-	0.0	-
09:00-10:00	0.4	S	1.3	NE	0.9	NE	0.0	-	0.4	SE	0.4	SSE	0.0	-
10:00-11:00	0.4	SSW	0.4	NE	1.3	NE	0.4	WNW	0.4	SSE	0.9	S	0.4	S

COPY

Request No. LA67-R0374

Report No. R6703-3492

## TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)  
ADDRESS : 789 ม. 1 ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230  
SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)  
SAMPLE POINT : สำนักงานโครงการ (N1)  
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 00230989 : Class 1

SAMPLE NO. : 05774  
MEASURING DATE : 16-17/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

TIME \ DATE	16-17/03/2024 ( $L_{eq}$ )	16-17/03/2024 ( $L_{90}$ )	UNIT
12:00 - 13:00 <sup>/3</sup>	56.7	51.3	dB(A)
13:00 - 14:00	56.2	50.6	dB(A)
14:00 - 15:00	60.6	55.2	dB(A)
15:00 - 16:00	57.2	51.6	dB(A)
16:00 - 17:00	57.4	51.9	dB(A)
17:00 - 18:00	58.1	52.9	dB(A)
18:00 - 19:00	57.9	53.3	dB(A)
19:00 - 20:00	57.6	53.1	dB(A)
20:00 - 21:00	56.2	51.6	dB(A)
21:00 - 22:00	54.7	48.5	dB(A)
22:00 - 23:00	55.5	48.2	dB(A)
23:00 - 00:00	56.1	45.8	dB(A)
00:00 - 01:00	54.1	44.6	dB(A)
01:00 - 02:00	53.3	42.6	dB(A)
02:00 - 03:00	51.1	41.2	dB(A)
03:00 - 04:00	51.6	42.6	dB(A)
04:00 - 05:00	53.0	44.9	dB(A)
05:00 - 06:00	54.1	48.0	dB(A)
06:00 - 07:00	56.7	51.8	dB(A)
07:00 - 08:00	57.5	52.3	dB(A)
08:00 - 09:00	57.1	51.9	dB(A)
09:00 - 10:00	56.7	50.4	dB(A)
10:00 - 11:00	56.2	51.0	dB(A)
11:00 - 12:00	56.5	50.8	dB(A)
$L_{eq}$ 24 hr.	56.4	-	dB(A)
$L_{dn}$	61.3	-	dB(A)
Standard	70 <sup>/1</sup> , 70 <sup>/2</sup>	-	dB(A)

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

29/03/2024

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Request No. LA67-R0374

Report No. R6703-3493

## 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 (N1)  
 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 00230989 : Class 1

SAMPLE NO. : 05775  
 MEASURING DATE : 17-18/03/2024  
 RECEIVED DATE : 25/03/2024  
 REPORTED DATE : 29/03/2024

TIME \ DATE	17-18/03/2024 ( $L_{eq}$ )	17-18/03/2024 ( $L_{90}$ )	UNIT
12:00 - 13:00 <sup>1/3</sup>	56.0	49.9	dB(A)
13:00 - 14:00	56.8	52.7	dB(A)
14:00 - 15:00	57.1	51.4	dB(A)
15:00 - 16:00	55.6	51.4	dB(A)
16:00 - 17:00	55.4	50.5	dB(A)
17:00 - 18:00	57.9	52.1	dB(A)
18:00 - 19:00	56.8	52.6	dB(A)
19:00 - 20:00	56.6	50.5	dB(A)
20:00 - 21:00	55.8	49.7	dB(A)
21:00 - 22:00	54.1	47.4	dB(A)
22:00 - 23:00	52.5	45.2	dB(A)
23:00 - 00:00	51.6	44.4	dB(A)
00:00 - 01:00	50.2	41.9	dB(A)
01:00 - 02:00	52.2	41.0	dB(A)
02:00 - 03:00	50.6	40.5	dB(A)
03:00 - 04:00	51.9	44.5	dB(A)
04:00 - 05:00	54.0	46.8	dB(A)
05:00 - 06:00	56.5	51.1	dB(A)
06:00 - 07:00	60.4	56.0	dB(A)
07:00 - 08:00	61.5	56.3	dB(A)
08:00 - 09:00	59.3	53.9	dB(A)
09:00 - 10:00	59.3	53.6	dB(A)
10:00 - 11:00	60.7	54.9	dB(A)
11:00 - 12:00	59.2	54.8	dB(A)
$L_{eq}$ 24 hr.	57.0	-	dB(A)
$L_{dn}$	61.8	-	dB(A)
Standard	70 <sup>1/1</sup> , 70 <sup>1/2</sup>	-	dB(A)

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

\* Parameter Outside The Scope of The Regulation of The Department of Industrial Works

(Measurement By Mr. Tummarut Phumthong)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

29/03/2024

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA67-R0374

Report No. R6703-3494

## 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 (N1)  
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 00230989 : Class 1

SAMPLE NO. : 05776  
MEASURING DATE : 18-19/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

TIME \ DATE	18-19/03/2024 ( $L_{eq}$ )	18-19/03/2024 ( $L_{90}$ )	UNIT
12:00 - 13:00 <sup>1/3</sup>	59.1	54.3	dB(A)
13:00 - 14:00	58.1	52.9	dB(A)
14:00 - 15:00	59.1	55.2	dB(A)
15:00 - 16:00	60.0	56.4	dB(A)
16:00 - 17:00	60.0	56.4	dB(A)
17:00 - 18:00	58.4	55.0	dB(A)
18:00 - 19:00	57.9	54.1	dB(A)
19:00 - 20:00	57.7	52.9	dB(A)
20:00 - 21:00	57.3	52.3	dB(A)
21:00 - 22:00	56.6	50.8	dB(A)
22:00 - 23:00	56.1	49.0	dB(A)
23:00 - 00:00	56.8	47.7	dB(A)
00:00 - 01:00	55.1	46.2	dB(A)
01:00 - 02:00	54.8	45.6	dB(A)
02:00 - 03:00	53.7	45.7	dB(A)
03:00 - 04:00	54.9	47.2	dB(A)
04:00 - 05:00	56.3	48.4	dB(A)
05:00 - 06:00	56.7	51.6	dB(A)
06:00 - 07:00	58.4	53.9	dB(A)
07:00 - 08:00	60.4	55.9	dB(A)
08:00 - 09:00	59.9	54.8	dB(A)
09:00 - 10:00	64.2	58.2	dB(A)
10:00 - 11:00	61.7	55.8	dB(A)
11:00 - 12:00	59.8	56.1	dB(A)
$L_{eq}$ 24 hr.	58.7	-	dB(A)
$L_{dn}$	63.2	-	dB(A)
Standard	70 <sup>1/1</sup> , 70 <sup>1/2</sup>	-	dB(A)

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

29/03/2024

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Request No. LA67-R0374

Report No. R6703-3489

## 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 (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 00230987 : Class 1

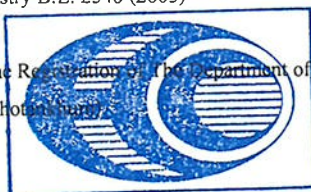
SAMPLE NO. : 05771  
MEASURING DATE : 16-17/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

TIME \ DATE	16-17/03/2024 ( $L_{eq}$ )	16-17/03/2024 ( $L_{90}$ )	UNIT
12:00 - 13:00 <sup>1/3</sup>	54.5	47.9	dB(A)
13:00 - 14:00	51.4	46.2	dB(A)
14:00 - 15:00	51.8	46.5	dB(A)
15:00 - 16:00	52.0	45.8	dB(A)
16:00 - 17:00	53.4	47.7	dB(A)
17:00 - 18:00	54.1	49.7	dB(A)
18:00 - 19:00	54.4	50.8	dB(A)
19:00 - 20:00	51.8	47.5	dB(A)
20:00 - 21:00	50.6	46.0	dB(A)
21:00 - 22:00	48.2	44.0	dB(A)
22:00 - 23:00	48.2	44.5	dB(A)
23:00 - 00:00	46.2	43.1	dB(A)
00:00 - 01:00	46.4	43.0	dB(A)
01:00 - 02:00	44.9	41.2	dB(A)
02:00 - 03:00	43.0	40.1	dB(A)
03:00 - 04:00	42.1	39.6	dB(A)
04:00 - 05:00	45.6	42.1	dB(A)
05:00 - 06:00	49.5	46.2	dB(A)
06:00 - 07:00	53.4	50.2	dB(A)
07:00 - 08:00	55.2	49.7	dB(A)
08:00 - 09:00	53.6	48.1	dB(A)
09:00 - 10:00	54.8	49.1	dB(A)
10:00 - 11:00	54.3	48.9	dB(A)
11:00 - 12:00	52.8	46.5	dB(A)
$L_{eq}$ 24 hr.	51.9	-	dB(A)
$L_{dn}$	55.6	-	dB(A)
Standard	70 <sup>1/1</sup> , 70 <sup>2/2</sup>	-	dB(A)

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

\* Parameter Outside The Scope of The Regulation of The Department of Industrial Works

(Measurement By Mr. Tummarut Photanasarn)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

29/03/2024

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Request No. LA67-R0374

Report No. R6703-3490

## 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.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 05772  
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 17-18/03/2024  
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 25/03/2024  
 S/N 00230987 : Class 1 REPORTED DATE : 29/03/2024

TIME \ DATE	17-18/03/2024 ( $L_{eq}$ )	17-18/03/2024 ( $L_{90}$ )	UNIT
12:00 - 13:00 <sup>1/3</sup>	51.4	45.2	dB(A)
13:00 - 14:00	52.9	46.9	dB(A)
14:00 - 15:00	51.9	47.0	dB(A)
15:00 - 16:00	51.2	45.9	dB(A)
16:00 - 17:00	52.6	47.4	dB(A)
17:00 - 18:00	53.0	47.7	dB(A)
18:00 - 19:00	54.3	51.4	dB(A)
19:00 - 20:00	51.0	45.3	dB(A)
20:00 - 21:00	50.2	44.3	dB(A)
21:00 - 22:00	46.9	42.1	dB(A)
22:00 - 23:00	44.8	39.9	dB(A)
23:00 - 00:00	42.7	38.6	dB(A)
00:00 - 01:00	42.2	38.1	dB(A)
01:00 - 02:00	43.1	38.2	dB(A)
02:00 - 03:00	43.8	36.9	dB(A)
03:00 - 04:00	40.6	37.0	dB(A)
04:00 - 05:00	44.2	39.8	dB(A)
05:00 - 06:00	49.6	46.8	dB(A)
06:00 - 07:00	55.0	50.5	dB(A)
07:00 - 08:00	56.0	51.8	dB(A)
08:00 - 09:00	54.2	48.7	dB(A)
09:00 - 10:00	53.4	48.0	dB(A)
10:00 - 11:00	53.0	47.9	dB(A)
11:00 - 12:00	52.7	48.8	dB(A)
$L_{eq}$ 24 hr.	51.5	-	dB(A)
$L_{dn}$	55.4	-	dB(A)
Standard	70 <sup>1/1</sup> , 70 <sup>1/2</sup>	-	dB(A)

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By:   
(MRS. WANPEN LHAOCHINDAWAT)

29/03/2024

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Request No. LA67-R0374

Report No. R6703-3491

## 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 (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 00230987 : Class 1

SAMPLE NO. : 05773  
 MEASURING DATE : 18-19/03/2024  
 RECEIVED DATE : 25/03/2024  
 REPORTED DATE : 29/03/2024

TIME \ DATE	18-19/03/2024 ( $L_{eq}$ )	18-19/03/2024 ( $L_{90}$ )	UNIT
12:00 - 13:00 <sup>/3</sup>	53.2	48.6	dB(A)
13:00 - 14:00	52.2	47.3	dB(A)
14:00 - 15:00	55.9	53.3	dB(A)
15:00 - 16:00	53.7	50.5	dB(A)
16:00 - 17:00	52.8	48.3	dB(A)
17:00 - 18:00	53.8	50.3	dB(A)
18:00 - 19:00	54.2	51.4	dB(A)
19:00 - 20:00	52.9	49.0	dB(A)
20:00 - 21:00	53.2	49.9	dB(A)
21:00 - 22:00	50.2	48.2	dB(A)
22:00 - 23:00	47.7	44.7	dB(A)
23:00 - 00:00	46.2	44.1	dB(A)
00:00 - 01:00	45.9	44.1	dB(A)
01:00 - 02:00	44.9	43.8	dB(A)
02:00 - 03:00	44.9	43.4	dB(A)
03:00 - 04:00	44.7	43.6	dB(A)
04:00 - 05:00	46.8	44.5	dB(A)
05:00 - 06:00	49.8	46.8	dB(A)
06:00 - 07:00	54.0	49.7	dB(A)
07:00 - 08:00	56.2	52.0	dB(A)
08:00 - 09:00	53.8	49.0	dB(A)
09:00 - 10:00	52.4	47.5	dB(A)
10:00 - 11:00	53.3	48.7	dB(A)
11:00 - 12:00	53.3	48.9	dB(A)
$L_{eq}$ 24 hr.	52.3	-	dB(A)
$L_{dn}$	56.1	-	dB(A)
Standard	70 <sup>/1</sup> , 70 <sup>/2</sup>	-	dB(A)

