

Tank Safety Sale and Service
Protective Equipment
Instrumentation Products







# WE ARE READY TO WORK TOGETHER















**AURORA WORKS** 





# **COMPANY PROFILE**

With more than 16 years' experience for engineering team, Aurora Works Co., Ltd. is a market leader in the following field:

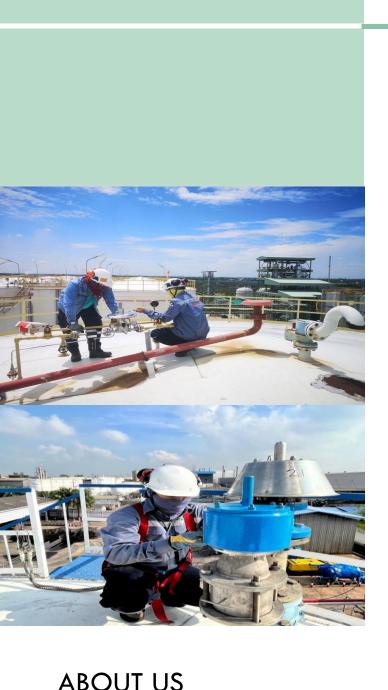
- Supply the Tank Protection Devices for safety, Instrumentation Products, and electrical Heater.
- Support a wide range of industrial from manufacturing to process control integrators.

#### Industrial Applications Include:

- Oil & Gas; and Product Tank Farm
- Refinery
- Pulp & Paper
- Water and Water Treatment
- Steel and Metal
- Pharmaceuticals
- Power plant, Cogeneration plants
- Petrochemical
- Chemical Processing
- Automotive Manufacturing
- Food and Beverage
- Cement Industries
- A system integrator and Lump Sum Turnkey project for Plant Automation System, Instrumentation process control system, SCADA/DCS, Fire & Gas detection, etc.
- Service, Trouble Shooting, Calibration, Commissioning Start Up.
- Training Courses for latest technology to customer.

We support the expansion of industry in the Eastern Part of Thailand. We, AURORA WORKS CO., LTD. have established Rayong Workshop Center to provide customer with fast, effective, and efficient services





# **Aurora Works**

#### **VISION & MISSION**

#### VISION

Become a leader in tank safety sales and services, protective equipment, and instrumentation products to cover all industries in Thailand.

#### MISSION

A professional instrumentation company that helps the storage tank industry reduce emissions loss and protect the environment with fast product delivery and one-stop service maintenance to achieve customer goals

## "We are ready to work together"

# Aurora Works Co., Ltd. was established in 2008 with more than 16 years' experience in petrochemical oil & gas, Power plant,

With representative & distribution, and services of instrumentation, electrical, mechanical c/w valves solution, such as Level, Flow, Temperature, Pressure, control

valves and cover engineering & service

cement plant, pulp & paper in Thailand

market.

Aurora Works is the exclusive distributor for K.S.P.C. (Korea), Max Muller AG (Switzerland), Elmess (Germany), Fossil (Canada), Barton Firtop (UK), Simco (UK), Technical (Italy), Delta Mobrey (UK) and EPIC® Sensors (Finland).



# **Company History**







Representative of authorization industrial products:

- Elmess / Germany GSI / USA
- NEW FLOW / Taiwan
- Temperature Control / Australia

Key-account customer:

- EGAT
- PTT GROUP
- TIG
- Unilever

Branch Office" to Add vendor lists with coverage of sales market in Petro

- Glow energy

- IRPC
- TPI Polene

start up "Exclusive

industries

Distributor agent of KSPC" (Tank

Setting up "Rayong

chemical Oil & Gas

Agreement with KSPC

company (Korea) to

protection device) in

Add on Representative Agent with: Expansion head office for Training center for

instrumentation & tank

program. Add vendor

protection device

lists customer more

than 50 accounts in

Thailand

- Bang Chak

Petrochemical

- CBES Group

- Thai Rotary

- Toyo Thai

- Unimit

- SCG

- FC Korea / Korea
- Technical / Italy







First Established as

Aurora Works co.,

Itd. In the Business

of sale and service

to Industrial

consultants

products and

2010

10th Years"

CO., LTD

AURORA WORKS

2011

2012

2013







- Fossil / Canada
- Barton Firtop / UK
- Simco / UK





Add on Represent ative Agent

- Delta Control
- SKS Control / Finland



New Office (Head Office)

AURORA WORKS CO., LTD.



9 September 2018 Setting up New Rayong Branch "Anniversary Office.

> KSPC Authorized maintenance facility service center.



