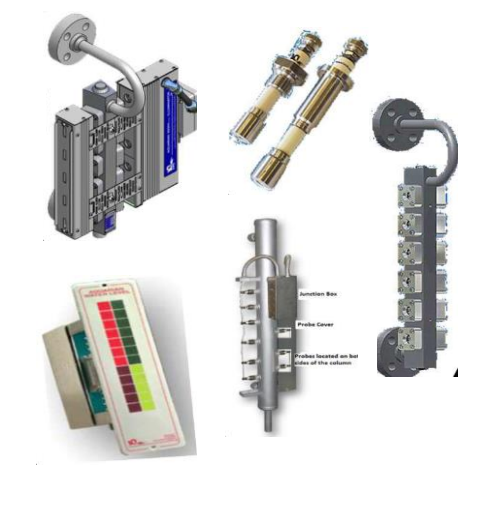
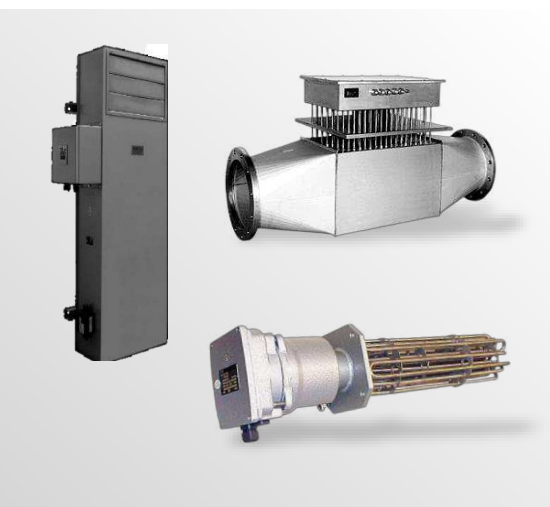




Tank Safety Sale and Service
Protective Equipment
Instrumentation Products



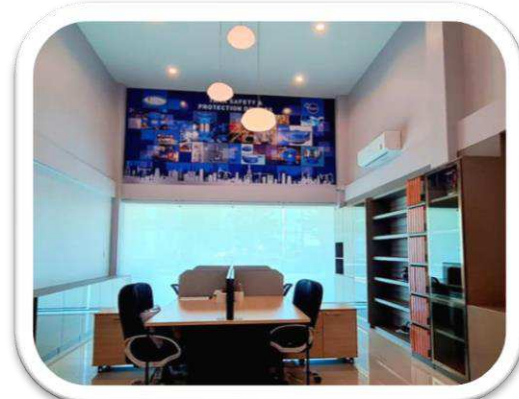
WE ARE READY TO WORK TOGETHER



AURORA WORKS



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 and Valve.
- Support a wide range of industrial 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; and Product Tank Farm
- Refinery
- Pulp & Paper
- Water and Water Treatment
- Steel and Metal
- Pharmaceuticals