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

29/03/2024

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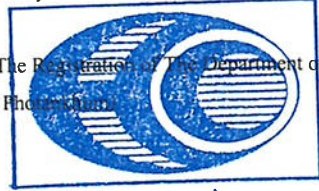
Request No. LA67-R0374  
Report No. R6703-3486

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 (N3)  
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 00230993 : Class 1  
SAMPLE NO. : 05768  
MEASURING DATE : 16-17/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

TIME \ DATE	16-17/03/2024 ( $L_{eq}$ )	16-17/03/2024 ( $L_{90}$ )	UNIT
12:00 - 13:00 <sup>1/3</sup>	57.8	50.0	dB(A)
13:00 - 14:00	56.4	47.6	dB(A)
14:00 - 15:00	58.6	48.2	dB(A)
15:00 - 16:00	57.6	46.6	dB(A)
16:00 - 17:00	57.6	46.2	dB(A)
17:00 - 18:00	59.7	49.7	dB(A)
18:00 - 19:00	64.6	62.1	dB(A)
19:00 - 20:00	64.5	47.9	dB(A)
20:00 - 21:00	53.0	46.8	dB(A)
21:00 - 22:00	51.2	46.2	dB(A)
22:00 - 23:00	49.2	45.6	dB(A)
23:00 - 00:00	50.2	44.7	dB(A)
00:00 - 01:00	46.6	42.4	dB(A)
01:00 - 02:00	44.9	41.3	dB(A)
02:00 - 03:00	48.1	41.3	dB(A)
03:00 - 04:00	46.9	41.0	dB(A)
04:00 - 05:00	47.8	41.6	dB(A)
05:00 - 06:00	54.4	44.2	dB(A)
06:00 - 07:00	67.3	63.6	dB(A)
07:00 - 08:00	61.4	48.0	dB(A)
08:00 - 09:00	58.3	47.1	dB(A)
09:00 - 10:00	59.6	47.7	dB(A)
10:00 - 11:00	61.2	48.5	dB(A)
11:00 - 12:00	57.2	46.8	dB(A)
$L_{eq}$ 24 hr.	59.4	-	dB(A)
$L_{dn}$	65.0	-	dB(A)
Standard	$70^{1/1}, 70^{1/2}$	-	dB(A)

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....  
(MRS. WANPEN LHAOCHINDAWAT)  
29/03/2024

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COPY

Request No. LA67-R0374

Report No. R6703-3487

## 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 : บ้านไร่โคกสมอ (N3)  
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 00230993 : Class 1

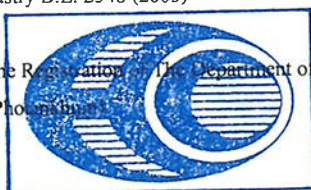
SAMPLE NO. : 05769  
MEASURING DATE : 17-18/03/2024  
RECEIVED DATE : 25/03/2024  
REPORTED DATE : 29/03/2024

TIME \ DATE	17-18/03/2024 ( $L_{eq}$ )	17-18/03/2024 ( $L_{90}$ )	UNIT
12:00 - 13:00 <sup>1/3</sup>	57.9	48.6	dB(A)
13:00 - 14:00	59.3	49.4	dB(A)
14:00 - 15:00	56.6	46.2	dB(A)
15:00 - 16:00	58.2	45.9	dB(A)
16:00 - 17:00	58.5	46.4	dB(A)
17:00 - 18:00	57.8	48.0	dB(A)
18:00 - 19:00	61.9	57.1	dB(A)
19:00 - 20:00	49.7	45.6	dB(A)
20:00 - 21:00	51.8	45.1	dB(A)
21:00 - 22:00	49.1	44.3	dB(A)
22:00 - 23:00	49.6	43.1	dB(A)
23:00 - 00:00	53.2	42.0	dB(A)
00:00 - 01:00	44.7	41.3	dB(A)
01:00 - 02:00	41.1	39.0	dB(A)
02:00 - 03:00	48.7	38.6	dB(A)
03:00 - 04:00	48.6	39.4	dB(A)
04:00 - 05:00	48.2	41.2	dB(A)
05:00 - 06:00	56.3	43.9	dB(A)
06:00 - 07:00	68.9	62.5	dB(A)
07:00 - 08:00	61.9	51.3	dB(A)
08:00 - 09:00	60.3	48.9	dB(A)
09:00 - 10:00	61.6	49.5	dB(A)
10:00 - 11:00	58.9	48.1	dB(A)
11:00 - 12:00	56.7	45.7	dB(A)
$L_{eq}$ 24 hr.	59.2	-	dB(A)
$L_{dn}$	66.1	-	dB(A)
Standard	$70^{1/1}, 70^{1/2}$	-	dB(A)

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

\* Parameter Outside The Scope of The Regulation of The Department of Industrial Works

(Measurement By Mr. Tummarut Phomphum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

29/03/2024

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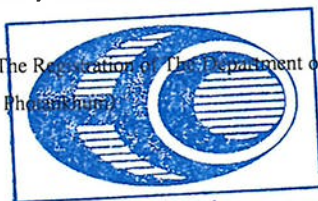
Request No. LA67-R0374

Report No. R6703-3488

## TEST REPORT

CUSTOMER : บริษัท ปิ่นทอง อินดัสเตรียล ปาร์ค จำกัด (มหาชน)  
 ADDRESS : 789 ม. 1 ต. หนองขาม อ. ศรีราชา จ. ชลบุรี 20230  
 SAMPLE SOURCE : ปิ่นทอง อินดัสเตรียล ปาร์ค (โครงการ 3)  
 SAMPLE POINT : บ้านไร่โคกสนมอ (N3)  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 05770  
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 18-19/03/2024  
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 25/03/2024  
 S/N 00230993 : Class 1 REPORTED DATE : 29/03/2024

TIME \ DATE	18-19/03/2024 ( $L_{eq}$ )	18-19/03/2024 ( $L_{90}$ )	UNIT
12:00 - 13:00 <sup>/3</sup>	57.1	46.9	dB(A)
13:00 - 14:00	55.1	47.3	dB(A)
14:00 - 15:00	64.1	59.9	dB(A)
15:00 - 16:00	58.6	53.5	dB(A)
16:00 - 17:00	57.9	46.4	dB(A)
17:00 - 18:00	55.1	48.3	dB(A)
18:00 - 19:00	59.7	53.5	dB(A)
19:00 - 20:00	51.8	47.9	dB(A)
20:00 - 21:00	50.2	47.7	dB(A)
21:00 - 22:00	51.7	44.6	dB(A)
22:00 - 23:00	46.3	43.6	dB(A)
23:00 - 00:00	44.6	43.4	dB(A)
00:00 - 01:00	50.7	42.5	dB(A)
01:00 - 02:00	45.0	41.6	dB(A)
02:00 - 03:00	43.3	42.0	dB(A)
03:00 - 04:00	45.5	41.3	dB(A)
04:00 - 05:00	46.0	42.3	dB(A)
05:00 - 06:00	53.7	44.0	dB(A)
06:00 - 07:00	61.1	57.8	dB(A)
07:00 - 08:00	60.6	51.2	dB(A)
08:00 - 09:00	57.8	49.2	dB(A)
09:00 - 10:00	59.4	47.1	dB(A)
10:00 - 11:00	59.0	47.4	dB(A)
11:00 - 12:00	58.2	50.2	dB(A)
$L_{eq}$ 24 hr.	57.1	-	dB(A)
$L_{dn}$	60.8	-	dB(A)
Standard	70 <sup>/1</sup> , 70 <sup>/2</sup>	-	dB(A)

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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

29/03/2024

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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. 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. Siracha, Chonburi 20230 Thailand  
**Sampling By** : CLIENT  
**Sampling Method** : GRAB  
**Sampling Name** : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 3), EQ Tank  
**Sampling Date** : 03/01/24 **Report No.** : 670001-R0003  
**Sampling Time** : 09.20 AM **Report Date** : 18/01/24  
**Sample No.** : WW 0003/67 **Received Date** : 03/01/24  
**Container of Sample** : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L **Analytical Date** : 03/01/24-15/01/24

Item / Parameter	Unit	Method <sup>1/</sup>	Result
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	16
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	44
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	32
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	30
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3
pH	-	Electrometric Method (SM 4500-H <sup>+</sup> B)	7.4
Temperature	°C	Laboratory and Field Method (SM 2550 B)	27.9
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	500
Total Kjeldahl Nitrogen (TKN)	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM 4500-N <sub>org</sub> B and 4500-NH <sub>3</sub> C)	26.7
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	78
Sulfide	mg/L as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM 4500-S <sub>2</sub> <sup>-</sup> F)	<0.5

**Physical Appearance** : Yellowish, Lightly SS**Remark** : <sup>1/</sup> SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :

(Miss Panida Ruamlarp)

2-341-2-0002

18/01/24



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

**COPY**

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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

### 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 : 03/01/24 Report No. : 670001-R0003  
Sampling Time : 09.20 AM Report Date : 18/01/24  
Sample No. : WW 0003/67 Received Date : 03/01/24  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 03/01/24-15/01/24

Item / Parameter	Unit	Method	Result
Free Chlorine	mg/L	Portable Photometer	0.00

Physical Appearance : Yellowish, Lightly SS

Remark :

Review by :

*Songkran M.*

(Mr. Songkran Malaithong)

18/01/24

Approved by :

*P.a.*

(Miss Panida Ruamlarp)

18/01/24



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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## Test Report

Request No : W6701004

Report No : 6701-0733

Customer : Pinthong Industrial Park Public Company Limited\*\*

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

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3\*\*

Sample No : W 67010005

Sample Name : EQ Tank\*\*

Sampling Date : 03/01/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:20 AM\*\*

Sampling Method : Grab\*\*

Received Date : 04/01/2024

Tested Date : 04/01/2024 - 13/01/2024

Reported Date : 15/01/2024

Parameter	Unit	Method	Result
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0028
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 : white, 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.

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) \*

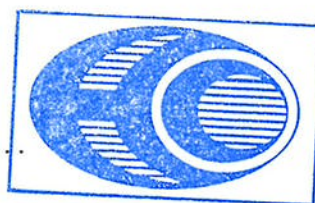
4. \*\* = These data are non laboratory data.

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

15/01/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

15/01/2024

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## Test Report

Request No : W6701004

Report No : 6701-0733

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 67010005

Sample Name : EQ Tank\*\*

Sampling Date : 03/01/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:20 AM\*\*

Sampling Method : Grab\*\*

Received Date : 04/01/2024

Tested Date : 04/01/2024 - 13/01/2024

Reported Date : 15/01/2024

Parameter	Unit	Method	Result
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	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)	0.46
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 : white, 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,

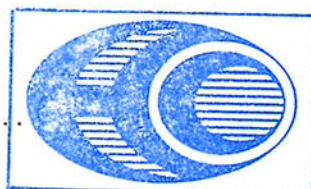
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

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)  
15/01/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :   
(Miss Nunnaphat Bakhuntod)  
(จ-003-ก-0005)  
15/01/2024

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## Test Report

Request No : W6701004

Report No : 6701-0733

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 67010005

Sample Name : EQ Tank\*\*

Sampling Date : 03/01/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:20 AM\*\*

Sampling Method : Grab\*\*

Received Date : 04/01/2024

Tested Date : 04/01/2024 - 13/01/2024

Reported Date : 15/01/2024

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)	0.20

Physical Apperance : 1. Sample : white, 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.

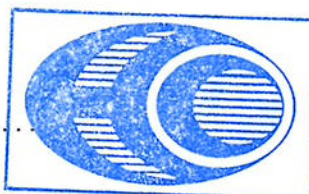
2. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

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

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

Examined By : .....

(Miss Apiradee Chuen-arom)  
(จ-003-ท-0007)  
15/01/2024



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Approved By : .....

(Miss Nunnaphat Bakhuntod)  
(จ-003-ท-0005)  
15/01/2024

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## Test Report

Request No : W6701004

Report No : 6701-0733

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 67010005

Sample Name : EQ Tank\*\* Sampling Date : 03/01/2024\*\*

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

Sampling Method : Grab\*\* Received Date : 04/01/2024

Tested Date : 04/01/2024 - 13/01/2024 Reported Date : 15/01/2024

Parameter	Unit	Method	Result
Flow Rate *	m <sup>3</sup> /day	Calculation Method	840.0
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.37
Phosphorus *	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	5.88
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05

Physical Appearance : 1. Sample : white, turbid

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

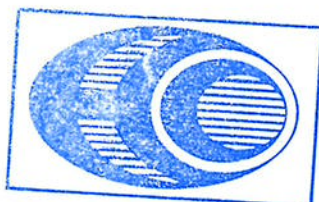
Remark : 1. Parameter Outside The Scope of The Registration of Department of Industrial Works

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 Nunnaphat Bakhuntod is Technical Management.