Provide the special list - service training Elmess factory UELZEN in Germany.





Receive certificate

**Quality Management** System

ISO 9001:2015

Add on Representative Agent with:

- Delta Mobrey / UK



delta-mobrey



We have signed agreement with

- BABCOCK & WILCOX

SALES REPRESENTATION AGREEMENT

BABCOCK & WILCOX FPS. INC.

AURORA WORKS CO., LTD,





2014

2015/16

2017

2018

2021/22

2024



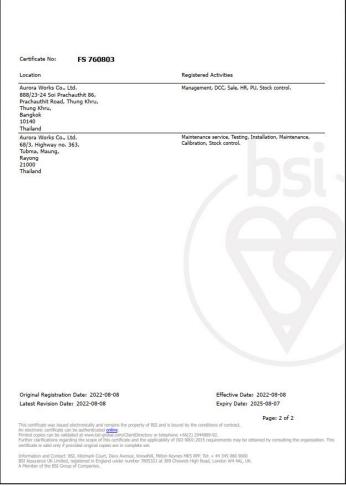






# Certification





#### **QUALITY MANAGEMENT SYSTEM - ISO 9001:2015**

for following scope:

The import, distribution, maintenance, testing and installation services of measuring device and valves





# Office Location

# HEAD OFFICE BANGKOK







#### **ADDRESS HEAD OFFICE:**

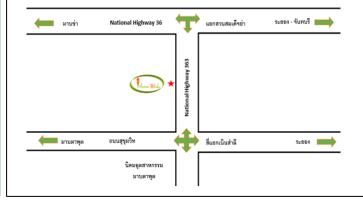
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Tel: +66 2815-5114 / +66 89 499-1139 E-MAIL: INFO@AURORA-WORKS.COM

# BRANCH OFFICE RAYONG







#### **BRANCH OFFICE:**

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# Letter of Authorization







































### Our customers

#### Petro and chemical Industries













































































**ptt** ExonMobil **F**idemitsu Pbbgi





















#### Tank Farm and Terminals



















Sugar / Oil









King as Ovu

#### **Power Plant**









RATCH CRESCO SSUT OPERATIONAL ENERGY GROUP LIMITED INTO A ROUP OF A ROUP OF























#### Engineering























































#### Other Business





















#### Biodiesel / Ethanol











# **Product**

#### **Tank Protection Device**

- **Breather Valve**
- Flame Arrester
- Breather Valve with Flame Arrester
- **Emergency Vent Cover**
- Gauge Hatch Cover
- N<sub>2</sub> Blanketing Valve
- Pilot Operated Relief Valve
- Air Release Valve





























## **Tank Sealing**

- Internal/External Floating Roof
- **Roof Piping System**
- **Roof Joint**
- **Aluminum Dome Roof**



# **Product**

#### **High Pressure & Temp for Power Plant**

- Bi-Visual Water Level Gauge
- Electronic Water Level Indicator
- Magnetic Level Indicator
- Flatglass and Reflex Gauge
- Valve & Instrumentation
- Probe
- Spare Part Port Kit









# DOL-326,2 11/2" SAE 6000 CR444

#### Safety Valve Solution

- Safety Valve
- Pilot Operate Safety Valve







#### **Strainers**

- Basket
- Duplex
- Conical
- Y-type
- Basket Filter









# **Product**















**Pressure Switch** Performance series









**Pressure & Differential Pressure** 





Vertical Float / Displacer Switch



# A delta-mobrey

#### **Industrial Instruments and Products**

- Flow System
- **Temperature System**
- Level System
- Pressure & Differential Pressure System
- Valve

**&LAPP** EPIC® SENSORS





#### Boiler Controls

Low Pressure Steam Boiler Level Controls

This range of boiler water level controls for shell boilers, up to 32 Bar saturated steam, can be either chamber mounted or directly mounted onto the boiler shell.

- 13, 21 & 32 Bar pressure ranges
- First low level alarm
- Second low level alarm
- High level alarm
- Pump on/off control
- Modulating feed water control

Feedwater Controls & Blowdown Valves

Associated feedwater control & blowdown valves complement our float level controls.