OUR CUSTOMER

Petrochemical Industries



Oil & Gas Industries



Industrial Gas



Tank Farm and Terminals



Power Plant



Pulp and Paper Industry



Engineering



Sugar / Vegetable Oil



Biodiesel / Ethanol



Other Business



Food and beverage





KOREA STEEL POWER CORP

Breather Valve & Breather Valve with Flame Arrester



KSBB



KSBBFI



KSBG/GS



KSBGFI



KSBGFH



KSPR/PS



KSPO

Pilot Operation

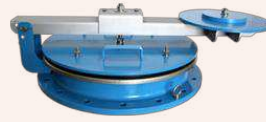
Emergency Vent Cover



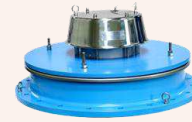
KSEP



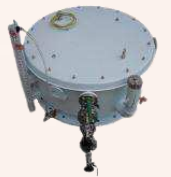
KSES



KSEPK



KSEV



KSEPW

Liquid Seal 90% Tightness

Flame Arrester



KSFI



KSFL



KFD



KSFLD



KSFE



KSFE-S

Gauge Hatch Cover & Slot Dipping Devices



KSGH



KSGE



KSSD



KSSD-A

N2 Blanketing Valve





KOREA STEEL POWER CORP

Air Release Valve / Vacuum Breaker



KSBJ



KSBJ-D



KSSV

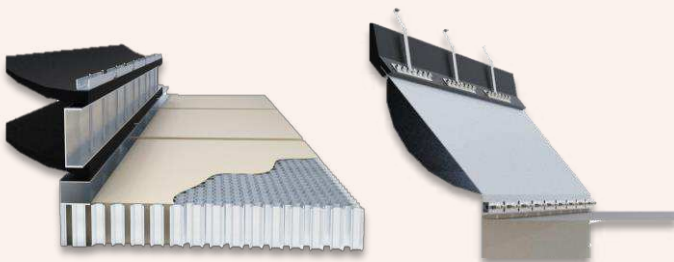


Liquid Overflow
Protection



Pressure / Vacuum
Relief

Tank Sealing System



Internal & External Floating Roof



Float Suction



Oil Skimmer (Pipe)



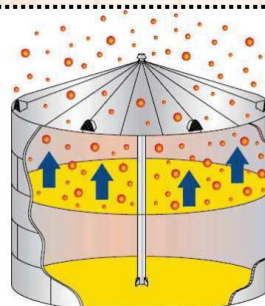
Oil Skimmer (Hose)



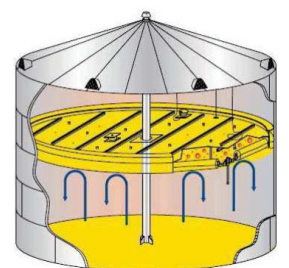
Aluminum Dome Roof



Roof Joint



Vapor Loss without Floating Roof

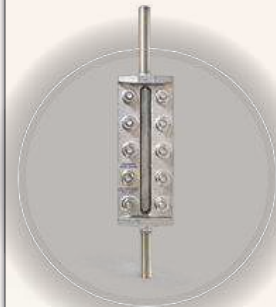
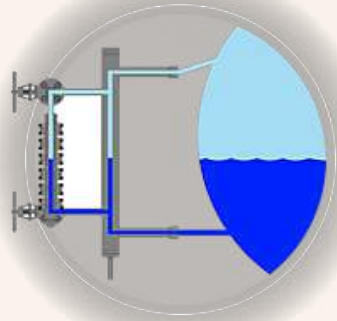


Vapor Prevention with Floating Roof

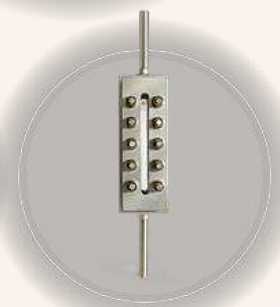
FOSSIL



Visual Gauge Glass



AQUARIAN 650R
Reflex Gauge



AQUARIAN 1000T
Flat Glass Gauge

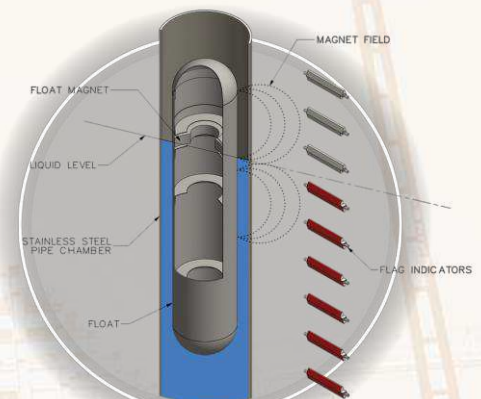
Electronic water Level Indicator



MAGNETIC LEVEL INDICATOR (MLI)



Aquarian 4000 Magnetic Level Indicator (MLI)



FOSSIL



Aquarian Spare Parts



Aquarian Conductivity Probe



Aquarian Ported Gauge Rebuild Kit

Retrofit Probes / Ported Gauge / Illuminator



Fits CLARK RELIANCE™ Model
FG, ZG, V, T & FSB Style Probes

FPS Part Number	Clark Reliance™ Model	Pressure Rating
9300-0007	Model ZG, V & T	2000psi
9300-0006	Model FG	3000psi
9300-0027	Model FSB	3000psi



