

Tank Safety Sale and Service
Protective Equipment
Instrumentation Products







#### WE ARE READY TO WORK TOGETHER















**AURORA WORKS** 



#### **COMPANY PROFILE**

With more than 14 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 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).

#### **ABOUT US**

Aurora Works Co., Ltd. was established in 2008 with more than 14 years' experience in petrochemical oil & gas, Power plant, cement plant, pulp & paper in Thailand market.

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



# **Company History**

2008



First Established as Aurora Works co., ltd. In the Business of sale and service to Industrial products and consultants

2009





Representative of authorization industrial products:

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

market in Petro chemical Oil & Gas industries Aurora Works Co., Itd agreement with KSPC company (Korea) to start up "Exclusive Distributor agent of KSPC"

2010

Add vendor lists with Key-account customer: - Glow Energy - EGAT - PTT AR - TIG - IRPC - TPI Polene - PTT Chemical - Unilever - PTT PE

2011





2012

Expansion head office for Training center for instrumentation & tank protection device program. Add vendor lists customer more than 50 accounts in Thailand

- PTT ME - PTT GC - PTT PLC - PTT EP - SCG Chemical - CBES Group - Bang Chak Petrochemical

(Tank protection device) in Thailand

Coverage with EPC in Thailand

- Thai Rotary - Unimit Engineering - Foster Wheeler - TRC

Setting up "Rayong Branch Office" to coverage of sales

Training Tank protection device program

- Toyothai - IRPC / Lube tank farm - Thai Rotary - PTT GC / Tank farm AR1

Add on Representative Agent with:

2013











2015



2016



2014



2017



2018



2019 -2020

2021





Add on Representative Agent with:

- Fossil / Canada (Level solution)
- Barton Firtop / UK (Mechanical solution)

- FC Korea / Korea(Flow meter solution) - Technical / Italy(Valves solution

- Simco / UK (Level solution)

Add on Representative Agent with:

- Delta Control / UK (Pressure solution)

Add on Representative Agent with:

- SKS Control / Finland

New Office (Head Office) AURORA WORKS CO., LTD.

9 September 2018

"Anniversary 10th Years" AURORA WORKS CO., LTD

Provide the special list - service training Elmess factory / ULEZEN in Germanv.) Setting up New Rayong Branch Office

Add on Representative Agent with:

- Delta Mobrey / UK



#### **Office Location**

# HEAD OFFICE BANGKOK



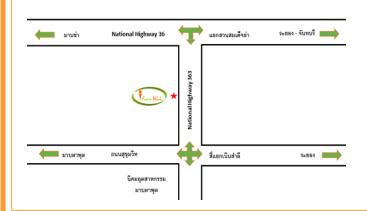


#### **ADDRESS HEAD OFFICE:**

888/24 SOI PRACHAUTHIT 86, PRACHAUTHIT ROAD, THUNG KHRU, THUNG KHRU, BANGKOK 10140

Tel: +66 2815-5114 Fax: +66 2815-6128 E-Mail: INFO@AURORA-WORKS.COM

# BRANCH OFFICE RAYONG







#### **BRANCH OFFICE:**

68/3 NATIONAL HIGHWAY 363 RD, T. THAPMA, A. MUANG-RAYONG, RAYONG 21000

TEL: +66 38 682-821 / +66 89 499-1139



#### Letter of Authorization

KLOPPER





technical s



BARTON FIRTOP

BARTON FIRTOP ENGINEERIN COMPANY LIMITED









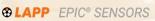


















Aurora Works Co.,Ltd. 888/24 Soi Prachauthit 86, Prachauthit Road, Thung Khru, Thung Khru, Bangkok 10140 Thailand

Aurora Works Co., Ltd. is not entitled to take over any liabilities or expenses in the Klöpper-Therm.



