

AURORA WORKS

COMPANY LIMITED



- TANK PROTECTION DEVICES
- CALIBRATION & TRAINING
- VALVE & ACTUATOR
- MOTOR & HEATER
- CONTROL SYSTEM

- TEMPERATURE
- FILTRATION
- **ELECTRICAL**
- PRESSURE
- FLOW

http://www.aurora-works.com E-mail: info@aurora-works.com Tel.:66-2815-5114 Fax:66-2815-6128



Aurora Works Co., Ltd.

Company Profile:

With more than 15 years' experience for engineering team, Aurora Works Co., Ltd. is a market leader in the following field;

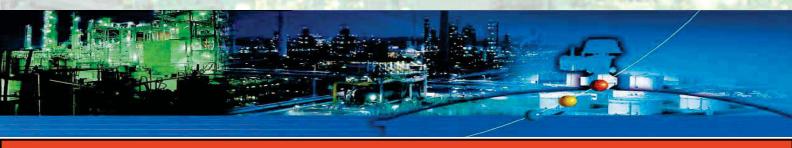
- Supply Tank Protection Devices, Instrumentation & Valves.
- Support a wide range of industries from manufacturing to process control integrators.

Industrial Applications include:

- **Power plant, Cogeneration Plants**
- **Petrochemical**
- **Chemical Processing**
- **Automotive Manufacturing**
- **Food and Beverage**
- **Cement Industries**

- Oil & Gas; Crude and Product Tank Farms
- Refinery
- Pulp & Paper
- **Water & Water Treatment**
- Steel and Metal.
- **Pharmaceutical**
- A system integrator and Lump Sum Turn Key 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.

In addition, 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.



OUR CUSTOMERS

























































































BMTP







































PLUS











@ EVONIK MISP













KSPC / KOREA (Ex)

TANK PROTECTION API 2000



Pressure / Vacuum Relief Valve

The Pressure / Vacuum Relief Valve is designed to protect low pressure storage tank from excessive pressure or vacuum created by thermal expansion [and contraction] and product movement into [out of] the tank and at the same time minimizing costly product evaporation / loss.



Flame Arrester

The most straight-forward protection device against Flame propagation is a Flame Arresters as countery and local air quality regulation become more stringent.



Emergency Vent Covers

The Emergency Vent Valve and manhole cover open to greatly Increase the venting capacity of petroleum storage tanks when the internal pressure rises above the set point.



Rupture Disk & Explosion Panel & N2 Blanketing Valve

N2 Blanket gas controller helps gas pressure to maintain in constant state in the vapor space of storage Tanks.



Gauge Hatch & Slot Dipping Devices

The KSPC's Sampling and Gauging Hatch Cover are designed to provide quick access for product gauging, temperature measurement or sampling.

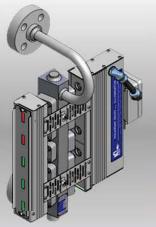




FOSSIL / CANADA

FOSSIL HIGH PRESSURE & TEMP For Power - plant

AQUARIAN 3000Visual Ported Bi-Color Gauge Glass









ELECTRONIC UNIT TYPICALLY 5-12 PROBES (UP TO 48 PROBES)



PROBE COLUMN

Aquarian 3000Visual Bi-Colour Water Level Gauge

The **Aquarian 3000V**isual is a 3000 psi ported gauge that produces a red/green image to indicate the water level in a high pressure steam drum. The body is precision machined into a trapezoidal shape. Light projected through steam produces a red image. Light projected through water is refracted (bent) and produces a green image. The gauge fulfills the requirements in the 2001 ASME Boiler and Pressure Vessel Code Section 1 PG-60.1.



Aquarian 3000Mini

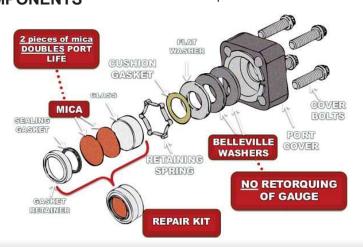
The **Aquarian 3000M**ini represents the latest advancement in electronic water level detection for satisfying basic water level indication needs for boiler drums, feedwater heaters and other liquid level applications. The Aquarian 3000Mini is comprised of three major components: the water column with vacuum brazed water detection probes, the electronic Detection and Verification (D&V) unit and the remote LED display.