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

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



บริษัท อีสเทิร์นไทยคอนซัลต์ 1992 จำกัด

Examined By : 

(Miss Nunnaphat Bakhuntod)  
15/01/2024

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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. 321 , E-mail : grp-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. Siracha, Chonburi 20230 Thailand  
Sampling By : CLIENT  
Sampling Method : GRAB  
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 3), EQ Tank  
Sampling Date : 01/02/24 Report No. : 670001-R0451  
Sampling Time : 10:40AM Report Date : 21/02/24  
Sample No. : WW0488/67 Received Date : 01/02/24  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 01/02/24-19/02/24

Item / Parameter	Unit	Method <sup>2/</sup>	Result	Standard <sup>1/</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	13	-
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	61	-
Temperature	°C	Laboratory and Field Method (SM 2550 B)	31.1	-
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	772	-
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	264	-
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	-
Total Kjeldahl Nitrogen (TKN)	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH <sub>3</sub> C)	23.2	-
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	21	-
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	22	-
Sulfide	mg/l as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM 4500-S <sub>2</sub> - F)	<0.5	-
Physical Appearance	: Yellow Turbid , Medium SS			

Remark : <sup>1/</sup> 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.

*P.O.*  
(Miss Panida Ruamlarp)  
1-341-P-0002  
21/02/24

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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. 321 , E-mail : grp-lab@pin-pure.com

### 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 : 01/02/24 Report No. : 670001-R0451  
Sampling Time : 10:40AM Report Date : 21/02/24  
Sample No. : WW0488/67 Received Date : 01/02/24  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 01/02/24-19/02/24

Item / Parameter	Unit	Method	Result	Standard <sup>1/</sup>
pH (On site)	-	Electrometric Method	7.0	-
Free Chlorine	mg/L	Portable Photometer	0.00	-

Physical Appearance : Yellow Turbid , Medium SS

Remark :

Review by :

*Songkran M.*

(Mr. Songkran Malaithong)

21/02/24

Approved by :

*P. Ruamlarp*

(Miss Panida Ruamlarp)

21/02/24



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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## Test Report

Request No : W6702050

Report No : 6702-0529

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 67020142

Sample Name : EQ Tank\*\*

Sampling Date : 01/02/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 10:40 AM\*\*

Sampling Method : Grab\*\*

Received Date : 02/02/2024

Tested Date : 02/02/2024 - 10/02/2024

Reported Date : 12/02/2024

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 : white, lightly SS

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.

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-ท-0018) \*

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

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

12/02/2024



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Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

12/02/2024

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## Test Report

Request No : W6702050

Report No : 6702-0529

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 67020142

Sample Name : EQ Tank\*\*

Sampling Date : 01/02/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 10:40 AM\*\*

Sampling Method : Grab\*\*

Received Date : 02/02/2024

Tested Date : 02/02/2024 - 10/02/2024

Reported Date : 12/02/2024

Parameter	Unit	Method	Result
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	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)	0.26
Mercury #	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.09

Physical Apperance : 1. Sample : white, lightly SS

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-ท-0007)

12/02/2024



Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

12/02/2024

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Request No : W6702050

Report No : 6702-0529

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 67020142

Sample Name : EQ Tank\*\*

Sampling Date : 01/02/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 10:40 AM\*\*

Sampling Method : Grab\*\*

Received Date : 02/02/2024

Tested Date : 02/02/2024 - 10/02/2024

Reported Date : 12/02/2024

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)	0.38

Physical Apperance : 1. Sample : white, lightly SS

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)

12/02/2024



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Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

12/02/2024

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## Test Report

Customer : Pinthong Industrial Park Public Company Limited\*\*

Request No : W6702050

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

Report No : 6702- 0529

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3\*\*

Sample No : W 67020142

Sample Name : EQ Tank\*\*

Sampling Date : 01/02/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 10:40 AM\*\*

Sampling Method : Grab\*\*

Received Date : 02/02/2024

Tested Date : 02/02/2024 - 10/02/2024

Reported Date : 12/02/2024

Parameter	Unit	Method	Result
Flow Rate *	m <sup>3</sup> /day	Calculation Method	1,432
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.29
Phosphorus *	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	3.41
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05

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

- Remark : 1. Parameter Outside The Scope of The Registration of Department of Industrial Works  
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 Nunnaphat Bakhuntod is Technical Management.  
4. \* = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthanee Saiphan \*  
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Examined By : .....

(Miss Nunnaphat Bakhuntod)  
12/02/2024

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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. 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 : ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ 3), EQ Tank  
Sampling Date : 04/03/67 Report No. : 670001-R0721  
Sampling Time : 10.18 AM Report Date : 20/03/67  
Sample No. : WW0787/67 Received Date : 04/03/67  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 04/03/67-15/03/67

Item / Parameter	Unit	Method <sup>1/</sup>	Result
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	13
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	60
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	32
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	32
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3
Temperature	°C	Laboratory and Field Method (SM 2550 B)	31.4
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	656
Total Kjeldahl Nitrogen (TKN)	mg/l as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM 4500-N <sub>org</sub> B and 4500-NH <sub>3</sub> C)	36.6
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	47.0
Sulfide	mg/l as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM 4500-S <sub>2</sub> <sup>-</sup> F)	1.1

Physical Appearance : Yellow Turbid, Medium SS

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

Approved by :

(Miss Panida Ruamlarp)

2-341-ค-0002

20/03/67



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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 : ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ 3), EQ Tank  
Sampling Date : 04/03/67 Report No. : 670001-R0721  
Sampling Time : 10.18 AM Report Date : 20/03/67  
Sample No. : WW0787/67 Received Date : 04/03/67  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 04/03/67-15/03/67

Item / Parameter	Unit	Method	Result
pH (On site)	-	Electrometric Method	7.2
Free Chlorine	mg/L	Portable Photometer	0.00

---

Physical Appearance : Yellow Turbid, Medium SS

---

Remark :

Review by :

(Mr. Songkran Malaithong)

20/03/67

Approved by :

(Miss Panida Ruamlarp)

20/03/67



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## Test Report

Request No : W6703075

Report No : 6703-0888

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 67030209

Sample Name : EQ Tank\*\* Sampling Date : 04/03/2024\*\*

Sampling By : ETC\*\* Sampling Time : 10:15 AM\*\*

Sampling Method : Grab\*\* Received Date : 05/03/2024

Tested Date : 05/03/2024 - 14/03/2024 Reported Date : 18/03/2024

Parameter	Unit	Method	Result
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0021
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 : yellowish, turbid

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

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.

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

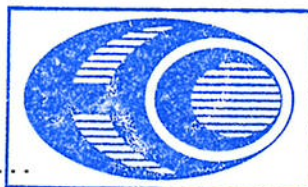
3. \* = Test Report/Sampling marked Not Accredited, Sampling By Miss Janthance Saiphan (จ-003-ค-0018) \*

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

Examined By : .....

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

18/03/2024



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Approved By : .....

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

18/03/2024

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## Test Report

Request No : W6703075

Report No : 6703-0888

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 67030209

Sample Name : EQ Tank\*\*

Sampling Date : 04/03/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 10:15 AM\*\*

Sampling Method : Grab\*\*

Received Date : 05/03/2024

Tested Date : 05/03/2024 - 14/03/2024

Reported Date : 18/03/2024

Parameter	Unit	Method	Result
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	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)	0.79
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 Appearance : 1. Sample : yellowish, turbid

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

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

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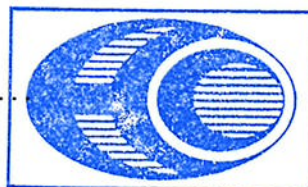
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(Miss Nunnaphat Bakhuntod)  
(จ-003-ค-0005)

18/03/2024

## Test Report

Request No : W6703075

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

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3\*\* Sample No : W 67030209

Sample Name : EQ Tank\*\* Sampling Date : 04/03/2024\*\*

Sampling By : ETC\*\* Sampling Time : 10:15 AM\*\*

Sampling Method : Grab\*\* Received Date : 05/03/2024

Tested Date : 05/03/2024 - 14/03/2024 Reported Date : 18/03/2024

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 Appearance : 1. Sample : yellowish, turbid

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

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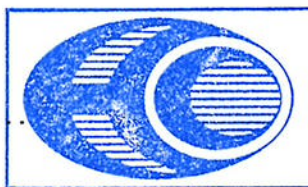
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Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

18/03/2024



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Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

18/03/2024

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## Test Report

Customer : Pinthong Industrial Park Public Company Limited\*\*

Request No : W6703075

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

Report No : 6703- 0888

Sampling Source : ระบบบำบัดน้ำเสียนคมปิ่นทอง โครงการ 3\*\*

Sample No : W 67030209

Sample Name : EQ Tank\*\*

Sampling Date : 04/03/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 10:15 AM\*\*

Sampling Method : Grab\*\*

Received Date : 05/03/2024

Tested Date : 05/03/2024 - 14/03/2024

Reported Date : 18/03/2024

Parameter	Unit	Method	Result
Flow Rate *	m <sup>3</sup> /day	Calculation Method	1,360
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.46
Phosphorus *	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	7.85
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 ]

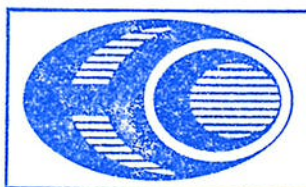
Remark : 1. Parameter Outside The Scope of The Registration of Department of Industrial Works

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Examined By : .....

(Miss Nunnaphat Bakhuntod)  
18/03/2024

**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 : ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ 3), EQ Tank  
Sampling Date : 01/04/67 Report No. : 670001-R1062  
Sampling Time : 11.10 AM Report Date : 24/04/67  
Sample No. : WW1163/67 Received Date : 01/04/67  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 01/04/67-19/04/67

Item / Parameter	Unit	Method <sup>1/</sup>	Result
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	124
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	237
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	41
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	39
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3
Temperature	°C	Laboratory and Field Method (SM 2550 B)	31.9
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	440
Total Kjeldahl Nitrogen (TKN)	mg/l as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM 4500-N <sub>org</sub> B and 4500-NH <sub>3</sub> C)	37.3
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	80.0
Sulfide	mg/l as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM 4500-S <sup>2-</sup> F)	3.6

Physical Appearance : Yellow Turbid, Medium SS

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

Approved by :

(Miss Panida Ruamlarp)

จ-341-ค-0002

24/04/67



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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. 321 , E-mail : grp-lab@pin-pure.com

### 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 : ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ 3), EQ Tank  
Sampling Date : 01/04/67 Report No. : 670001-R1062  
Sampling Time : 11.10 AM Report Date : 24/04/67  
Sample No. : WW1163/67 Received Date : 01/04/67  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 01/04/67-19/04/67

Item / Parameter	Unit	Method	Result
pH (On site)	-	Electrometric Method	6.9
Free Chlorine	mg/L	Portable Photometer	0.00

Physical Appearance : Yellow Turbid, Medium SS

Remark :

Review by :

(Mr. Songkran Malaithong)

24/04/67

Approved by :

(Miss Panida Ruamlarp)

24/04/67



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## Test Report

Request No : W6704019

Report No : 6704-0836

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 67040094

Sample Name : EQ Tank\*\* Sampling Date : 01/04/2024\*\*

Sampling By : ETC\*\* Sampling Time : 11:10 AM\*\*

Sampling Method : Grab\*\* Received Date : 02/04/2024

Tested Date : 02/04/2024 - 12/04/2024 Reported Date : 18/04/2024

Parameter	Unit	Method	Result
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0039
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.06
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 1.0 L ]

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.

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 (๑-003-๓-0018) \*

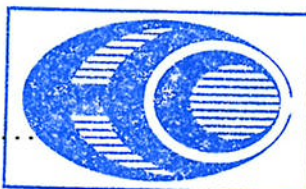
4. \*\* = These data are non laboratory data.

Examined By : .....

(Miss Apiradee Chuen-arom)

(๑-003-๓-0007)

18/04/2024



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Approved By : .....

(Miss Nunnaphat Bakhuntod)

(๑-003-๓-0005)

18/04/2024

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## Test Report

Request No : W6704019

Report No : 6704-0836

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 67040094

Sample Name : EQ Tank\*\* Sampling Date : 01/04/2024\*\*

Sampling By : ETC\*\* Sampling Time : 11:10 AM\*\*

Sampling Method : Grab\*\* Received Date : 02/04/2024

Tested Date : 02/04/2024 - 12/04/2024 Reported Date : 18/04/2024

Parameter	Unit	Method	Result
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	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)	0.88
Mercury #	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	< 0.0010
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.28

Physical Apperance : 1. Sample : yellow, turbid

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

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

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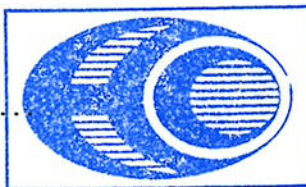
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4. \*\* = These data are non laboratory data.

Examined By : .....

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

18/04/2024



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Approved By : .....