#### **Our Customers**

#### Petro and chemical Industries



































































Industrial Gas



















#### Tank Farm and Terminals

















#### **Power Plant**























Pulp and Paper Industry



Sugar / Oil



RATCH CRESCO SSUT OPERATIONAL ENERGY GROUP LIMITED



























Food and beverage

















#### 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-326.2 105" SAE 6000 05.415

#### **Safety Valve Solution**

- Safety Valve
- Pilot Operate Safety Valve







#### **Strainers**

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









#### **Product**



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

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



**&LAPP** EPIC® SENSORS



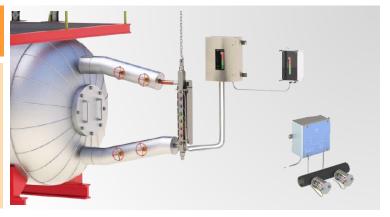


#### **Hydrastept & Hydratech**

 Conductivity Probe Steam drum water level monitoring system



delta-mobrey







#### Heater

- Immersion Heater
- Air Heater
- Process Heater







## **Service Solution**



Testing / Calibration Onsite and Rayong workshop

Installation / Consultancy Design referenced API2000

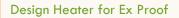
Overhaul and Troubleshooting











FAT/SAT Commissioning

Troubleshooting

**Heater Training** 

Installation

Installation

Maintenance

Glass Replacement

















# **Project Reference**

| F.Y.      | Client Name                                     | Project Name   |
|-----------|---|--|
| Nov 2021  | Thai Rotary Engineering PCL (TREL)              | CFP Initial Start-up Facilities Concurrent Work Project  |
| Nov 2021  | Thai Rotary Engineering PCL (TREL)              | Clean Fuel Project   |
| Nov 2021  | Best Tech & Engineering Limited                 | Hin Kong Power Plant Project   |
| JAN 2021  | IRPC Clean Power Company Limited                | Spare part for HP Drum Boiler SN 143-045,046,047,048 / FOSSIL                                  |
| DEC 2020  | Glow SPP 3 Co., Ltd.                            | PN: 9300-0002 Aquarian High Pressure Conductivity Probe / FOSSIL                               |
| DEC 2020  | Siam Kraft Industry Co., Ltd. (Ban Pong)        | FPS Upgrade Double Mica Rebuild Port Kit / FOSSIL  |
| DEC 2020  | Best Tech & Engineering Limited                 | Deluxe Gauge Kit with a Liquid Seal - GPD Project / GSI  |
| DEC 2020  | PTT Exploration and Production PLC              | Request Quotation for OLG/M-SP-20201125- Stock replenishment 1100180886 / BARTON FIRTOP        |
| NOV 2020  | IRPC Clean Power Company Limited                | Spare part for AUX BOILERS; SN 146-051 / FOSSIL  |
| NOV 2020  | Glow SPP 3 Co., Ltd.                            | Thermocouple, Type K, for replacement 2020 / SKS   |
| OCT 2020  | Ratchaburi Electricity Generation Co., Ltd      | Spare part Aquarian 3000 MINI Block 3-1 LP Drum / FOSSIL                                       |
| OCT 2020  | Glow SPP3 Co., Ltd.                             | Aquarian 3000Visual Ported Gauge Rebuild Port Kit / FOSSIL                                     |
| SEP 2020  | Thai Petroleum Pipeline Co., Ltd.               | SPARE KIT, SWITCH MECHANISM H4 / DELTA MOBREY  |
| SEP 2020  | Nakornphet Greenergy Ltd.                       | FPS Upgrade Double Mica Rebuild Port Kit / FOSSIL  |
| SEP 2020  | Thai Rotary Engineering Public Co., Ltd.        | PTT LNG Nong Fab LNG Receiving Terminal Project  |
| SEP 2020  | Siam Kraft Industry Co., Ltd. (Ban Pong)        | FPS Upgrade Double Mica Rebuild Port Kit / FOSSIL  |
| AUG 2020  | Veerasuwan Co., Ltd.                            | REFLEX TYPE LEVEL GAUGE / NEW FLOW   |
| AUG 2020  | Thai Ethoxylate Co., Ltd.                       | Immersion heater for 01V009 / ELMESS   |
| AUG 2020  | SYSTANO CO., LTD.                               | Pressure Difference Switch / DELTA MOBREY  |
| AUG 2020  | KI Sugar Group                                  | FPS Upgrade Double Mica Rebuild Port Kit for Boiler 04 / FOSSIL                                |
| JULY 2020 | PTT Gas Separation Plant                        | Fuel gas heater Controller คืนที่ OCS3 จำนวน 3 สู่ 1120014683 / ELMESS                         |
| JULY 2020 | Siam Kraft Industry Co., Ltd. (Ban Pong)        | FPS Upgrade Double Mica Rebuild Port Kit / FOSSIL  |
| JUNE 2020 | PTT Exploration and Production Public Co., Ltd. | 1101 PTTEP Bangkot B15, B16, B17 / ELMESS  |
| JUNE 2020 | SSUT Co., Ltd. (Power plant Bang-Pu)            | Level Switch Project for Steam Pipeline Improvement Project / FOSSIL                           |
| JUNE 2020 | PPTC Co., Ltd. (Power plant Ladkrabang)         | Level Switch Project for Steam Pipeline Improvement Project / FOSSIL                           |
| MAY 2020  | Thai Ability Engineering Co., Ltd.              | DMK Intoplane Substation Project / TECHNICAL   |
| MAY 2020  | Ratchaburi Electricity Generating Co., Ltd.     | Pressure Difference Switch / DELTA MOBREY  |
| APR 2020  | EGAT Nampong Power Plant                        | FPS Upgrade Double Mica Rebuild Port Kit / FOSSIL  |
| APR 2020  | Ratchaburi Electricity Generating Co., Ltd.     | Electronic level model AQ3000 Mini spare part new column with probe Block 2-1 HP Drum / FOSSIL |























MAX MÜLLER AG





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

#### HEAD **OFFICE**:

888/24 Soi Prachauthit 86, Prachauthit Road, Thung Khru, Thung Khru, Bangkok 10140

#### **BRANCH OFFICE:**

68/3 NATIONAL HIGHWAY 363 RD, T. THAPMA, A. MUANG-RAYONG, RAYONG 21000

TEL: +66 2815-5114 FAX: +66 2815-6128 E-MAIL: INFO@AURORA-WORKS.COM https://aurora-works.com/



