



**The Flow Control Specialist**

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## VALVES

- Pressure Safety Valves
- Control Valves
- Manual Valves
- On/Off Valves
- Specialist Capabilities

## ROTATING EQUIPMENT

- Centrifugal Pumps
- Positive Displacement pumps
- Agitator/Mixers
- Chemical injection system/Skid

## INSTRUMENTS

- Flow meters
- Level Switches/  
Transmitters
- Electro-pneumatic &  
Digital Positioners
- Moisture & Gas  
Analyzers

**Exion Asia Pte Ltd** is a flow control solutions provider under the Pon Asia group. We are an authorised agent/distributor of several reputable product brands, actively serving the local Oil & Gas refineries, marine, petrochemical, power plants and general industries. Exion Asia is also a leader in repair for (a) Valves (b) Rotating equipment and (c) Instruments.

Not only is Exion Asia a Green Tag Consolidated Centre (GTC) and a Masoneilan Authorised Repair Centre (MARC), we are a certified ASME UV (Unfired Vessels) and ASME VR (Valve Repair) facility. This facility allows for assembly of safety and control valves; provide valve data management services and regional commissioning services, enabling us to strengthen our offers to the market for all types and brands of valves.

Exion Asia is also an authorised repair centre for Sundyne and SPX group of rotating equipment. We are widely recognised as specialists in our represented products and have the full set of capabilities in skill and equipment to perform a full overhaul or conduct an on-site servicing.

Exion Asia has an instrument lab to calibrate Moisture and Gas analyzers. We also have expertise to provide servicing and recalibration of flow meters, on-site commissioning and troubleshooting. Together with our subsidiaries, business partners and associate companies in Malaysia, Thailand, Vietnam and China, Exion Asia aims to expand and develop its network of resources and strategic alliances to meet the growing demand of the regional economies.

Now what can we do for you?

## Valve & Actuators

Exion Asia is the regional authorized agent for Masoneilan & Consolidated safety, control and on/off valves and other related equipment by GE. We are also the distributors of



**Distributor**  
Consolidated Products

Distributor of GE Consolidated Safety Valves

- Spring Actuated PRV (Conventional and Bellow)
- Pilot Operated PRV



**Distributor**  
Masoneilan Products

Distributor of GE Masoneilan Control Valves

- Globe and Rotary Control Valves
- Severe Service Valves
- Pneumatic Actuators,
- Instrumentation and regulators



Distributor of EBRO Armaturen

- Butterfly Valves
- Pneumatic & Electric Actuators
- Knife Gate Valves



Distributor of ARI Armaturen

- Control Valves
- Safety Valves
- Process Valves
- Steam Traps
- Thermal Oil Valves



Distributor of KF

- Gate Valves
- Globe Valves
- Check Valves
- Ball Valves



Distributor of UNICOM

- High performance butterfly valves

# Safety Valves

- Servicing, overhaul, and testing of Safety Valves under full API 527 standards (section VIII and Section I Safety Valve)
- On site Hydrosetting and “live float” tests during commissioning and statutory Boiler Servicing
- Pressure Vacuum Valve Service, Overhaul and testing
- Electronic Valve testing – In-situ testing and setting of Safety Valves “live on line”
- ValvFast program – for quick assemblies and deliveries
- Maintenance Database services under ValvKeep.  
The monitoring of valve performance and maintenance contributing to Predictive Maintenance.
- ASME UV and VR Certified facility of National Board of Boilers & Pressure Vessel Inspectors, U.S.A
- Full sizing, application engineering and supply of Safety Valve from stock & production
- On Board valve repair capabilities for FPSOs, Production Platforms using contained workshop modules
- Electronic Valve Testing (EVT) to test key safety/pressure relief valves in service



# Control Valves

- Stockist and Service contractor for GE Masoneilan Control Valves
- Specialist Control Valve Servicing Company for all makes/brands – servicing, overhaul, supply of spare parts, testing and calibration
- Test standards used :  
ANSI B16.104/VDI/VDE 2174  
(Seat leak & Bubble test/ API 598/6D)
- Overhaul, testing and commissioning of Level Instruments
- Supply of Diagnostic Instruments
- Full Diagnostics monitoring and testing services
- ValvFast program – for quick assemblies and deliveries





# Manual Valves

- Wide range of valves
  - Gate valves , globe valves , bellow seal globe valves, check valves
  - Ball valves, butterfly valves
  - Knife gate valves
  - High pressure forged steel valves
  - Plug valves
- Marine class cert available eg: ABS, DNV, Lloyds register
- Sizes range from as small as DN 15 to as large as DN 3600
- Capable to incorporate with actuator for on-off valve
- Capability of servicing valves up to 42"
- Testing standards of API 598 and API 6 D
- Full Seat and Body Tests for valves up to 14" x 2500 lb Class.
- Both Hydrostatic and Gas Tests capabilities with full safety barrier considerations and viewing of Tests via Video camera witnessing available
- In situ repair of high pressure welded On/Off valves on line



# Rotating Equipment

Exion Asia has the capabilities to service, repair or even perform a complete overhaul of our represented rotating equipment. All new or serviced products are tested to OEM, Industrial standards or clients' requirements before delivery.