Fits YARWAY Color-Port Gauge
Use 2 Pieces of MICA



Retrofit LED Illuminator
Fits YARWAY Color-Port Gauge

Isolation Valves / Ball Check Valve / Flow Restrictor



GV3200



GV3100



GV3110



AQ3501
Flow Restrictor



AQ3500
Ball Check Valve

Pressure & Differential Pressure



Transmitters

Switch



Flow



Flow Switch

Temperature



Temperature Switch

Ultrasonic



DMSP400/500



DMSP900



DMCU900

Ultrasonic Level Transmitter

Displacer / Float Level



Displacer Transmitter



Magnetic Float Switch



Sludge & Slurry



MSM400

Suspended Solids Measurement

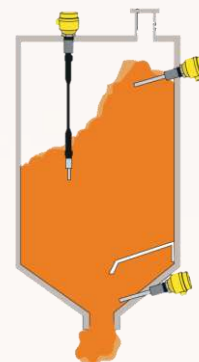
Solid Application



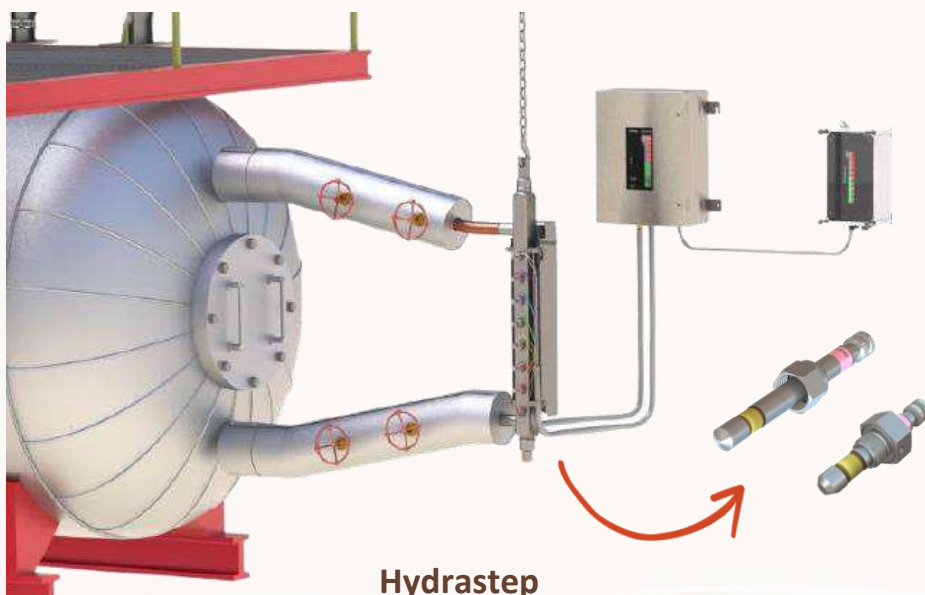
Vibrating Switch



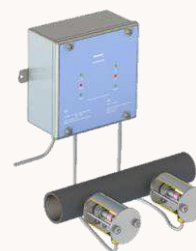
Paddle Switch



Water & Steam



**Hydrastep
Conductivity Probe**



Hydrastect

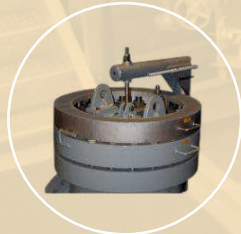


**Boiler Water
Level**



**BARTON
FIRTOP**
ENGINEERING CO. LTD

Basket Filter



Bolt Cover
Safety Closure

Bolt Cover Basket Filter

Basket Strainers



Quick Release



Bolt cover

Conical Strainers



Bath Tub Strainer



Conical Strainer

Duplex Strainers



Firplex Strainer



Bi Simple Strainer

Fabricated Strainers



Stainless steel



High Pressure Design



Y-Type Butt Weld



Y-Type Conical

Filter Separators



Horizontal



Demister Pad

Safety Valves



30000



30000 P



20000



10000



4000



SV 10001