High Integrity Brazed Joint Probe "Once And You're Done"

Building on the success of the Aquarian brazing technology, Fossil has developed replacement probes for Clark-Reliance™ models ZG, FG, V and T gasketed probes. This brazing technology is well proven with over 60,000 Aquarian probes in service worldwide.

PORTED GAUGE COMPONENTS





DELTA MOBREY / UK

PROCESS MONITORING, ALARM

Pressure switches

Mobrey is a leader in the design and manufacture of robust, reliable and competitively priced compact, Industrial and high performance switches-internationally approved for use in hazardous areas for safety alarm and Shutdown applications.

Based on proven technology, switch products can operate at high and low pressures and are designed to satisfy site classification and all significant industry approvals.



Pressure transmitters

Mobrey analogue and digital pressure transmitters are repeatedly specified because of their compact size rugged design and high standard specification.

Mobrey pressure transmitter range includes absolute, differential and gauge designs, with analogue or digital outputs. High pressure and best in class accuracy can satisfy even the most demanding pressure applications over a wide temperature range.



Level & Control solutions

Mobrey™ Magnetic Horizontal Level Switches For Liquid Level Alarm and Pump Control

You need to trust that your level switches won't let you down. Mobrey float level switches are rugged, robust, and trusted globally for their long term reliability in the harshest of environments and the most hazardous areas. Ideal for industrial applications such as pump control and high or low alarm duty on tanks and pressure vessels.

MSM400 ULTRASONIC SOLIDS MONITORING AND CONTROL SYSTEM

VLS SERIES VIBRATING ROD SOLIDS LEVEL SWITCH

The vibrating rod level switch is the perfect solution for single point level switching in free flowing solids across a wide density range, from fine powders to grains. A single rod design provides the solution to tuning forks which may become blocked or bridged.



The paddle switch may be used as either a high or low level limit switch. It is easily mounted through a vessel wall. A small electric motor drives a paddle which rotates freely in the absence of material.







BARTON FIRTOP / UK **STRAINER - PORTFOLIO**

150-300LB Quick Release Basket









150-300LB Quick Release Basket

600LB Q/R Basket

Bolted Cover

Fabricated Basket



Barton Firtop's Basket Strainers offer a LARGER filtration area than similar strainers on the market, ensuring minimal pressure loss, improved flow-rates & greater dirt holding capacity, leading to longer service/ maintenance intervals.

The **150-300LB Basket Strainer**, also known as Mono-in-line Strainer, is designed for the efficient removal of solid/foreign material from flowing liquids & gases.

Our Quick Release range of Basket Strainers are manufactured to PED/97/23/EC with end connections machined to recognized International Standards such as ASME B16.5. **Advantages of Basket Strainers over Y-Type**

Strainers

- Debris contained in basket
- Quick Release closure for easier maintenance
- Larger filtration area/Dirt holding capacity





Socket Weld Y-Type



Duplex 'Firplex' Strainer



Flanged Y-Type



TECHNICAL / ITALY SAFETY VALVE SOLUTION



30000 SFRIFS

Safety valves 30000 Series: suitable for vapours, gases and liquids. These are full nozzle, full lift and spring-loaded valves compliant with API 526 standard, certified under PED, ASME VIII Div.1 and EAC.











30000P HIGH EFFICIENCY

High Efficiency Pilot operated safety valve: suitable for vapours, gases and liquids. They can operate with high back pressure values and can grant tightness in accordance with API 527 up to 95% of set pressure. Pilot is equipped with a blowdown adjustment device.









Safety valves 20000 Series: available with threaded or flanged connections up to 1", suitable for vapours, gases and or liquids with set pressure up to 1500 bar. These valves are both PED and EAC certified for all fluids and certified under ASME VIII Div. 1 for gases and vapours device.



10000 SERIES

Safety valves 10000 Series: available with threaded or flanged connections up to 2", suitable for vapours, gases and liquids. These valves are both PED and EAC certified for all fluids and certified under ASME VIII Div. 1 for gases and vapours.