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

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## Test Report

Request No : W6704019

Report No : 6704-0836

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 67040094

Sample Name : EQ Tank\*\* Sampling Date : 01/04/2024\*\*

Sampling By : ETC\*\* Sampling Time : 11:10 AM\*\*

Sampling Method : Grab\*\* Received Date : 02/04/2024

Tested Date : 02/04/2024 - 12/04/2024 Reported Date : 18/04/2024

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)	1.90

Physical Apperance : 1. Sample : yellow, turbid

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

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

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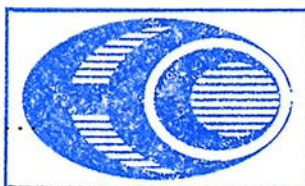
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Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

18/04/2024



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Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

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## Test Report

Request No : W6704019

Report No : 6704-0836

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 67040094

Sample Name : EQ Tank\*\*

Sampling Date : 01/04/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 11:10 AM\*\*

Sampling Method : Grab\*\*

Received Date : 02/04/2024

Tested Date : 02/04/2024 - 12/04/2024

Reported Date : 18/04/2024

Parameter	Unit	Method	Result
Flow Rate *	m <sup>3</sup> /day	Calculation Method	1,432
Iron *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	2.35
Phosphorus *	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	12.7
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 1.0 L ]

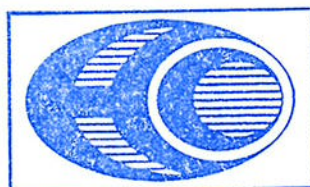
Remark : 1. Parameter Outside The Scope of The Registration of Department of Industrial Works

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 Nunnaphat Bakhuntod is Technical Management.

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Examined By : 

(Miss Nunnaphat Bakhuntod)  
18/04/2024

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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. 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. Siracha, Chonburi 20230 Thailand  
**Sampling By** : CLIENT  
**Sampling Method** : GRAB  
**Sampling Name** : ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ 3), EQ Tank  
**Sampling Date** : 02/05/67 **Report No.** : 670001-R1417  
**Sampling Time** : 11.20 AM **Report Date** : 27/05/67  
**Sample No.** : WW1556/67 **Received Date** : 02/05/67  
**Container of Sample** : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L **Analytical Date** : 02/05/67-17/05/67

Item / Parameter	Unit	Method <sup>1/</sup>	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, Colorimetric Method (SM 5220 D)	156
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	29
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	29
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	3.4
Temperature	°C	Laboratory and Field Method (SM 2550 B)	34.5
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	740
Total Kjeldahl Nitrogen (TKN)	mg/l as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM 4500-N <sub>org</sub> B and 4500-NH <sub>3</sub> C)	20.7
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	124
Sulfide	mg/l as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM 4500-S <sup>2-</sup> F)	0.8

**Physical Appearance** : Yellow Turbid, Highly SS**Remark** : <sup>1/</sup> SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :

(Miss Panida Ruamlarp)

7-341-0-0002

27/05/67



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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

**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 : ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ 3), EQ Tank  
Sampling Date : 02/05/67 Report No. : 670001-R1417  
Sampling Time : 11.20 AM Report Date : 27/05/67  
Sample No. : WW1556/67 Received Date : 02/05/67  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 02/05/67-17/05/67

Item / Parameter	Unit	Method	Result
pH (On site)	-	Electrometric Method	7.2
Free Chlorine	mg/L	Portable Photometer	0.02

Physical Appearance : Yellow Turbid, Highly SS

Remark :

Review by :

  
(Mr. Songkran Malaithong)  
27/05/67

Approved by :

  
(Miss Panida Ruamlarp)  
27/05/67



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## Test Report

Request No : W6705028

Report No : 6705-0687

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 67050131

Sample Name : EQ Tank\*\*

Sampling Date : 02/05/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 11:20 AM\*\*

Sampling Method : Grab\*\*

Received Date : 03/05/2024

Tested Date : 03/05/2024 - 10/05/2024

Reported Date : 15/05/2024

Parameter	Unit	Method	Result
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0025
Barium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07
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 1.0 L ]

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.

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-ท-0018) \*

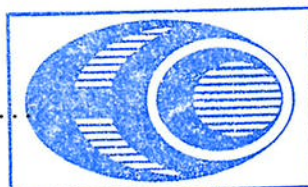
4. \*\* = These data are non laboratory data.

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

15/05/2024



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Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

15/05/2024

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## Test Report

Request No : W6705028

Report No : 6705-0687

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 67050131

Sample Name : EQ Tank\*\* Sampling Date : 02/05/2024\*\*

Sampling By : ETC\*\* Sampling Time : 11:20 AM\*\*

Sampling Method : Grab\*\* Received Date : 03/05/2024

Tested Date : 03/05/2024 - 10/05/2024 Reported Date : 15/05/2024

Parameter	Unit	Method	Result
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	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)	0.72
Mercury #	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	<0.0010
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.14

Physical Appearance : 1. Sample : yellow, turbid

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

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

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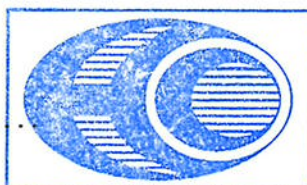
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Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

15/05/2024



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Approved By : .....

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(จ-003-ท-0005)

15/05/2024

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## Test Report

Request No : W6705028

Report No : 6705-0687

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 67050131

Sample Name : EQ Tank\*\* Sampling Date : 02/05/2024\*\*

Sampling By : ETC\*\* Sampling Time : 11:20 AM\*\*

Sampling Method : Grab\*\* Received Date : 03/05/2024

Tested Date : 03/05/2024 - 10/05/2024 Reported Date : 15/05/2024

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)	1.67

Physical Apperance : 1. Sample : yellow, turbid

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

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

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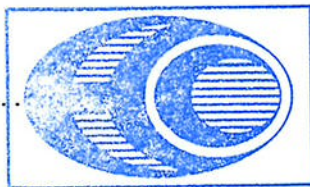
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4. \*\* = These data are non laboratory data.

Examined By : .....

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

15/05/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

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

15/05/2024

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## Test Report

Request No : W6705028

Report No : 6705- 0687

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 67050131

Sample Name : EQ Tank\*\*

Sampling Date : 02/05/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 11:20 AM\*\*

Sampling Method : Grab\*\*

Received Date : 03/05/2024

Tested Date : 03/05/2024 - 10/05/2024

Reported Date : 15/05/2024

Parameter	Unit	Method	Result
Flow Rate *	m <sup>3</sup> /day	Calculation Method	1,416
Iron @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.87
Phosphorus *	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	3.88
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 1.0 L ]

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

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 Nunnaphat Bakhuntod is Technical Management.

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

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



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Nunnaphat Bakhuntod)

15/05/2024

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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. 321 , E-mail : grp-lab@pin-pure.com

REGISTERED LAB NO. ๓-341

**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 : ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ 3), EQ Tank  
Sampling Date : 04/06/67 Report No. : 670001-R1844  
Sampling Time : 10.30 AM Report Date : 19/06/67  
Sample No. : WW2008/67 Received Date : 04/06/67  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 04/06/67-17/06/67

Item / Parameter	Unit	Method <sup>1/</sup>	Result
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	42
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	144
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	38
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	35
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	6.1
Temperature	°C	Laboratory and Field Method (SM 2550 B)	32.8
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	288
Total Kjeldahl Nitrogen (TKN)	mg/l as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM 4500-N <sub>org</sub> B and 4500-NH <sub>3</sub> C)	38.0
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	120
Sulfide	mg/l as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM 4500-S <sup>2-</sup> F)	0.8

**Physical Appearance :** Yellowish, Lightly SS**Remark :** <sup>1/</sup> 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)

๓-341-๓-0002

19/06/67

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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

**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 : ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ 3), EQ Tank  
Sampling Date : 04/06/67 Report No. : 670001-R1844  
Sampling Time : 10.30 AM Report Date : 19/06/67  
Sample No. : WW2008/67 Received Date : 04/06/67  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 04/06/67-17/06/67

Item / Parameter	Unit	Method	Result
pH (On site)	-	Electrometric Method	7.1
Free Chlorine	mg/L	Portable Photometer	0.00


Physical Appearance : Yellowish, Lightly SS

Remark :

Review by :

  
(Mr. Songkran Malaitong)  
19/06/67

Approved by :

  
(Miss Panida Ruamlarp)  
19/06/67



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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## Test Report

Request No : W6706032

Report No : 6706-0962

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 67060122

Sample Name : EQ Tank

Sampling Date : 04/06/2024

Sampling By : ETC

Sampling Time : 10:30 AM

Sampling Method : Grab

Received Date : 05/06/2024

Tested Date : 05/06/2024 - 15/06/2024

Reported Date : 21/06/2024

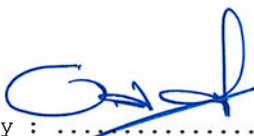
Parameter	Unit	Method	Result
Arsenic	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0076
Barium	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.12
Cadmium	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03
Copper	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.09
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], PE 1.0 L ]

Remark : 1. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

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

Examined By : (Miss Apiradee Chuen-arom)  
(จ-003-ค-0007)  
21/06/2024Approved By : (Miss Nunnaphat Bakhuntod)  
(จ-003-ค-0005)  
21/06/2024REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6706032

Report No : 6706-0962

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 67060122

Sample Name : EQ Tank

Sampling Date : 04/06/2024

Sampling By : ETC

Sampling Time : 10:30 AM

Sampling Method : Grab

Received Date : 05/06/2024

Tested Date : 05/06/2024 - 15/06/2024

Reported Date : 21/06/2024

Parameter	Unit	Method	Result
Hexavalent Chromium	mg/L as Cr <sup>6+</sup>	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)	1.48
Mercury	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	0.0010
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.28

Physical Apperance : 1. Sample : yellowish, turbid

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

Remark : 1. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

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

Examined By : .....

(Miss Apiradee Chuen-arom)  
(จ-003-ค-0007)  
21/06/2024

Approved By : .....

(Miss Nunnaphat Bakhuntod)  
(จ-003-ค-0005)  
21/06/2024บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด  
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## Test Report

Request No : W6706032

Report No : 6706-0962

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 67060122

Sample Name : EQ Tank

Sampling Date : 04/06/2024

Sampling By : ETC

Sampling Time : 10:30 AM

Sampling Method : Grab

Received Date : 05/06/2024

Tested Date : 05/06/2024 - 15/06/2024

Reported Date : 21/06/2024

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)	4.68

Physical Apperance : 1. Sample : yellowish, turbid

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

Remark : 1. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

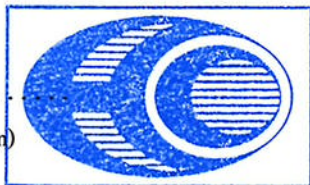
2. Sampling By Miss Janthanee Saiphan (จ-003-ค-0018)

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

21/06/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

21/06/2024

## Test Report

Request No : W6706032

Report No : 6706-0962

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 67060122

Sample Name : EQ Tank

Sampling Date : 04/06/2024

Sampling By : ETC

Sampling Time : 10:30 AM

Sampling Method : Grab

Received Date : 05/06/2024

Tested Date : 05/06/2024 - 15/06/2024

Reported Date : 21/06/2024

Parameter	Unit	Method	Result
Flow Rate	m <sup>3</sup> /day	Calculation Method	1,224
Iron	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	5.28
Phosphorus	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	7.73
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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

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

3. Sampling By Miss Janthanee Saiphan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

21/06/2024

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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. 3-341

**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 : 05/01/24 Report No. : 670001-R0036  
Sampling Time : 09.50 AM Report Date : 18/01/24  
Sample No. : WW 0038/67 Received Date : 05/01/24  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 05/01/24-15/01/24

Item / Parameter	Unit	Method <sup>2/</sup>	Result	Standard <sup>1/</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	8	≤20
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	<40	≤120
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	23	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	23	≤300
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
pH	-	Electrometric Method (SM 4500-H <sup>+</sup> B)	8.3	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM 2550 B)	29.7	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	1198	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM 4500-N <sub>org</sub> B and 4500-NH <sub>3</sub> C)	<10	≤100
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	12.0	≤50
Sulfide	mg/L as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM 4500-S <sup>2-</sup> F)	<0.5	≤1

Physical Appearance : Yellow, Lightly SS

Remark : <sup>1/</sup> Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).<sup>2/</sup> SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Approved by :

(Miss Panida Ruamlarp)

3-341-P-0002

18/01/24

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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

**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 : 05/01/24 Report No. : 670001-R0036  
Sampling Time : 09.50 AM Report Date : 18/01/24  
Sample No. : WW 0038/67 Received Date : 05/01/24  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 05/01/24-15/01/24

Item / Parameter	Unit	Method	Result	Standard <sup>1/</sup>
Free Chlorine	mg/L	Portable Photometer	0.52	≤1

---

**Physical Appearance** : Yellow, Lightly SS

---

**Remark** : <sup>1/</sup> Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).

Review by :

(Mr. Songkran Malaithong)

18/01/24

Approved by :

(Miss Panida Ruamrarp)

18/01/24

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## Test Report

Request No : W6701042

Report No : 6701-0970

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 67010160

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 05/01/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:50 AM\*\*

Sampling Method : Grab\*\*

Received Date : 06/01/2024

Tested Date : 06/01/2024 - 17/01/2024

Reported Date : 19/01/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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 , 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., # = ISO/IEC 17025:2017 Accredited by DSS,

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

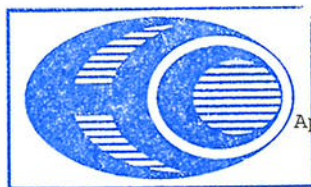
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

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)  
19/01/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)  
(จ-003-ค-0005)  
19/01/2024

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## Test Report

Request No : W6701042

Report No : 6701-0970

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 67010160

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 05/01/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:50 AM\*\*

Sampling Method : Grab\*\*

Received Date : 06/01/2024

Tested Date : 06/01/2024 - 17/01/2024

Reported Date : 19/01/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	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)	0.39	≤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 Appearance : 1. Sample : yellow, turbid

2. Container : Normal [ PE 0.5 L , 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., # = ISO/IEC 17025:2017 Accredited by DSS,

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

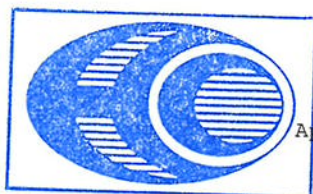
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

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)  
19/01/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)  
(จ-003-ก-0005)  
19/01/2024

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## Test Report

Request No : W6701042

Report No : 6701-0970

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 67010160

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 05/01/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:50 AM\*\*

Sampling Method : Grab\*\*

Received Date : 06/01/2024

Tested Date : 06/01/2024 - 17/01/2024

Reported Date : 19/01/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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 , 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., # = 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) \*

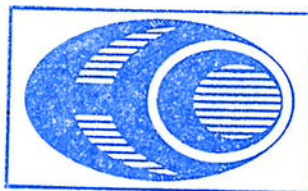
5. \*\* = These data are non laboratory data.