SV 5001

Safety Valve Specification

SERIES	CONNECTIONS	MAX SET P	MATERIALS	APPLICATIONS
SV 10001	1/4" x 1/4"	700 bar	SS & SP	GAS & LIQUID
SV 5001	1/2" x 1/2"	330 bar	SS & SP	GAS & LIQUID
10000	1/2" x 1" to 2" x 2 1/2"	412 bar	CS, SS, SP	GAS & LIQUID
4000	1/2" x 1/2" to 2" x 2"	412 bar	SS, PL, SP	LIQUID
20000	1/2", 3/4", 1" x 1"	1500 bar	CS, SS, SP	GAS & LIQUID
30000	API 526	412 bar	CS, SS, SP	GAS & LIQUID
30P	API 526	412 bar	CS, SS, SP	GAS & LIQUID

CS Carbon steel; SS Stainless steel; PL Plastic; SP special alloys

Control Devices



Change Over



Control Valve



Pneumatic Pressure Switch



Velocity Check Valve



3 Way Servo Valve



Pneumatic Level Sensor

Temperature Sensors



Threaded and Flanged



Weldable



Neck Pipe & Sensing Element



Neck Pipe & Thermowell



Thermocouple



Indoor / Outdoor Resistance



Multi Point



Mineral Insulated



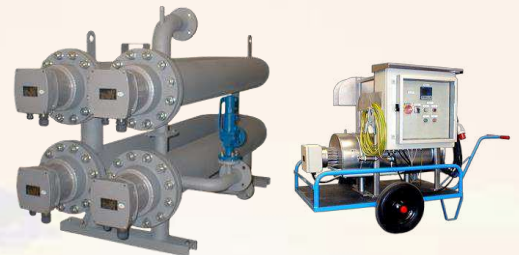
Acid Proof & Hygienic Design

Explosion Proof Design





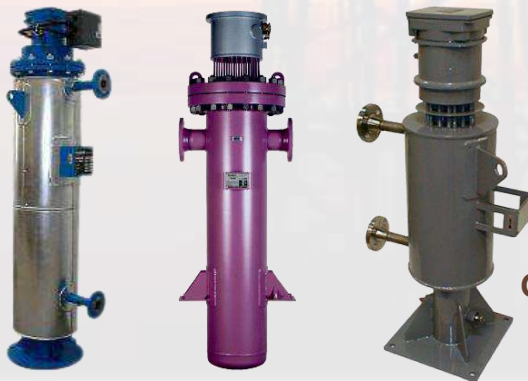
Ex- Immersion Heaters
Fluid, Air, Gas and Compact Body



PED, ASME code, other international standards.



Ex- Flow Heaters
Skid & Portable Design



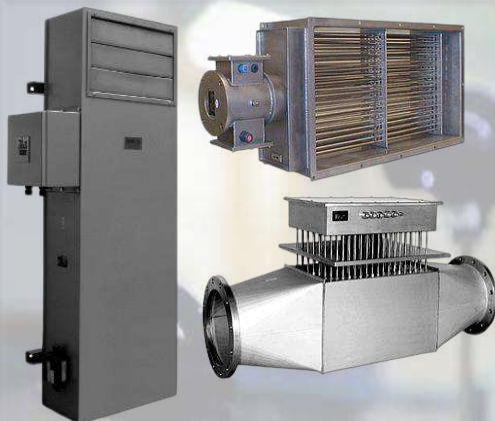
**Gas Preheaters
& Vaporizers**



**Onshore and Offshore
Control Cabinets**



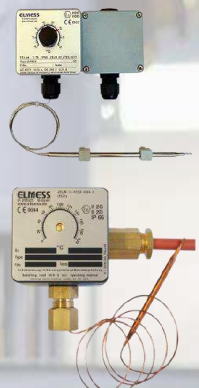
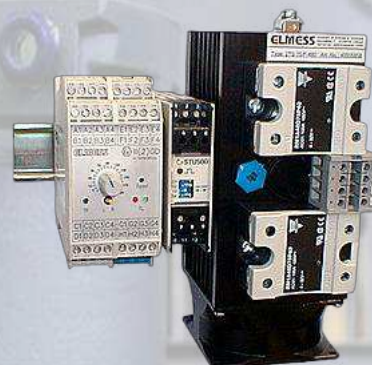
Ex-Cartridge Heaters