4000 SERIES

Relief valves 4000 Series: available with threaded or flanged connections up to 2", suitable for liquid fluids. They are especially recommended for the protection of dosing/metering pumps. These valves are both PED and EAC certified.



SV 5001 SERIES

Safety valves SV 5001 Series: available with 1/2" threaded connections, suitable for vapours, gases and liquids and for protection of low flow rate pumps. These valves are PED certified.



SV 10001 SERIES

The safety valves series SV 10001 are made of stainless steel SS 316L and of superalloys. Connections ¼ ", the adjustable outlet connection.



EPIC® SENSORS/ FINLAND

TEMPERATURE SOLUTION



Thermocouples

EPIC® SENSORS thermocouple sensor produces a mV measuring signal, which is proportional to temperature depending on which TC type is used.

The sensor is a standard-type RTD or TC temperature sensor (no ATEX/IECEx requirements)

The connection hood is a standard-type, IP 65-protected hood, with a protective earth connection screw (no ATEX/IECEx requirements)

The whole circuit must be designed as an intrinsically safe Ex i circuit (cable length, ATEX/IECEx transmitters, ATEX/IECEx barriers).









Amazing Long-Range Signal

LoRa transmission technology has a 15 km range outdoors, and the signal also transmits well indoors and even below ground. Being highly torerant of interference, it suits demanding environments



Stock items of compensating cables

Thermocouple sensors must be wired with right kind of materials between hot and cold junctions, in order to avoid measurement deviation caused by thermo voltages in connections of different materials. Cable types used are extension wires (X) or compensating cables (C).





ELMESS / GERMANY

MOTOR & HEATER & FILTER

Electric air heaters

The heating coils with integrated electrical heating elements, flange frame or fixing plate as well as casing for electrical connections are laid out and assembled according to the customer's specifications and operating manual.

Materials are made of steel or stainless steel according to customer's instructions.

A higher thermal efficiency is attained using a specific surface load (pa), which is optimally adjusted to the operating conditions.







Air blower heaters

Explosion protected air heaters are used for warming the air space in explosion hazardous areas, e.g. in the petrochemical, chemical and pharmaceutical industries, crude oil and natural gas production, in paint and varnish industry storage spaces as well as for general use in fire hazardous production facilities.

A heating coil and ventilator both of explosion proof design are installed in a duct shaped housing.









Immersion heaters

Immersion heaters serve for heating of fluids, air or gas. They are components of machinery and plants, or mounted into tanks or vessels.

According to the individual requirements of our customers, ELMESS-Thermosystemtechnik is offering customised immersion heaters.

They are designed and manufactured in high quality industrial design or in explosion proof design according ATEX. This guarantees a maximum of reliability, safety and long lifetime for your plants.









MAX MÜLLER AG / SWITZERLAND

Process illumination and visual observation systems



Stainless light fitting for hazardous areas





These two series of classical, yet innovatively developed and uniquely powerful light fittings for use in hazardous areas have layed the base for MAX MUELLER's success in this field. Their robust design, the variety of fixation modes and the important range of options make them a sophisticated tool to light out all kind of process equipment, even for very demanding applications. The 100 deH type with 100 W power is actually the most powerful halogen type vessel light fitting classified in T4 available on the market.

Stainless steel sightglass light fitting for safe areas

- Universal use on different sightglass types due to very small dimensions
- Ideal for application, sight and light through one sightglass
- Power from 2 to 100 W, supply voltages from 12 up to 240 V
- Halogen or LED version



Half-light fittings for safe areas - For application, sight and light through one sightglass"

- Power from 2 to 100 W, supply voltages 12 and 24 V
- Halogen or LED version
- For use with momentary push button, ON-OFF"-switch as well as For continuous operation (depending on type and power)
- From stainless steel for sightglasses similar to DIN 11851 (series HLMR)













MANWAYS



SIMCO / UK LEVEL SOLUTION

Reflex Liquid Level Gauge

Simco Reflex liquid level gauges are designed to operate based on the difference in the refractive indices of liquid and vapour. The liquid flows through the gauge chamber behind the viewing glass located on only one side of the instrument and which is clamped to the gauge body. The viewing glass is made from toughened borosilicate glass and has prismatic right-angled grooves on the side facing the liquid and vapour space.