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

19/01/2024



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Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

19/01/2024

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## Test Report

Request No : W6701042

Report No : 6701-0970

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 67010160

Sample Name : Holding Pond (Effluent)\*\* Sampling Date : 05/01/2024\*\*

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

Sampling Method : Grab\*\* Received Date : 06/01/2024

Tested Date : 06/01/2024 - 17/01/2024 Reported Date : 19/01/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	5.7	-
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)	6.85	-
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-

Physical Appearance : 1. Sample : yellow, turbid

2. Container : Normal [ PE 0.5 L , 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 Janthanae Saiphan \*

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



Examined By : .....

(Miss Nunnaphat Bakhuntod)

19/01/2024

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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. 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. Siracha, Chonburi 20230 Thailand  
Sampling By : CLIENT  
Sampling Method : GRAB  
Sampling Name : PINTHONG INDUSTRIAL PARK PUBLIC CO., LTD. (Project 3), Holding Pond  
Sampling Date : 05/02/24 Report No. : 670001-R0490  
Sampling Time : 09:10AM Report Date : 21/02/24  
Sample No. : WW0530/67 Received Date : 05/02/24  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 05/02/24-19/02/24

Item / Parameter	Unit	Method <sup>2/</sup>	Result	Standard <sup>1/</sup>
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)	48	≤120
Temperature	°C	Laboratory and Field Method (SM 2550 B)	35.4	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	284	≤3000
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	16.7	≤50
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Total Kjeldahl Nitrogen (TKN)	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM 4500-Norg B and 4500-NH <sub>3</sub> C)	<10	≤100
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	21	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	20	≤300
Sulfide	mg/L as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM 4500-S <sub>2</sub> - F)	<0.5	≤1

**Physical Appearance** : Yellow Turbid , Medium SS

**Remark** : <sup>1/</sup> Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016)

<sup>2/</sup> 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

21/02/24

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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

### 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 : 05/02/24 Report No. : 670001-R0490  
Sampling Time : 09:10AM Report Date : 21/02/24  
Sample No. : WW0530/67 Received Date : 05/02/24  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 05/02/24-19/02/24

Item / Parameter	Unit	Method	Result	Standard <sup>1/</sup>
pH (On site)	-	Electrometric Method	9.0	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.12	≤1

Physical Appearance : Yellow Turbid , Medium SS

Remark : <sup>1/</sup> Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016)

Review by :

(Mr. Songkran Malaithong)

21/02/24

Approved by :

(Miss Panida Ruamlarp)

21/02/24



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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## Test Report

Request No : W6702127

Report No : 6702-1141

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 67020433

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 05/02/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:10 AM\*\*

Sampling Method : Grab\*\*

Received Date : 06/02/2024

Tested Date : 06/02/2024 - 21/02/2024

Reported Date : 21/02/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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) , 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., # = 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 (1-003-ก-0018) \*

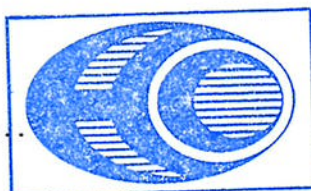
5. \*\* = These data are non laboratory data.

Examined By : .....

(Miss Apiradee Chuen-arom)

(1-003-ก-0007)

21/02/2024



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Approved By : .....

(Miss Nunnaphat Bakhuntod)

(1-003-ก-0005)

21/02/2024

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## Test Report

Request No : W6702127

Report No : 6702-1141

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 67020433

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 05/02/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:10 AM\*\*

Sampling Method : Grab\*\*

Received Date : 06/02/2024

Tested Date : 06/02/2024 - 21/02/2024

Reported Date : 21/02/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	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)	0.25	≤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 : 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., # = 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-ท-0018) \*

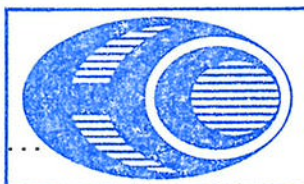
5. \*\* = These data are non laboratory data.

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

21/02/2024



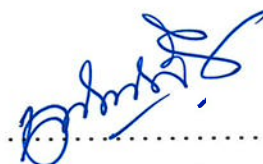
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Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

21/02/2024



## Test Report

Request No : W6702127

Report No : 6702-1141

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 67020433

Sample Name : Holding Pond (Effluent)\*\* Sampling Date : 05/02/2024\*\*

Sampling By : ETC\*\* Sampling Time : 9:10 AM\*\*

Sampling Method : Grab\*\* Received Date : 06/02/2024

Tested Date : 06/02/2024 - 21/02/2024 Reported Date : 21/02/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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 : 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., # = 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 (1-003-ท-0018) \*

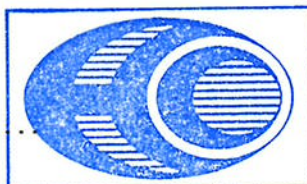
5. \*\* = These data are non laboratory data.

Examined By : .....

(Miss Apiradee Chuen-arom)

(1-003-ท-0007)

21/02/2024



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Approved By : .....

(Miss Nunnaphat Bakhuntod)

(1-003-ท-0005)

21/02/2024

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## Test Report

Request No : W 6702127

Report No : 6702-1141

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 67020433

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 05/02/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:10 AM\*\*

Sampling Method : Grab\*\*

Received Date : 06/02/2024

Tested Date : 06/02/2024 - 21/02/2024

Reported Date : 21/02/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	5.8	-
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)	6.75	-
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)

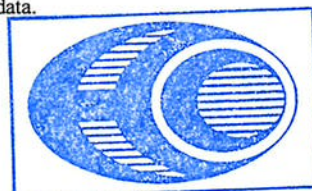
2. Parameter Outside The Scope of The Registration of Department of Industrial Works

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.



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Examined By : .....

(Miss Nunnaphat Bakhuntod)

21/02/2024

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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. 321 , E-mail : grp-lab@pin-pure.com

REGISTERED LAB NO. ๓-341

**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 : 06/03/67 Report No. : 670001-R0795  
Sampling Time : 09.30 AM Report Date : 20/03/67  
Sample No. : WW0866/67 Received Date : 06/03/67  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 06/03/67-15/03/67

Item / Parameter	Unit	Method <sup>2/</sup>	Result	Standard <sup>1/</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	10	≤20
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	48	≤120
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	<20	≤300
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Temperature	°C	Laboratory and Field Method (SM 2550 B)	32.2	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	610	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM 4500-N <sub>org</sub> B and 4500-NH <sub>3</sub> C)	<10	≤100
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	28.0	≤50
Sulfide	mg/L as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM 4500-S <sup>2-</sup> F)	<0.5	≤1

**Physical Appearance :** Green, Turbid**Remark :** <sup>1/</sup> Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).<sup>2/</sup> 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)

๓-341-๙-0002

20/03/67

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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. 321 , E-mail : grp-lab@pin-pure.com

**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 : 06/03/67 Report No. : 670001-R0795  
Sampling Time : 09.30 AM Report Date : 20/03/67  
Sample No. : WW0866/67 Received Date : 06/03/67  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 06/03/67-15/03/67

Item / Parameter	Unit	Method	Result	Standard <sup>1/</sup>
pH (On site)	-	Electrometric Method	8.6	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.08	≤1

---

Physical Appearance : Green, Turbid

---

Remark : <sup>1/</sup> Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).

Review by :

  
(Mr. Songkran Malaithong)  
20/03/67

Approved by :

  
(Miss Panida Ruamrarp)  
20/03/67



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## Test Report

Request No : W6703172

Report No : 6703-0981

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 67030526

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 06/03/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:30 AM\*\*

Sampling Method : Grab\*\*

Received Date : 07/03/2024

Tested Date : 07/03/2024 - 15/03/2024

Reported Date : 19/03/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Arsenic *	mg/L	Continuous Hydride Generation/AAS Method (SM:3114B)	0.0024	≤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) , 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, # = 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 (๖-003-๓-0018) \*

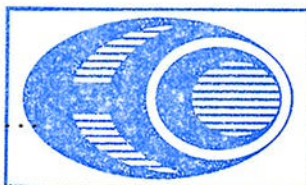
5. \*\* = These data are non laboratory data.

Examined By : 

(Miss Apiradee Chuen-arom)

(๖-003-๓-0007)

19/03/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(๖-003-๓-0005)

19/03/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6703172

Report No : 6703-0981

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 67030526

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 06/03/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:30 AM\*\*

Sampling Method : Grab\*\*

Received Date : 07/03/2024

Tested Date : 07/03/2024 - 15/03/2024

Reported Date : 19/03/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	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)	0.03	≤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 : 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., # = ISO/IEC 17025:2017 Accredited by DSS,

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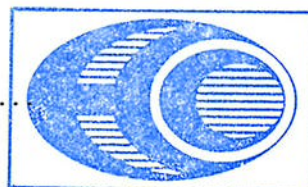
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5. \*\* = These data are non laboratory data.

Examined By : .....

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

19/03/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

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

19/03/2024

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## Test Report

Request No : W6703172

Report No : 6703-0981

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 67030526

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 06/03/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:30 AM\*\*

Sampling Method : Grab\*\*

Received Date : 07/03/2024

Tested Date : 07/03/2024 - 15/03/2024

Reported Date : 19/03/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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)

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

Examined By : .....

(Miss Apiradee Chuen-arom)

(1-003-ก-0007)

19/03/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(1-003-ก-0005)

19/03/2024

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## Test Report

Request No : W6703172

Report No : 6703- 0981

Customer : Pinthong Industrial Park Public Company Limited\*\*

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

Sampling Source : ระบบบำบัดน้ำเสียนิคมน้ำป่อง โครงการ 3\*\* Sample No : W 67030526

Sample Name : Holding Pond (Effluent)\*\* Sampling Date : 06/03/2024\*\*

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

Sampling Method : Grab\*\* Received Date : 07/03/2024

Tested Date : 07/03/2024 - 15/03/2024 Reported Date : 19/03/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	12.1	-
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)	4.67	-
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)

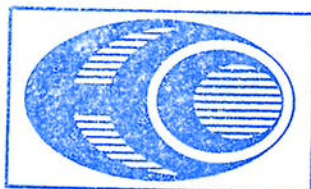
2. Parameter Outside The Scope of The Registration of Department of Industrial Works

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)

19/03/2024

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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

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. 3-341

**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** : 03/04/67 **Report No.** : 670001-R1143  
**Sampling Time** : 10.00 AM **Report Date** : 25/04/67  
**Sample No.** : WW1250/67 **Received Date** : 03/04/67  
**Container of Sample** : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L **Analytical Date** : 03/04/67-19/04/67

Item / Parameter	Unit	Method <sup>2/</sup>	Result	Standard <sup>1/</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	12	≤20
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM 5220 D)	73	≤120
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	22	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	21	≤300
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Temperature	°C	Laboratory and Field Method (SM 2550 B)	32.8	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	748	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/l as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM 4500-N <sub>org</sub> B and 4500-NH <sub>3</sub> C)	<10	≤100
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	12.0	≤50
Sulfide	mg/l as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM 4500-S <sup>2-</sup> F)	<0.5	≤1

**Physical Appearance** : Yellow , Lightly SS**Remark** : <sup>1/</sup> Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).<sup>2/</sup> 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)

3-341-P-0002

25/04/67

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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. 321 , E-mail : grp-lab@pin-pure.com

**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 : 03/04/67 Report No. : 670001-R1143  
Sampling Time : 10.00 AM Report Date : 25/04/67  
Sample No. : WW1250/67 Received Date : 03/04/67  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 03/04/67-19/04/67

Item / Parameter	Unit	Method	Result	Standard <sup>1/</sup>
pH (On site)	-	Electrometric Method	8.8	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.22	≤1

Physical Appearance : Yellow , Lightly SS

Remark : <sup>1/</sup> Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).

Review by :

  
(Mr. Songkran Malaithong)  
25/04/67

Approved by :

  
(Miss Panida Ruamlarp)  
25/04/67



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD.