Ex-Air and Blower Heaters



ATEX Thermal Cut-Out



Monitoring Devices

MAX MÜLLER AG



Hazardous Light Fittings



Fibre-optic Lightpipe Light Fittings



Explosion Proof Camera System



Built-in Wiper



Built-in Heating Element



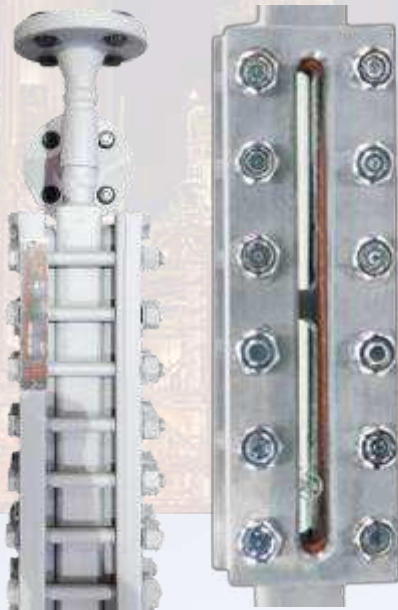
Sight Glasses
Threaded & Flanged



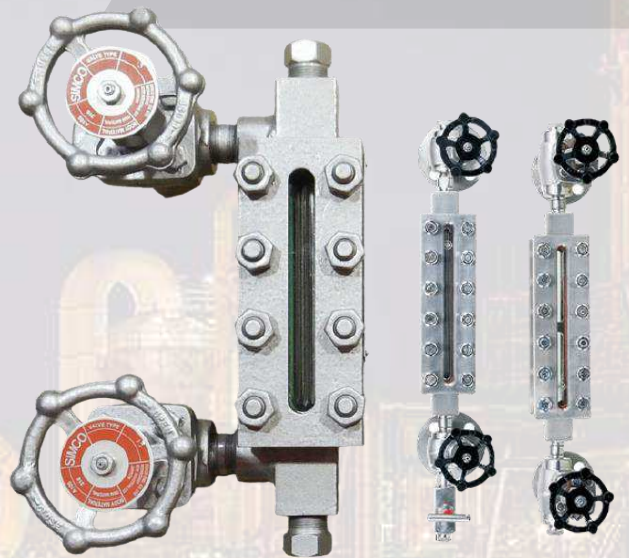
Light Fitting



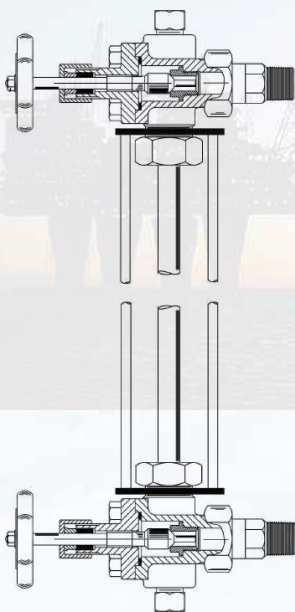
Sight Flow Indicators



Transparent Liquid Level Gauge



Reflex Liquid Level Gauge



Tubular Liquid Level Gauge



Magnetic Level Gauge



Isolation Valves

Spare Parts



Indicator Rails



Reflex & Transparent Glass



Gaskets



KELL F Glass Shields



Mica Glass Shields

Heater



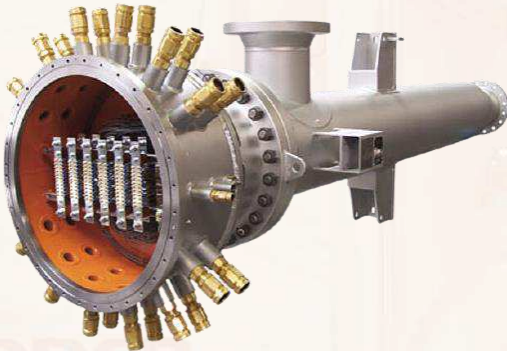
Hot water Boiler



Steam Superheaters



Power to Heat



Process Heater



Cable Type Heater



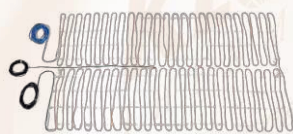
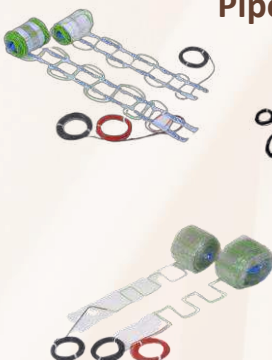