**Boiler Controls** 





#### Heater

- Immersion Heater
- Air Heater
- **Process Heater**







# **Service Solution**

#### **Tank Protection Devices**



Testing / Calibration Onsite and Rayong workshop

Installation / Consultancy Design referenced API2000

Overhaul and Troubleshooting







FAT/SAT Commissioning

Troubleshooting

Heater Training

Installation

**Ex-Electric Heater** 









Level



Maintenance

Glass Replacement







# **Project Reference**

F.Y.	Client Name	Project Name
Aug 2024	Siam Kraft Industry Co., Ltd (Ban Pong)	Spare part PN: 9320-0210 FPS Retrofit Full Port Rebuild Kit / FOSSIL
Aug 2024	CUEL Limited.	Project no.10136: Sight glasses VETROLUX with wipers / MAX MÜLLER
Jul 2024	EGAT Power Plant. (Nampong)	ELECTRONIC LEVEL INDICATION FOR HP&LP. DRUM / FOSSIL
Jul 2024	SCG-Phoenix Pulp & Paper (Public) Co., Ltd.	Aquarian 3000Mini 10 Probe System / FOSSIL
May 2024	TOKAI CARBON GROUP	D216 TCP New Project Emergency relief valves Spring type max to 34 inches by TTCL
May 2024	Thai Cane Paper Public Company Limited.	TCP1: Level Gauge Kit for Boiler / FOSSIL
Apr 2024	SCG Chemical (TPC Plant)	Emergency relief valves KSEP 24" Qty. 5 sets.
Feb 2024	District Cooling System and Power Plant Co., Ltd.	Aquarian 3000 Visual Port Gauge for HP Drum Level (HRSG#1,2) / FOSSIL
Jan 2024	Viny Thai PCL	Hastelloy Educator Sakura Project / ELMRIDGE by Trepax
Dec 2023	AGC Viny Thai PCL	ETFE Lined PVRV 90% Tightness for HCL application Sakura Project by GC N
Dec 2023	PTTEP SP LIMITED.	D212 (Lot3) SPH Central Booster Compressor at WellPad A Installation and Construction Project / Barton Firtop by TTCL
Nov 2023	PTT Global Chemical Public Company Limited (GC6)	Liquid seal Emergency relief valve with 90% Tightness technology for T-570
Nov 2023	Thai Ethoxylate Company Limited.	ICARE PROJECT ELECTRIC HEATER by GC Maintenance and Engineering
Oct 2023	EGAT Power Plant. (Wang Noi)	Probes for HRSG 42 HP Drum Electrode / FOSSIL
Oct 2023	Chubu Ratchaburi Electric Services Co., Ltd.	Aquarian 3000Mini HP Drum System / FOSSIL
Oct 2023	Unimit Engineering Public Company Limited.	SAKURA PROJECT Steam Drum Educator / ELMRIDGE
Oct 2023	IRPC Public Company Limited	Pressure Difference Switch for Clean Power Rayong Plant / Delta Mobrey
Oct 2023	PTT Global Chemical Public Company Limited	PR.18328389 (GC#6) Ex-Heater / ELMESS
Sep 2023	Thai Petroleum Pipeline Co., Ltd.	PR. 966000251 - PRESSURE SWITCH / Delta Mobrey
Sep 2023	KI Sugar Group	RFQP-230800167 FPS Upgrade Double Mica Rebuild Port Kit / FOSSIL
Sep 2023	Nakornphet Greenergy Ltd.	NPGF09230018 FPS Upgrade Double Mica Rebuild Port Kit / FOSSIL
Jun 2023	PTTEP SP LIMITED.	D212 (Lot2) SPH Central Booster Compressor at WellPad A Installation and Construction Project / Barton Firtop by TTCL
Jun 2023	Ratchaburi Electricity Generating Co., Ltd.	Aquarian 3000 Mini 12 Probe Door Mounted FOR HP, LP DRUM / FOSSIL
May 2023	PTTEP SP LIMITED.	G1/61 Stock Replenishment for Barton Firtop Product / Barton Firtop
May 2023	PTTEP SP LIMITED.	D212 (Lot1) SPH Central Booster Compressor at WellPad A Installation and Construction Project / Barton Firtop by TTCL
Apr 2023	Khon Kaen Sugar Power Plant (Boploy)	Yarway Retrofit LED Illuminator_Replacement Local Level Indicator. / FOSSIL
Apr 2023	Thai Petroleum Pipeline Co., Ltd.	PR. 966000251 - PRESSURE SWITCH / Delta Mobrey
Feb 2023	PTT Global Chemical Public Company Limited.	PR. 11200503 SPARE PCB ASSY / Delta Mobrey
Feb 2023	EGAT NORTH BANGKOK Power Plant.	Aquarian High Pressure Conductivity for HRSG / FOSSIL
Jan 2023	SCG PHOENIX Pulp & Paper	Spare part sight glass steam drum for RB1 / FOSSIL



























# **AURORA WORKS CO., LTD.**

#### **HEAD OFFICE:**

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