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## Test Report

Request No : W6704117

Report No : 6704-1252

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 67040398

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 03/04/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 10:00 AM\*\*

Sampling Method : Grab\*\*

Received Date : 04/04/2024

Tested Date : 04/04/2024 - 19/04/2024

Reported Date : 24/04/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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], 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., # = 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) \*

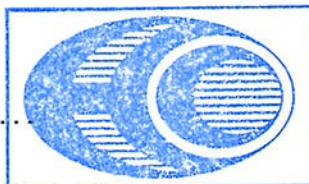
5. \*\* = These data are non laboratory data.

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

24/04/2024



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Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

24/04/2024

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## Test Report

Request No : W6704117

Report No : 6704-1252

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 67040398

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 03/04/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 10:00 AM\*\*

Sampling Method : Grab\*\*

Received Date : 04/04/2024

Tested Date : 04/04/2024 - 19/04/2024

Reported Date : 24/04/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	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)	0.16	≤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 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., # = ISO/IEC 17025:2017 Accredited by DSS,

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Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

24/04/2024



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Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

24/04/2024

## Test Report

Request No : W6704117

Report No : 6704-1252

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 67040398

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 03/04/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 10:00 AM\*\*

Sampling Method : Grab\*\*

Received Date : 04/04/2024

Tested Date : 04/04/2024 - 19/04/2024

Reported Date : 24/04/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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., # = ISO/IEC 17025:2017 Accredited by DSS,

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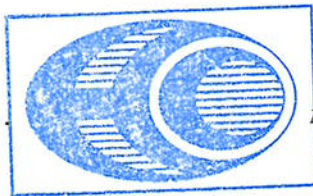
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Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

24/04/2024



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Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

24/04/2024

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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 : ระบบบำบัดน้ำเสียนิกมปี นทอง โครงการ 3\*\*

Sample Name : Holding Pond (Effluent)\*\*

Sampling By : ETC\*\*

Sampling Method : Grab\*\*

Tested Date : 04/04/2024 - 19/04/2024

Request No : W6704117

Report No : 6704- 1252

Sample No : W 67040398

Sampling Date : 03/04/2024\*\*

Sampling Time : 10:00 AM\*\*

Received Date : 04/04/2024

Reported Date : 24/04/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	10.6	-
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)	4.86	-
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. /I Notification of the Ministry of Natural Resources and Environmental , B.E. 2559 (2016)

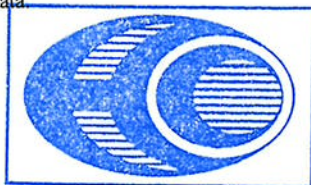
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Examined By : .....

(Miss Nunnaphat Bakhuntod)

24/04/2024

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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. 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** : ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ 3), Holding Pond  
**Sampling Date** : 06/05/67 **Report No.** : 670001-R1518  
**Sampling Time** : 09.30 AM **Report Date** : 27/05/67  
**Sample No.** : WW1651/67 **Received Date** : 06/05/67  
**Container of Sample** : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L **Analytical Date** : 06/05/67-17/05/67

Item / Parameter	Unit	Method <sup>2/</sup>	Result	Standard <sup>1/</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	6	≤20
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	45	≤120
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	25	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	22	≤300
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Temperature	°C	Laboratory and Field Method (SM 2550 B)	34.3	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	328	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/l as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM 4500-N <sub>org</sub> B and 4500-NH <sub>3</sub> C)	<10	≤100
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	6.5	≤50
Sulfide	mg/l as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM 4500-S <sup>2-</sup> F)	<0.5	≤1

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

Approved by :

(Miss Panida Ruamlarp)



PINTHONG UTILITIES AND RENEWABLE ENERGY CO., LTD

7-341-PI-0002

27/05/67

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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

**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 : ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ 3), Holding Pond  
Sampling Date : 06/05/67 Report No. : 670001-R1518  
Sampling Time : 09.30 AM Report Date : 27/05/67  
Sample No. : WW1651/67 Received Date : 06/05/67  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 06/05/67-17/05/67

Item / Parameter	Unit	Method	Result	Standard <sup>1/</sup>
pH (On site)	-	Electrometric Method	8.0	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.23	≤1

Physical Appearance : Yellowish , Lightly SS

Remark : <sup>1/</sup> Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).

Review by :

  
(Mr. Songkran Malaithong)

27/05/67

Approved by :

  
(Miss Panida Ruamlarp)

27/05/67



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## Test Report

Request No : W6705114

Report No : 6705-1144

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 67050446

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 06/05/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:30 AM\*\*

Sampling Method : Grab\*\*

Received Date : 07/05/2024

Tested Date : 07/05/2024 - 17/05/2024

Reported Date : 21/05/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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, lightly SS

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., # = 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)

21/05/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

21/05/2024

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## Test Report

Request No : W6705114

Report No : 6705-1144

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 67050446

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 06/05/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:30 AM\*\*

Sampling Method : Grab\*\*

Received Date : 07/05/2024

Tested Date : 07/05/2024 - 17/05/2024

Reported Date : 21/05/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	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)	0.56	≤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 Apperance : 1. Sample : yellowish, lightly SS

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

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Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

21/05/2024



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Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

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## Test Report

Request No : W6705114

Report No : 6705-1144

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 67050446

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 06/05/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:30 AM\*\*

Sampling Method : Grab\*\*

Received Date : 07/05/2024

Tested Date : 07/05/2024 - 17/05/2024

Reported Date : 21/05/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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, lightly SS

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., # = 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) \*

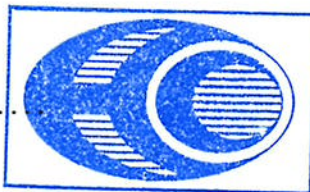
5. \*\* = These data are non laboratory data.

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

21/05/2024



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Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

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## Test Report

Customer : Pinthong Industrial Park Public Company Limited\*\*

Request No : W6705114

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

Report No : 6705- 1144

Sampling Source : ระบบบำบัดน้ำเสียนิคมปิ่นทอง โครงการ 3\*\*

Sample No : W 67050446

Sample Name : Holding Pond (Effluent)\*\*

Sampling Date : 06/05/2024\*\*

Sampling By : ETC\*\*

Sampling Time : 9:30 AM\*\*

Sampling Method : Grab\*\*

Received Date : 07/05/2024

Tested Date : 07/05/2024 - 17/05/2024

Reported Date : 21/05/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Dissolved Oxygen *	mg/L	Membrane Electrode Method (SM:4500 -O G)	4.5	-
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)	6.42	-
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 [ 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)

21/05/2024

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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. 321 , E-mail : grp-lab@pin-pure.com

REGISTERED LAB NO. ๓-341

**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** : ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ 3), Holding Pond  
**Sampling Date** : 06/06/67 **Report No.** : 670001-R1879  
**Sampling Time** : 09.50 AM **Report Date** : 19/06/67  
**Sample No.** : WW2032/67 **Received Date** : 06/06/67  
**Container of Sample** : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L **Analytical Date** : 06/06/67-17/06/67

Item / Parameter	Unit	Method <sup>2/</sup>	Result	Standard <sup>1/</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM 4500-O G and 5210 B)	7	≤20
Chemical Oxygen Demand	mg/L	Closed Reflux, Colorimetric Method (SM 5220 D)	52	≤120
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	27	≤300
Color (pH 7.00)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM 2120 F)	27	≤300
Oil & Grease	mg/L	Partition-Gravimetric Method (SM 5520 B)	<3	≤5
Temperature	°C	Laboratory and Field Method (SM 2550 B)	33.5	≤40
Total Dissolved Solids (TDS)	mg/L	Dried at 180 C (SM 2540 C)	546	≤3000
Total Kjeldahl Nitrogen (TKN)	mg/l as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM 4500-N <sub>org</sub> B and 4500-NH <sub>3</sub> C)	10.8	≤100
Total Suspended Solids (TSS)	mg/L	Dried at 103-105 C (SM 2540 D)	8.0	≤50
Sulfide	mg/l as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM 4500-S <sup>2-</sup> F)	<0.5	≤1

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

Approved by :

(Miss Panida Ruamrarp)

๓-341-๓-0002

19/06/67



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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. 321 , E-mail : grp-lab@pin-pure.com

**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 : ระบบบำบัดน้ำเสียนิคมอุตสาหกรรมปิ่นทอง (โครงการ 3), Holding Pond  
Sampling Date : 06/06/67 Report No. : 670001-R1879  
Sampling Time : 09.50 AM Report Date : 19/06/67  
Sample No. : WW2032/67 Received Date : 06/06/67  
Container of Sample : PE 0.5 L, PE 2.0 L, G 1.0 L, G 0.3 L Analytical Date : 06/06/67-17/06/67

Item / Parameter	Unit	Method	Result	Standard <sup>1/</sup>
pH (On site)	-	Electrometric Method	7.7	5.5-9.0
Free Chlorine	mg/L	Portable Photometer	0.39	≤1

---

Physical Appearance : Yellowish , Lightly SS

---

Remark : <sup>1/</sup> Notification of the Ministry of Natural Resources and Environment, B.E. 2559 (2016).

Review by :

(Mr. Songkran Malaithong)

19/06/67

Approved by :

(Miss Panida Ruamlarp)

19/06/67



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## Test Report

Request No : W6706134

Report No : 6706-1385

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 67060438

Sample Name : Holding Pond (Effluent)

Sampling Date : 06/06/2024

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 07/06/2024

Tested Date : 07/06/2024 - 17/06/2024

Reported Date : 21/06/2024

Parameter	Unit	Method	Result	Standard/ <sup>1</sup>
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], PE 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, 24th Edition, 2023.

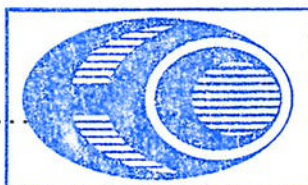
3. Sampling By Miss Janthanee Saiphan (จ-003-ค-0018)

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

21/06/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

21/06/2024

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## Test Report

Request No : W6706134

Report No : 6706-1385

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 67060438

Sample Name : Holding Pond (Effluent)

Sampling Date : 06/06/2024

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 07/06/2024

Tested Date : 07/06/2024 - 17/06/2024

Reported Date : 21/06/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Hexavalent Chromium	mg/L as Cr <sup>6+</sup>	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)	0.64	≤5
Mercury	mg/L	Cold -Vapor Atomic Absorption Spectrometric Method (SM:3112B)	0.0012	≤0.005
Nickel	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.07	≤1

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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

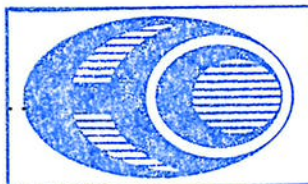
3. Sampling By Miss Janthanee Saiphan (จ-003-ค-0018)

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

21/06/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

21/06/2024

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## Test Report

Request No : W6706134

Report No : 6706-1385

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 67060438

Sample Name : Holding Pond (Effluent)

Sampling Date : 06/06/2024

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 07/06/2024

Tested Date : 07/06/2024 - 17/06/2024

Reported Date : 21/06/2024

Parameter	Unit	Method	Result	Standard/ <sup>1</sup>
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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

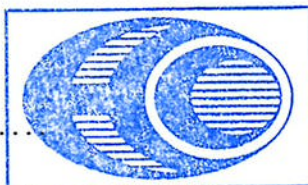
3. Sampling By Miss Janthanee Saiphan (จ-003-ค-0018)

Examined By : .....