Electric Boiler

Heat Tracing System



Tank Heating System

Pipe Trace Heating System



Surface Heating

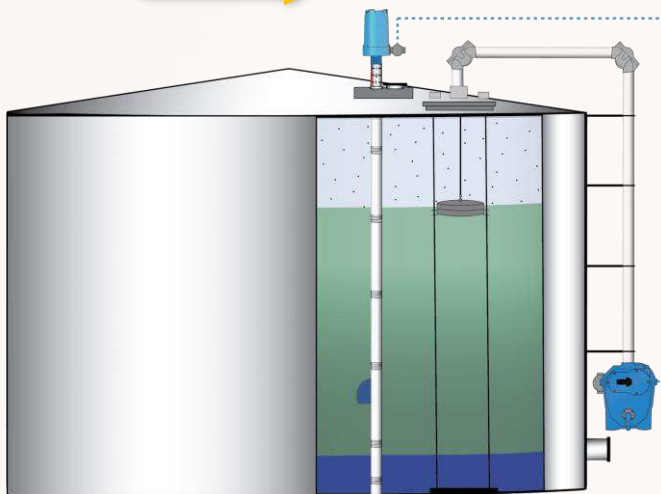


Monitoring and Control cabinet





Mechanical Tank Gauge & Transmitters



1570 CIM



Theory of Operation



2200 Limit Switches



2500 Magnetic Tank Gauge





ISO 9001
REGISTERED

Golden Mountain Enterprise Co., Ltd.

Flow System



Mass Flow Meter



Tube Flow Meter



Sight Glass



Orifice Plate

Level System



Reflex/Transparent



Magnetic



Displacer

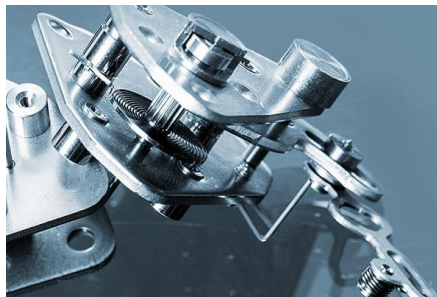


Pressure/Vacuum
Switch



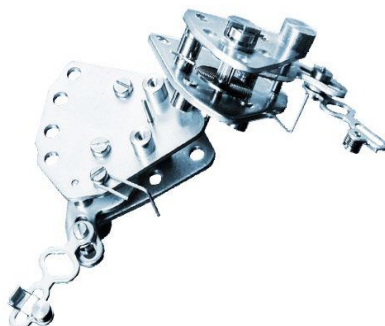
Pressure Transducer

Pressure System



Major advantages of MANODAMP®

- ✓ easy maintenance work on gauges
- ✓ no leakage problems with gauge fillings
- ✓ easy change of movement in case of failures
- ✓ longer service life of gauges in rough environment