Magnetic Liquid Level Gauge

Magnetic liquid level gauges can be used for measuring either total or interface level and offer an alternative solution to traditional reflex / transparent gauges. Accessories such as switches / transmitters can be supplied and fitted to this type of gauge and it is not necessary to have isolation valves as there is no glass to break.

Reflex & Transparent Gauges

Simco Reflex liquid level gauges are designed to operate based on the difference in the refractive indices of liquid and vapour. The liquid flows through the gauge chamber behind the viewing glass located on only one side of the instrument and which is clamped to the gauge body. The viewing glass is made from toughened borosilicate glass and has prismatic right-angled grooves on the side facing the liquid and vapour space.











Isolation Valves

Simco isolation valves have been specifically designed for use with liquid level gauges and are available in a variety of materials suitable for temperature and pressure ranges to meet most specifications. Valves are available in both straight and offset pattern designs and have a selection of vessel and gauge connections to fit a variety of mounting requirements.



KLOPPER / GERMANY

Electrical Heating Systems









Heating up Gases and Vapours

Heating gases with a heater is a complex task.

High temperatures must often be regulated while main-taining a high operating pressure. Heaters from Klöpper- -Therm meet these requirements by an appli-cation-oriented dimensional design.

Heating up Liquids

Liquids stand for high heating capacities and good thermal conductivity. They have low requirements in terms of operating temperature and pressure. Our expert knowledge is nonetheless required to prevent the medium from thermally disintegrating or vapori-sing caused by overheating (cracking).





Heating Mat System / Heating System and Control

Cold storages and cooling chambers use a range of heating systems depending on the design. Klöpper-Therm offers sophisticated solutions for the most varied requirements.





GSI/ USA TANK GAUGING SOLUTION



Gauging Systems Inc. (GSI) manufactures: Flood Gauges, Target Boards, Sump Gauges, Level Indicators, Tank Gauges, Mechanical Float & Tape Gauges, Multi-function Tank Gauge, Digital Transmitters, Analog Transmitters, Limit Switches, RTU's, LPG Tank Gauges, Communication Interfaces, Solar Interfaces, Instrument Shelters, High Level Alarm Switch, Overfill and Rupture Prevention, Unauthorized Movement Alarms (Leak Detection, Theft, Improper Line-ups, Equipment failure, etc.), Drop Box Notification Systems, and more.



2000 ABSOLUTE DIGITAL TRANSMITTER

The GSI-2000 Absolute Digital Transmitter provides transmission of mechanical tank gauge data and I/O from tank side to a communication interface or host system.



The 2550 Magnetic Level Gauge provides local indication for level measurement. This tank gauge's internal components are totally isolated from the product of the tank within a sealed tube.





2570 MECHANICAL TANK GAUGE

The GSI 2570 Mechanical Tank Gauge is a mechanically actuated, float and tape instrument designed to provide continuous level measurement in tanks, vessels, vats, or any other container for liquid storage. Also referred to as Automatic Tank Gauge (ATG), Float and Tape Tank Gauge, Float Type Level Gauge.

2400 ANALOG TRANSMITTER

The GSI 2400 Analog Transmitter is a current output (4-20 mA) transmitter that converts level measurement from a standard mechanical tank gauge.







MTG MULTI-FUNCTION TANK GAUGE

The MTG Multi-function Tank Gauge provides more information for Loss Control, Safety, Environmental, and Operations than any other tank gauge system ever developed. It provides and exceeds data needed to meet a host of API Recommended Procedures or Standards for Overfill Protection, Rupture Monitoring (Over pressure & Vacuum), Product Quality (Sampling), Vapor Emissions Monitoring, Leak Detection, Product Stratification Monitoring for In-Tank Blending, Water Settling (Bleeding), etc. thus assuring payback on your investment.