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

21/06/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

21/06/2024

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## Test Report

Request No : W6706134

Report No : 6706-1385

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 67060438

Sample Name : Holding Pond (Effluent)

Sampling Date : 06/06/2024

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 07/06/2024

Tested Date : 07/06/2024 - 17/06/2024

Reported Date : 21/06/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Dissolved Oxygen	mg/L	Membrane Electrode Method (SM:4500 -O G)	4.6	-
Iron	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.04	-
Phosphorus	mg/L as P	Ascorbic Acid Method (SM:4500 -P B)	5.60	-
Silver	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	<0.05	-

Physical Apperance : 1. Sample : yellowish, turbid

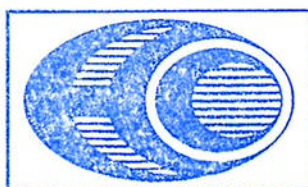
2. Container : Normal [ PE 0.5 L [ 3 Bottle], PE 1.0 L ]

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. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

4. Sampling By Miss Janthanee Saiphan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

21/06/2024

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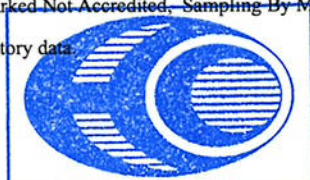
**TEST REPORT**

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 67021739  
Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (SW1)\*\* Sampling Date : 23/02/2024\*\*  
Sampling By : ETC\*\* Sampling Time : 11:30 AM\*\*  
Sampling Method : Grab\*\* Received Date : 24/02/2024  
Tested Date : 24/02/2024 – 01/03/2024 Reported Date : 07/03/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0053	≤ 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)	4,900	-
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)	1.1	≥ 2
Flow Rate *	m <sup>3</sup> /day	Calculation Method	not available	-
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	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. ๓ \*\* = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส  
7. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> 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 )

07/03/2024

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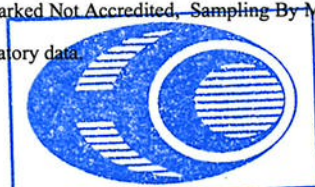
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Customer : Pinthong Industrial Park Public Company Limited\*\*  
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230\*\*  
Sampling Source : Surface Water (Pinthong Project 3)\*\* Sample No. : W 67021739  
Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (SW1)\*\* Sampling Date : 23/02/2024\*\*  
Sampling By : ETC\*\* Sampling Time : 11:30 AM\*\*  
Sampling Method : Grab\*\* Received Date : 24/02/2024  
Tested Date : 24/02/2024 – 01/03/2024 Reported Date : 07/03/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
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)	0.52	≤ 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	7.0	5.0-9.0
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	31	† **
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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6. † \*\* = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส  
7. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> เกินกว่า 100 มิลลิกรัมต่อลิตร  
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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 67021740  
Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (SW2)\*\* Sampling Date : 23/02/2024\*\*  
Sampling By : ETC\*\* Sampling Time : 10:00 AM\*\*  
Sampling Method : Grab\*\* Received Date : 24/02/2024  
Tested Date : 24/02/2024 – 01/03/2024 Reported Date : 07/03/2024

Parameter	Unit	Method	Result	Standard <sup>1/</sup>
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0662	≤ 0.01
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	12.0	≤ 4
Cadmium @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.003	***
Coliform Bacteria *	MPN : 100 mL	MPN Test Method (SM:9221B)	54,000	-
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)	0.8	≥ 2
Flow Rate *	m <sup>3</sup> /day	Calculation Method	691.2	-
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	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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4. MDL = Method Detection Limit [ MDL of Cyanide = 0.008 mg/L ]  
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7. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> เกินกว่า 100 มิลลิกรัมต่อลิตร  
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Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (SW2)\*\* Sampling Date : 23/02/2024\*\*  
Sampling By : ETC\*\* Sampling Time : 10:00 AM\*\*  
Sampling Method : Grab\*\* Received Date : 24/02/2024  
Tested Date : 24/02/2024 – 01/03/2024 Reported Date : 07/03/2024

Parameter	Unit	Method	Result	Standard <sup>1/</sup>
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)	1.53	≤ 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	6.9	5.0-9.0
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	๓ **
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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7. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> เกินกว่า 100 มิลลิกรัมต่อลิตร  
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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 67021741  
Sample Name : คลองห้วยสะพาน (SW3)\*\* Sampling Date : 23/02/2024\*\*  
Sampling By : ETC\*\* Sampling Time : 10:30 AM\*\*  
Sampling Method : Grab\*\* Received Date : 24/02/2024  
Tested Date : 24/02/2024 – 01/03/2024 Reported Date : 07/03/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0098	≤ 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)	1.0	≥ 2
Flow Rate *	m <sup>3</sup> /day	Calculation Method	777.6	-
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	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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7. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> เกินกว่า 100 มิลลิกรัมต่อลิตร  
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Sampling Source : Surface Water (Pinthong Project 3)\*\* Sample No. : W 67021741  
Sample Name : คลองห้วยสะพาน (SW3)\*\* Sampling Date : 23/02/2024\*\*  
Sampling By : ETC\*\* Sampling Time : 10:30 AM\*\*  
Sampling Method : Grab\*\* Received Date : 24/02/2024  
Tested Date : 24/02/2024 – 01/03/2024 Reported Date : 07/03/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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	7.2	5.0-9.0
Silver @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	31	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  
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7. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่นเกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> 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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07/03/2024

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Request No. W6702583

Report No. 6703-0304

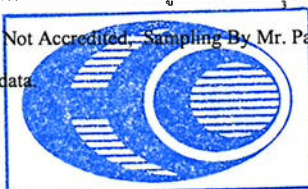
**TEST REPORT**

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 67021742  
Sample Name : คลองห้วยมะนาว (SW4)\*\* Sampling Date : 23/02/2024\*\*  
Sampling By : ETC\*\* Sampling Time : 9:50 AM\*\*  
Sampling Method : Grab\*\* Received Date : 24/02/2024  
Tested Date : 24/02/2024 – 01/03/2024 Reported Date : 07/03/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Arsenic *	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0342	≤ 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)	35,000	-
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)	1.2	≥ 2
Flow Rate *	m <sup>3</sup> /day	Calculation Method	not available	-
Hexavalent Chromium *	mg/L as Cr <sup>6+</sup>	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 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 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. ๙ \*\* = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส  
7. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> 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 )

07/03/2024

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

Request No. W6702583

Report No. 6703-0304

**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 67021742  
Sample Name : คลองห้วยมะนาว (SW4)\*\* Sampling Date : 23/02/2024\*\*  
Sampling By : ETC\*\* Sampling Time : 9:50 AM\*\*  
Sampling Method : Grab\*\* Received Date : 24/02/2024  
Tested Date : 24/02/2024 – 01/03/2024 Reported Date : 07/03/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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)	0.70	≤ 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 (SM:2550 B)	30	π **
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,  
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. π \*\* = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส  
7. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> 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 )

07/03/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
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Request No. W6705588

Report No. 6706-0723

## TEST REPORT

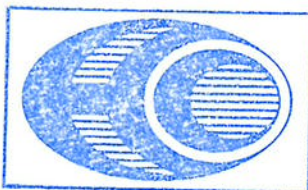
Customer : Pinthong Industrial Park Public Company Limited  
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230  
Sampling Source : Surface Water (Pinthong Project 3) Sample No. : W 67051816  
Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (SW1) Sampling Date : 24/05/2024  
Sampling By : ETC Sampling Time : 11:15 AM  
Sampling Method : Grab Received Date : 25/05/2024  
Tested Date : 25/05/2024 – 01/06/2024 Reported Date : 17/06/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Arsenic	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0233	≤ 0.01
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.4	≤ 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)	6.3	≥ 2
Flow Rate	m <sup>3</sup> /day	Calculation Method	2,581	-
Hexavalent Chromium	mg/L as Cr <sup>6+</sup>	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  
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023  
3. MDL = Method Detection Limit [ MDL of Cyanide = 0.008 mg/L ]  
4. Parameter Outside The Scope of The Registration of Department of Industrial Works  
5. \*\* = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส  
6. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> เกินกว่า 100 มิลลิกรัมต่อลิตร  
7. Sampling By Miss Janthanee Saiphan



Examined By.....

(Miss Apiradee Chuen-arom)

17/06/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

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Request No. W6705588

Report No. 6706-0723

## TEST REPORT

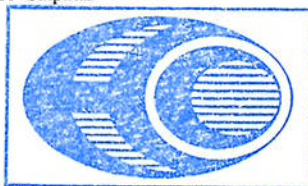
Customer : Pinthong Industrial Park Public Company Limited  
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230  
Sampling Source : Surface Water (Pinthong Project 3) Sample No. : W 67051816  
Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (SW1) Sampling Date : 24/05/2024  
Sampling By : ETC Sampling Time : 11:15 AM  
Sampling Method : Grab Received Date : 25/05/2024  
Tested Date : 25/05/2024 – 01/06/2024 Reported Date : 17/06/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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)	0.30	≤ 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 (SM:2550 B)	29	๗ **
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.05	≤ 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  
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023  
3. MDL = Method Detection Limit [ MDL of Cyanide = 0.008 mg/L ]  
4. Parameter Outside The Scope of The Registration of Department of Industrial Works  
5. ๗ \*\* = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส  
6. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> เกินกว่า 100 มิลลิกรัมต่อลิตร  
7. Sampling By Miss Janthanee Saiphan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

17/06/2024

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Request No. W6705588

Report No. 6706-0724

## 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 67051817

Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (SW2) Sampling Date : 24/05/2024

Sampling By : ETC Sampling Time : 10:30 AM

Sampling Method : Grab Received Date : 25/05/2024

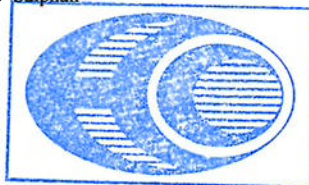
Tested Date : 25/05/2024 – 14/06/2024 Reported Date : 17/06/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Arsenic	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0207	≤ 0.01
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.3	≤ 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)	6.0	≥ 2
Flow Rate	m <sup>3</sup> /day	Calculation Method	3,162	-
Hexavalent Chromium	mg/L as Cr <sup>6+</sup>	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05

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
  2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023
  3. MDL = Method Detection Limit [ MDL of Cyanide = 0.008 mg/L ]
  4. Parameter Outside The Scope of The Registration of Department of Industrial Works
  5. ๓ \*\* = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
  6. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> เกินกว่า 100 มิลลิกรัมต่อลิตร
  7. Sampling By Miss Janthanee Saiphan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

( Miss Apiradee Chuen-arom )

17/06/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

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Request No. W6705588

Report No. 6706-0724

## 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 67051817

Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (SW2) Sampling Date : 24/05/2024

Sampling By : ETC Sampling Time : 10:30 AM

Sampling Method : Grab Received Date : 25/05/2024

Tested Date : 25/05/2024 – 14/06/2024 Reported Date : 17/06/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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)	0.36	≤ 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 (SM:2550 B)	27	๓ **
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
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023
3. MDL = Method Detection Limit [ MDL of Cyanide = 0.008 mg/L ]
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. ๓ \*\* = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส
6. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ  $\text{CaCO}_3$  ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ  $\text{CaCO}_3$  เกินกว่า 100 มิลลิกรัมต่อลิตร
7. Sampling By Miss Janthanee Saiphan



Examined By.....

( Miss Apiradee Chuen-arom )

17/06/2024

REPORTED FOR REFERENCE TO SUBMITTER'S SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. W6705588

Report No. 6706-0725

## 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 67051818

Sample Name : คลองห้วยสะพาน (SW3) Sampling Date : 24/05/2024

Sampling By : ETC Sampling Time : 10:55 AM

Sampling Method : Grab Received Date : 25/05/2024

Tested Date : 25/05/2024 – 14/06/2024 Reported Date : 17/06/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Arsenic	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0146	≤ 0.01
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.5	≤ 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)	6.0	≥ 2
Flow Rate	m <sup>3</sup> /day	Calculation Method	5,572	-
Hexavalent Chromium	mg/L as Cr <sup>6+</sup>	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. /I Surface Water Quality Standards Notification of the National Environment Board No. 8 , B.E. 2537 (1994), Class 4
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023
3. MDL = Method Detection Limit [ MDL of Cyanide = 0.008 mg/L ]
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. \* = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิมาตรฐานชาติ เกิน 3 องศาเซลเซียส
6. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> เกินกว่า 100 มิลลิกรัมต่อลิตร
7. Sampling By Miss Janthanee Saiphan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Examined By.....

( Miss Apiradee Chuen-arom )

17/06/2024



Request No. W6705588

Report No. 6706-0725

## 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 67051818

Sample Name : คลองห้วยสะพาน (SW3) Sampling Date : 24/05/2024

Sampling By : ETC Sampling Time : 10:55 AM

Sampling Method : Grab Received Date : 25/05/2024

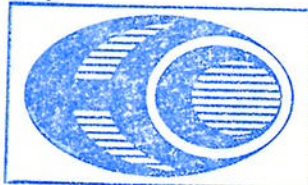
Tested Date : 25/05/2024 – 14/06/2024 Reported Date : 17/06/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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)	0.11	≤ 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 (SM:2550 B)	27	๓ **
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
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023
3. MDL = Method Detection Limit [ MDL of Cyanide = 0.008 mg/L ]
4. Parameter Outside The Scope of The Registration of Department of Industrial Works
5. ๓ \*\* = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิมาตรฐานชาติ เกิน 3 องศาเซลเซียส
6. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> เกินกว่า 100 มิลลิกรัมต่อลิตร
7. Sampling By Miss Janthanee Saiphan



Examined By.....

( Miss Apiradee Chuen-arom )

17/06/2024

REPORTED TESTS- REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. W6705588

Report No. 6706-0726

## TEST REPORT

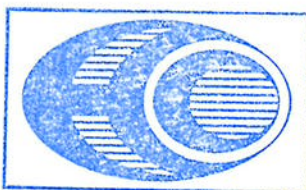
Customer : Pinthong Industrial Park Public Company Limited  
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230  
Sampling Source : Surface Water (Pinthong Project 3) Sample No. : W 67051819  
Sample Name : คลองห้วยมะนาว (SW4) Sampling Date : 24/05/2024  
Sampling By : ETC Sampling Time : 9:25 AM  
Sampling Method : Grab Received Date : 25/05/2024  
Tested Date : 25/05/2024 – 14/06/2024 Reported Date : 17/06/2024

Parameter	Unit	Method	Result	Standard <sup>1/</sup>
Arsenic	mg/L	Continuous, Hydride Generation / AAS Method (SM:3114B)	0.0538	≤ 0.01
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.7	≤ 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)	6.0	≥ 2
Flow Rate	m <sup>3</sup> /day	Calculation Method	not available	-
Hexavalent Chromium	mg/L as Cr <sup>6+</sup>	Filtration, Colorimetric Method (SM:3500-Cr B)	< 0.050	≤ 0.05

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  
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023  
3. MDL = Method Detection Limit [ MDL of Cyanide = 0.008 mg/L ]  
4. Parameter Outside The Scope of The Registration of Department of Industrial Works  
5. ๓ \*\* = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิมาตรฐานตามธรรมชาติ เกิน 3 องศาเซลเซียส  
6. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> เกินกว่า 100 มิลลิกรัมต่อลิตร  
7. Sampling By Miss Janthanee Saiphan



Examined By.....