PROJECT REFERENCE

F.Y.	Client Name	Project Name
AUG 2022	Phoenix Pulp and Paper (Public) Co., Ltd.	Aquarian High Pressure Conductivity Probe / FOSSIL
AUG 2022	Winnergy Corporation Co., Ltd.	CNG Replacement SAFETY VALVE / TECHNICAL
AUG 2022	Absolute Clean Engineering and Service Co., Ltd.	ACES-DM Replacement Level Gauge / FOSSIL
JUY 2022	Glow Energy Co., Ltd.	Replacement Thermocouple Sensing Element / SKS-EPIC
JUY 2022	QAPCO QATAR PETROCHEMICAL LTD.	EPCC OF DUAL HEAT RECOVERY STEAM GENERATOR PROJECT By TTCL
MAY 2022	PTT Global Chemical Public Company Limited	Ex-Flanged Heater / ELMESS
MAR 2022	Glow Energy Public Co., Ltd	Thermocouples and Thermowell / SKS-EPIC
MAR 2022	Mitsubishi Power Ltd.	Storage tank-HIN KONG Project by Best Tech & Engineering Ltd.
MAR 2022	VERASUWAN Co., Ltd.	REFLEX TYPE LEVEL GAUGE / NEW FLOW
DEC 2021	Ratchaburi Electricity Generating Co., Ltd.	High Pressure Probe for HRSG1B / FOSSIL
DEC 2021	Thai Petroleum Pipeline Company Limited.	Level measurement for new storage tank / DELTA MOBREY by PKCS
NOV 2021	EGAT North Bangkok Power Plant	Washer HRSG / FOSSIL
NOV 2021	Siam Kraft Industry Co., Ltd (Ban Pong)	FPS Upgrade Double Mica Rebuild Port Kit / FOSSIL
NOV 2021	Phoenix Pulp and Paper (Public) Co., Ltd	Aquarian High Pressure Conductivity Probe / FOSSIL
OCT 2021	EGAT Wang Noi Power Plant	Probe with 2 Gaskets for HRSG 42 LP Drum / FOSSIL
OCT 2021	Thai Petroleum Pipeline Company Limited.	Pressure Difference Switch / DELTA MOBREY By Solution System
SEP 2021	IRPC Public Company Limited.	Level gauge drum boiler Unit 02,03 / FOSSIL
SEP 2021	Korach Industry Company Limited	FPS Upgrade Double Mica Rebuild Port Kit for Boiler 04 and 05
AUG 2021	Bangkok Cogeneration Co., Ltd.	BCC2 Combine Cycle Power Plant Project / FOSSIL By Getabec
AUG 2021	PTT Global Chemical Public Company Limited	ELECTRODE ASSY LOW PRESSURE, ZIRCONIA / DELTA MOBREY
JUL 2021	EGAT North Bangkok Power Plant	Overhaul Kits level Gauge HP/IP of NBCC2 / FOSSIL
MAY 2021	EGAT NAMPONG POWER PLANT	Electronics level indication for HP drum / FOSSIL
APR 2021	Glow Energy Public Co., Ltd	Thermocouple Sensing Element / SKS-EPIC
MAR 2021	Mitsubishi Power Ltd.	New Project for GPD Tanks Project by Best Tech & Engineering Ltd.
MAR 2021	Ratchaburi Electricity Generating Co., Ltd.	Probe column to replace SN 983-041_HRSG 1-1 HP Drum / FOSSIL
JAN 2021	IRPC Clean Power Company Limited	Spare part for HP Drum Boiler SN 143-045,046,047,048 / FOSSIL

PROJECT REFERENCE



EGAT Nompong Power Plant Project



Annual inspection & calibrate at site Project



Check and loop test conductivity probe For HP/LP drum (HRSG52) Project



N2 Blanketing Installation at TK-1922 and TK-1923 Project



High Pressure Indicator GSPP2/3 Project



Gulf Hin Kong Power Plant Project



Fuel gas heater Controller OCS3 Project



AUTHORIZATION



COMPANY HISTORY



SERVICE

Tank Protection Devices



Testing / Calibration Onsite and Rayong workshop

Installation / Consultancy Design referenced API2000

Overhaul and Troubleshooting



Level



Installation

Maintenance

Glass Replacement



Ex Electric Heater



Design Heater for Ex Proof

FAT/SAT Commissioning

Troubleshooting

Heater Training

Installation





AURORA WORKS Co., LTD.

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