KSPC PROJECT REFERENCE LIST

F.Y.	Client Name	Project Name
MAR 2020	Thai Rotary Engineering Public Co., Ltd	P11P4358_END LINE PRESSURE VACUUM RELIEF VALVE
FEB 2020	Milott Laboratories Co., Ltd.	Flame Arrester 2" / 5 SETS
FEB 2020	GC Maintenance and Engineering Co., Ltd. (GCME)	SD-20-19269_Refined Glycerine II FEED (OSBL) Vertification Project
JAN 2020	TRC CONSTRUCTION PLC	Bangchak Refined Glycerin Plant Project - Instrument on Top Tank Lot 2
DEC 2019	PTT Global Chemical Public Co., Ltd.	10641641_PTT GC#6_ Pressure Vacuum Relief Valve
DEC 2019	TRC CONSTRUCTION PLC	Bangchak Refined Glycerin Plant Project - Instrument on Top Tank
DEC 2019	Sutee Dished Heads and Metal Form Co., Ltd.	JA-62/0161 Pressure Vacuum Relief Valve 2" / 7 Sets
NOV 2019	Thai Rotary Engineering Public Co., Ltd	P11P3996 MR187675 Pressure Vacuum Relief Valve & Gauge Hatch
SEP 2019	LCB Corporation Company Limited	Emergency Vent Cover 24" and Slot Dipping Device 8"
AUG 2019	Solvay (Bangpoo) Specialty Chemicals Ltd.	PVRV with FA for tank PVRV T-306 and T-364
AUG 2019	Thai Sugar Ethanol Company Limited	100,000 LPD Fuel Grade Ethanol Plant (Phase II) Project
JUL 2019	TTCL Public Company Limited	D189 Olefins Reconfiguration Project (ORP)
JUL 2019	Solvay (Bangpoo) Specialty Chemicals Ltd.	Vacuum Relief Valve Model : KSBG TYPE 3"
JUL 2019	PTT Global Chemical Public Co., Ltd.	D189 Olefins Reconfiguration Project (ORP) By TTCL Public Co.,Ltd.
MAY 2019	PTT Global Chemical Public Co.,Ltd.	Project: 10534425 : 1010253266 / I1
MAY 2019	PM SILALERT Co.,Ltd.	Project CUP4 phase1 GPSC
APR 2019	SCG Chemical (MOC plant.)	Emergency Pressure / Vacuum Relief Valve 24"
MAR 2019	Thai Tank Terminal	PO & POLYOLS_PIIP3351 PROJECT By Thai Rotary Engineering
MAR 2019	PTT Phenol Co.,Ltd.	PVV-12-0301 and Emergency Manhole at TK-1201
FEB 2019	Almendra (Thailand) Ltd.	N2 BLANKETING VALVE 1/2" DST 100 TYPE
FEB 2019	IRPC Public Company Limited.	EMERGENCY VENT VALVE_KSPC PG 220
JAN 2019	SCG Chemicals Co.,Ltd.	I-18-092 TPE_HD3 LP Loading Safety Improvement
DEC 2018	PTT Global Chemical Public Co.,Ltd.	10460961//EMERGENCY RELIEF VALVE 24"KSEPK TYPE
DEC 2018	PTT Global Chemical Public Co.,Ltd.	D189 Olefins Reconfiguration Project (ORP) By TTCL Public Co.,Ltd.
DEC 2018	Mitsubishi Hitachi Power System Ltd.	GED GSRC New CCPP Project By Best Tech & Engineering
NOV 2018	Global Chemical Co.,Ltd.	KSBSFI TYPE & KSGH TYPE 4" By Phenix Engineering
AUG. 2018	Global Green Chemicals Public Co.,Ltd.	Methyl Ester Plant II Project By K THAI CONTRACTOR
AUG. 2018	UBE Group (Thailand) Co.,Ltd.	PC-18031, SVR
AUG 2018	Thai Rotary Engineering Public Co.,Ltd.	B11P2953 : Request urgent quotation for PVRV
AUG 2018	IRPC Public Company Limited	1100097375: Emergency Vent Valve 20"
AUG 2018	Henkel (Thailand) Ltd.	Henkel Project By Technical system engineering
JUN 2018	SCG Chemicals Co.,Ltd.	Redundant Naphtha Andpygaspipeline Project