(Miss Apiradee Chuen-arom)

17/06/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

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Request No. W6705588

Report No. 6706-0726

## TEST REPORT

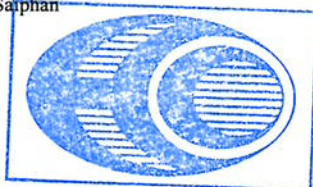
Customer : Pinthong Industrial Park Public Company Limited  
Address : 789 Moo 1 Nong Koh-Laem Chabang Rd., Nongkham, Sriracha Chonburi 20230  
Sampling Source : Surface Water (Pinthong Project 3) Sample No. : W 67051819  
Sample Name : คลองห้วยมะนาว (SW4) Sampling Date : 24/05/2024  
Sampling By : ETC Sampling Time : 9:25 AM  
Sampling Method : Grab Received Date : 25/05/2024  
Tested Date : 25/05/2024 – 14/06/2024 Reported Date : 17/06/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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)	0.21	≤ 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	7.0	5.0-9.0
Silver	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.05	-
Temperature	°C	Laboratory and Field Method (SM:2550 B)	27	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  
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023  
3. MDL = Method Detection Limit [ MDL of Cyanide = 0.008 mg/L ]  
4. Parameter Outside The Scope of The Registration of Department of Industrial Works  
5. ๓ \*\* = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส  
6. \*\*\* Standard Cadmium = 0.005 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร  
Standard Cadmium = 0.05 : น้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> เกินกว่า 100 มิลลิกรัมต่อลิตร  
7. Sampling By Miss Janthanee Saiphan



Examined By.....

(Miss Apiradee Chuen-arom)

17/06/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY

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## Test Report

Request No : W6702584

Report No : 6703-0721

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 67021743

Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (S1)

Sampling Date : 23/02/2024

Sampling By : ETC

Sampling Time : 11:35 AM

Sampling Method : Grab

Received Date : 24/02/2024

Tested Date : 29/02/2024 - 04/03/2024

Reported Date : 15/03/2024

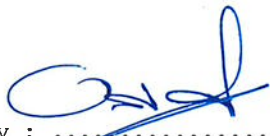
Parameter	Unit	Method	Result	Standard/ <sup>1</sup>
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	14.3	≤10
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	0.23	≤1
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	<2.00	-
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	5.15	≤36
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	216	-
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	<0.20	≤0.2
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	1.69	≤23

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

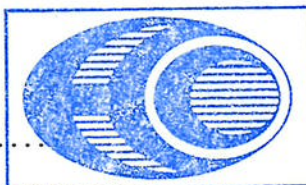
2. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : 


(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

15/03/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

15/03/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6702584

Report No : 6703-0721

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 67021743

Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (S1)

Sampling Date : 23/02/2024

Sampling By : ETC

Sampling Time : 11:35 AM

Sampling Method : Grab

Received Date : 24/02/2024

Tested Date : 29/02/2024 - 04/03/2024

Reported Date : 15/03/2024

Parameter	Unit	Method	Result	Standard/ <sup>1</sup>
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

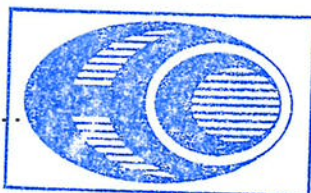
2. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

15/03/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

15/03/2024

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## Test Report

Request No : W6702584

Report No : 6703-0721

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 67021743

Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (S1)

Sampling Date : 23/02/2024

Sampling By : ETC

Sampling Time : 11:35 AM

Sampling Method : Grab

Received Date : 24/02/2024

Tested Date : 29/02/2024 - 04/03/2024

Reported Date : 15/03/2024

Parameter	Unit	Method	Result	Standard/ <sup>1</sup>
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	2.36	≤21.5

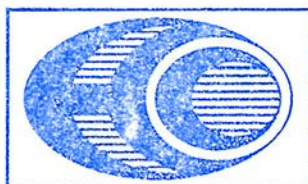
Physical Apperance : 1. Sample : brown, soil

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)

15/03/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6702584

Report No : 6703-0722

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 67021744

Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (S1)

Sampling Date : 23/02/2024

Sampling By : ETC

Sampling Time : 11:35 AM

Sampling Method : Grab

Received Date : 24/02/2024

Tested Date : 02/03/2024 - 07/03/2024

Reported Date : 15/03/2024

Parameter	Unit	Method	Result
Arsenic	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.23
Cadmium	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	<0.02
Hexavalent Chromium	mg/L as Cr <sup>6+</sup>	Waste Extraction,Colorimetric Method	<0.050
Lead	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.13
Manganese	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	10.9

Physical Apperance : 1. Sample : brown, soil

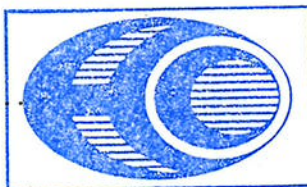
2. Container : Bag

Remark : 1. Sampling By Mr. Songpon Phiwan (๖-003-๓-0016)

Examined By : .....

(Miss Apiradee Chuen-arom)  
(๖-003-๓-0007)

15/03/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)  
(๖-003-๓-0005)

15/03/2024

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## Test Report

Request No : W6702584

Report No : 6703-0722

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 67021744

Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (S1)

Sampling Date : 23/02/2024

Sampling By : ETC

Sampling Time : 11:35 AM

Sampling Method : Grab

Received Date : 24/02/2024

Tested Date : 02/03/2024 - 07/03/2024

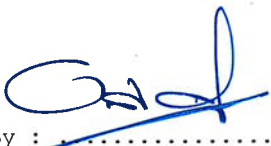
Reported Date : 15/03/2024

Parameter	Unit	Method	Result
Mercury	mg/L	Waste Extraction,Digestion,Cold - Vapor Atomic Absorption Spectrometric	<0.0010
Nickel	mg/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

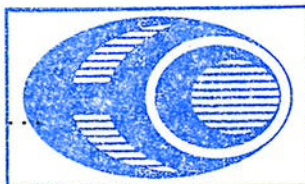
Remark : 1. Sampling By Mr. Songpon Phiwan (จ-003-ค-0016)

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

15/03/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

15/03/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6702584

Report No : 6703-0722

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 67021744

Sample Name : บริเวณอ่างเก็บน้ำห้วยสะพาน (S1)

Sampling Date : 23/02/2024

Sampling By : ETC

Sampling Time : 11:35 AM

Sampling Method : Grab

Received Date : 24/02/2024

Tested Date : 02/03/2024 - 07/03/2024

Reported Date : 15/03/2024

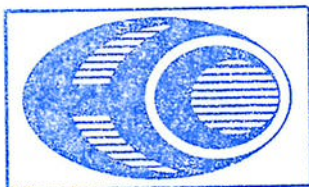
Parameter	Unit	Method	Result
Copper	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.07

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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Examined By : .....  
(Miss Apiradee Chuen-arom)  
15/03/2024

## Test Report

Request No : W6702584

Report No : 6703-0723

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 67021745

Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (S2)

Sampling Date : 23/02/2024

Sampling By : ETC

Sampling Time : 10:05 AM

Sampling Method : Grab

Received Date : 24/02/2024

Tested Date : 29/02/2024 - 04/03/2024

Reported Date : 15/03/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Arsenic (As)	mg/kg	Digestion, Inductively Coupled Plasma	14.3	≤10
Cadmium (Cd)	mg/kg	Digestion, Inductively Coupled Plasma	0.23	≤1
Hexavalent Chromium	mg/kg	Alkaline Digestion, Colorimetric Method	<2.00	-
Lead (Pb)	mg/kg	Digestion, Inductively Coupled Plasma	2.16	≤36
Manganese (Mn)	mg/kg	Digestion, Inductively Coupled Plasma	1,816	-
Mercury (Hg)	mg/kg	Digestion, Cold-Vapor Atomic Absorption Spectrometric	<0.20	≤0.2
Nickel (Ni)	mg/kg	Digestion, Inductively Coupled Plasma	1.56	≤23

Physical Appearance : 1. Sample : brown, soil

2. Container : Bag

Remark : 1./1 ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ เรื่อง กำหนดมาตรฐานคุณภาพตะกอนดินในแหล่งน้ำผิวดิน พ.ศ. 2565

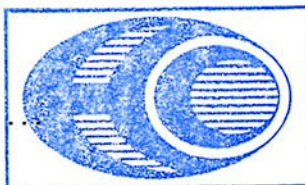
2. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : .....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

15/03/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

15/03/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6702584

Report No : 6703-0723

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 67021745

Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (S2)

Sampling Date : 23/02/2024

Sampling By : ETC

Sampling Time : 10:05 AM

Sampling Method : Grab

Received Date : 24/02/2024

Tested Date : 29/02/2024 - 04/03/2024

Reported Date : 15/03/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
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

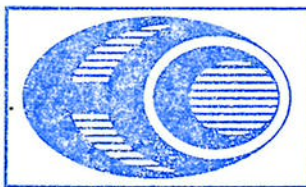
2. Sampling By Mr. Songpon Phiwuan (ว-003-ก-0016)

Examined By : .....

(Miss Apiradee Chuen-arom)

(ว-003-ก-0007)

15/03/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ก-0005)

15/03/2024

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

## Test Report

Request No : W6702584

Report No : 6703-0723

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 67021745

Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (S2)

Sampling Date : 23/02/2024

Sampling By : ETC

Sampling Time : 10:05 AM

Sampling Method : Grab

Received Date : 24/02/2024

Tested Date : 29/02/2024 - 04/03/2024

Reported Date : 15/03/2024

Parameter	Unit	Method	Result	Standard/ <sup>1</sup>
Copper (Cu)	mg/kg	Digestion, Inductively Coupled Plasma	1.33	≤31.5

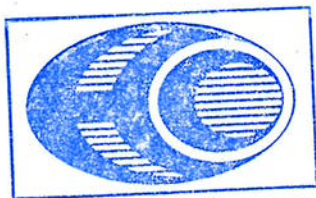
Physical Apperance : 1. Sample : brown, soil

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)

15/03/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6702584

Report No : 6703-0724

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 67021746

Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (S2)

Sampling Date : 23/02/2024

Sampling By : ETC

Sampling Time : 10:05 AM

Sampling Method : Grab

Received Date : 24/02/2024

Tested Date : 02/03/2024 - 07/03/2024

Reported Date : 15/03/2024

Parameter	Unit	Method	Result
Arsenic	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.88
Cadmium	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	<0.02
Hexavalent Chromium	mg/L as Cr <sup>6+</sup>	Waste Extraction,Colorimetric Method	<0.050
Lead	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.08
Manganese	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	126

Physical Apperance : 1. Sample : brown, soil

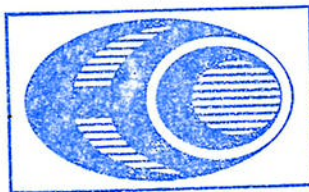
2. Container : Bag

Remark : 1. Sampling By Mr. Songpon Phiwan (จ-003-ค-0016)

Examined By : .....

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

15/03/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : .....

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

15/03/2024

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## Test Report

Request No : W6702584

Report No : 6703-0724

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 67021746

Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (S2)

Sampling Date : 23/02/2024

Sampling By : ETC

Sampling Time : 10:05 AM

Sampling Method : Grab

Received Date : 24/02/2024

Tested Date : 02/03/2024 - 07/03/2024


Reported Date : 15/03/2024

Parameter	Unit	Method	Result
Mercury	mg/L	Waste Extraction,Digestion,Cold - Vapor Atomic Absorption Spectrometric	< 0.0010
Nickel	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.02
Silver	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	< 0.05

Physical Apperance : 1. Sample : brown, soil

2. Container : Bag

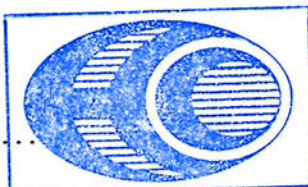
Remark : 1. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By : 

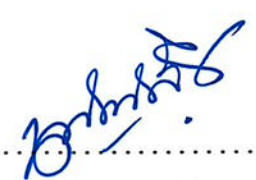
(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

15/03/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

15/03/2024

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## Test Report

Request No : W6702584

Report No : 6703-0724

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 67021746

Sample Name : บริเวณอ่างเก็บน้ำหนองค้อ (S2)

Sampling Date : 23/02/2024

Sampling By : ETC

Sampling Time : 10:05 AM

Sampling Method : Grab

Received Date : 24/02/2024

Tested Date : 02/03/2024 - 07/03/2024

Reported Date : 15/03/2024

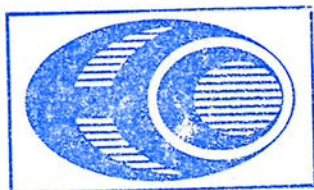
Parameter	Unit	Method	Result
Copper	mg/L	Waste Extraction,Digestion,Inductively Coupled Plasma	0.03

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

Examined By : 

(Miss Apiradee Chuen-arom)

15/03/2024