## > Bran+ Luebbe®

Distributor of Bran & Luebbe

- Diaphragm Pumps
- Blending Process Systems
- Positive Displacement Pumps



Double-Acting Diaphragm Pump



Series 10 Mixer

## > Plenty®

Distributor of Plenty Pump

- Plenty Mirrless Rotary Positive Displacement Pump

Distributor of Plenty Mixer

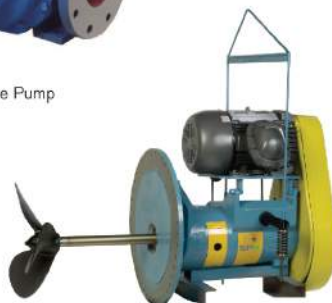
- Agitator for general Oil & Gas and petrochemical industry

## > Lightnin®

Distributor of Lightnin Mixer



Vane Pump



Fixed Angle Heavy-Duty Belt Driven Mixer



- Capable of providing servicing/maintenance for all represented OEM rotating equipment
- Highest quality service provided through standardization of job and inspection procedures which conform to OEM Factory & API industry standards.



Distributor of Sundyne

- API High Speed Vertical In-line High Pressure Centrifugal Pumps, Centrifugal, Compressors. Sunflow Horizontal High Pressure Centrifugal Pumps



Distributor of Marelli

- API Process pumps



Distributor of HMD Kontro

- Sealless Magnetic Driven Pumps. API 685 / ISO standard design



# Instruments

We possess the engineering expertise to service and recalibrate instruments:

- Servicing, recalibration of flow meters, flow validation
- Onsite Start-up and Commissioning, Troubleshooting
- Servicing & verification of analysers



Distributor of Magnetrol

- Level Switches, Level Transmitter (Radar, Guided-Wave Radar, Displacer, Ultrasonic, Capacitance), Thermal Dispersion Flow Switches



Distributor of Orion Instruments

- Magnetic Level indicators





GE  
Measurement & Control

Distributor of GE

- Flow meters,
- Gas and Moisture analysers

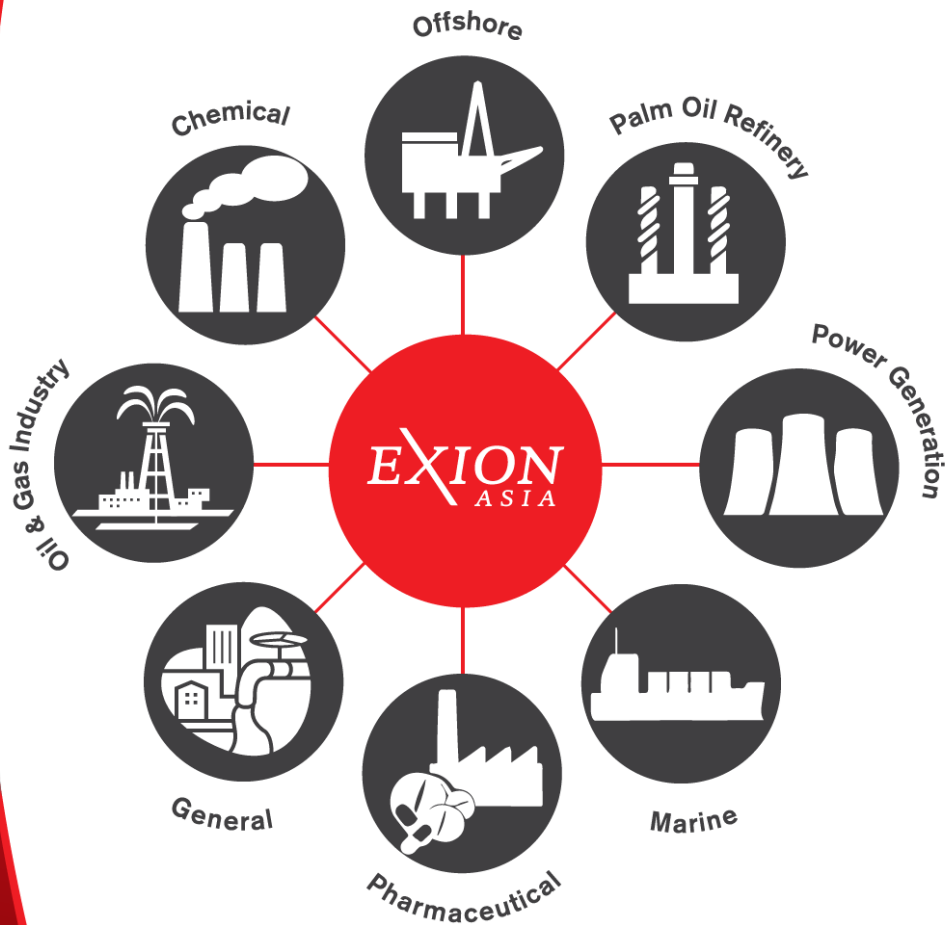


**FLOWERVE**

Distributor of Flowserve PMV Pneumatic/  
Electropneumatic/Digital Positioners,  
Feedback Units, Limit Switches



## Markets Served



## Some of our Clients

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**JACOBS**<sup>TM</sup>

**ExxonMobil**



**NESTE OIL**



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## China

### OSA (HuiZhou) Valve Services Pte Ltd

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**EXION**  
ASIA