SERVICE SOLUTION



GOODS PRODUCTS













PROJECT REFERENCE LIST

F.Y.	Client Name	Project Name
MAR 2020	Glow Energy Public Company Limited	CFB-3 Replacement Drum Steam Level Gauge / FOSSIL
MAR 2020	TN Maker Company Limited	Flow Heater HK/SE-4 / ELMESS
FEB 2020	IRPC Public Company Limited	Spare Part PG 220#1510001185 / FOSSIL
FEB 2020	Glow SPP 3 Company Limited	Thermocouple, Element, Sheath (K) / SKS / EPIC
FEB 2020	Ratchaburi Electricity Generating Co., Ltd.	Probe column to replace 983-052_Block 3-2 IP Drum / 3-1 HP Drum / FOSSIL
JAN 2020	TRC Construction Public Company Limited	Bangchak Refined Glycerin Plant Project / BARTON FIRTOP
JAN 2020	Glow SPP 3 Company Limited	Thermocouple, Element, Sheath (K) / SKS / EPIC
JAN 2020	Glow Energy Public Company Limited	Aquarian High Pressure Conductivity Probe / FOSSIL
DEC 2019	PTT Global Chemical Public Co., Ltd.	Ex Immersion Heater Type DHG11B01GG-0,75-T3 / ELMESS
DEC 2019	Best Tech & Engineering Ltd.	BTE Level Gages for Potable Water Storage Tank
NOV 2019	Siam Kraft Industry Co., Ltd (Ban Pong)	1330087468-1_STEAM DRUM PB.11, 12 / FOSSIL
OCT 2019	IRPC Clean Power Company Limited	IRPC Clean Power Inquiry for Parts PG 220 / FOSSIL
OCT 2019	Ananda Innovation Co., Ltd.	SAFETY VALVE 2000 SERIE / TECHNICAL
SEP 2019	PTT Global Chemical Public Co., Ltd.	Ex Preheater / ELMESS
SEP 2019	EGAT WANGNOI POWER PLANT	Aquarian 3000Visual Ported Gauge Rebuild Port Kit / FOSSIL
SEP 2019	EGAT (Mae Moh Power Plant) (Block 8 – 11)	Pressure Switch / Delta Mobrey
SEP 2019	Korach Industry (KI SUGAR GROUP)	FPS Upgrade Double Mica Rebuild Port Kit / FOSSIL
AUG 2019	Glow Energy Co., Ltd.	GSPP3 / Thermocouple Sensing Element / SKS - EPIC
AUG 2019	Best Tech & Engineering Limited	Thailand GED/GSRC New CCPP IPP Project / GSI
AUG 2019	Ratchaburi Power Company Limited	Aquarian 3000Mini / HRSG Instrumentation / FOSSIL
JUN 2019	Double A (1991) Public Company Limited	Aquarian 3000 Mini at NPS Boiler unit 7 / FOSSIL
JUN 2019	Ratchaburi Electricity Generation Co., Ltd.	2960019889-10 / HP Drum Level Indicator / FOSSIL
JUN 2019	PTT Global Chemical Public Co., Ltd.	9810229033 / Ex Preheater DHK15B03GG/SE-7,5-T3 / ELMESS
MAY 2019	IRPC Public Company Limited	1100105219 / AQ3006VF Left Hand Gauge at PWP2 Pant / FOSSIL
APR 2019	Integrated Solution Resources Co.,Ltd.	Unit 8 & Unit 9 / Aquarian High-Pressure Conductivity Probe / FOSSIL
FEB 2019	Nava Nakorn Electricity Generating Co.,Ltd.	Special Sight Glass Spares / MAX MÜLLER AG
FEB 2019	Glow SPP 2 Co., Ltd.	GSPP2/GSPP3 / Delta Mobrey
JAN 2019	National Power Supply PLC	Local Level Indicator - Left Hand Gauge / FOSSIL
JAN 2019	Glow SPP 3 Co.,Ltd.	11910336 / Thermocouple, Element, Sheath (K) / SKS - EPIC

"ELMESS" SERVICE SOLUTION



































"FOSSIL" SERVICE SOLUTION

































2019

Provide the special list - service training Elmess factory / ULEZEN in Germany.)
Product KSPC / certified ATEX / Ex for Breather Valves and Flow laboratory third party.

2018



9 September 2018 "Anniversary 10th Years" AURORA WORKS CO., LTD 2017



New Office AURORA WORKS CO., LTD. (Head Office) 888/24 Soi Prachauthit 86 Prachauthit Rd, Thung Khru, Thung Khru, Bangkok 10140

2016



Add on Representative Agent with:

- SKS Control / Finland

2015



Add on Representative Agent with:

- Delta Control / UK (Pressure solution) 2014







Add on Representative Agent with:

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

2013



Add on Representative Agent with:

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

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 - SCG Chemical
- PTT EP - CBES Group
- Bang Chak Petrochemical

Coverage with EPC in Thailand

- Thai Rotary
- Unimit Engineering
- Foster Wheeler
- TRC

Training Tank protection device program

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

2011



Setting up "Rayong Branch Office" to coverage of sales market in Petro chemical Oil & Gas industries



Aurora Works Co., Itd agreement with KSPC company (Korea) to start up "Exclusive Distributor agent of KSPC" (Tank protection device) in Thailand

2010

Add vendor lists with Key-account customer:

- Glow Energy - PTT AR
- EGAT - TIG
- IRPC
- TPI Polene
- PTT Chemical
- Unilever
- PTT PE

2009







Representative of authorization industrial products:

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

2008



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



Mission

Be recognized as the leading supplier in delivering smarter of Tank protection devices & instrumentation and solutions.

About Us

Aurora Works Co., Ltd. was established in 2008 with more than 10 years' experience in petrochemical oil & gas, Power plant, cement plant, pulp & paper in Thailand markets.

With representative & distribution, and services of instrumentation, electrical, mechanical c/w valves solution, Such as; Tank protection device, Water level detection products, Flow, Temperature, Pressure, Control Valve and cover engineering service.

Aurora Works is the exclusive distributor for K.S.P.C. (Korea), Fossil (Canada), Klopper (Germany), EPIC-SKS (Finland), Elmess (Germany), Barton Firtop (UK), Delta Mobrey (UK), Simco (UK), Technical (Italy), and MAX MÜLLER (Switzerland).

BRANCH OFFICE - RAYONG

Vision

To deliver superior customer services and solutions to our customers effectively and efficiently.

HEAD OFFICE - BANGKOK























ELMESS









AGENCY AGREEMENT

































FDC / KOREA

































































PRODUCTS & SERVICES

PRODUCTS AUTHORIZATION

1. KSPC / FDC Tank protection devices / Rupture Discs Korea 2. Fossil

High pressure water column level gauge & Ports Glass Canada

Pressure / Temperature / Level switches & transmitter UK 3. Delta Mobrey

4. Elmess Electric immersion heater (Exd.) for gas / steam / liquid Germany

5. Technical Safety relief valves Italy

6. Simco Reflex/Transparent Magnetic Level (Premium grade) UK

Basket Strainer UK 7. Barton Firtop

8. Lapp Automatic Thermocouple, RTD **Finland**

9. Klopper **Heaters Tracing System** Germany

10. Max Müller AG Sanitary / Biogas, sight glass light fitting for Hazardous area Switzerland

SERVICE DEPARTMENT

- 1. Calibrate and inspection test PVRV (Breather valves, ERV, Blanketing regulator) following API2000
- 2. FAT / SAT and commissioning Electric heater (Exd.) / Blower heater + control panel unit.
- 3. Calibrate field instruments such as; Pressure / Temperature Gauge, Transmitter, Controller & switches, and safety valves following (API 527).
- 4. Retrofit YARWAY ports glass, Clark reliance conductivity probes to FOSSIL / New installation & Replacement maintenance.
- 5. Preventive maintenance UPS and battery under APC brand
- 6. PLC programmer project
- 7. Training for API 2000 for low pressure venting storage above ground / ASME PG60 for steam drum water level gauge.

