

Bliss Flow Systems



Product Presentation



Supply, Installation and Commissioning of Engineering Products

- Oil & Gas
 - Marine
 - Chemical
 - Petrochemical
 - Power Plant
 - Aerospace
 - Food and Pharmaceutical
 - Water & Wastewater
- India, UAE, Singapore and Malaysia.



Principals

- General Instruments
- Fati
- Elmac Technologies
- FDC
- Woosung
- Rotex Automation
- Magwen Valves
- Taylor Valves
- Nirmal Industries
- REPCo S.R.L
- Kinam
- Thermax
- HP Valves
- Rufouz Hitek
- TWT
- Bluewave
- Measuring Instruments
- Electric Heater
- Flame Arrester
- Rupture Disc
- Strainers
- SOV, Positioner, EH Actuator
- High Performance Special Valves
- Safety Relief Valve
- Pressure Regulator
- Process & Utility Packages
- Heat Exchanger
- Boilers, Steam Trap
- Tubes and Fittings
- Mass Separation System
- Dampers
- Battery Management System
- India
- Italy, India
- UK
- South Korea
- South Korea
- India
- India
- USA
- India
- Italy, India
- India
- India
- India
- India
- China
- Singapore

Brand Approvals



Latest Awarded Projects

Customer	Enduser	Project Name	Products Sold
WS Engineering & Fabrication Pte Ltd	Yinson Production EPC Pte Ltd, Enauta	Atlanta Definitive System FPSO	Y and Conical Strainers
Ovivo Singapore Pte Ltd	PT Chiyoda International Indonesia	Manyar Smeltar Project, Filtered Water and Demineralization Unit	Y and Basket Strainers
KSB Asia Pacific Pte Ltd	Yinson Production EPC Pte Ltd, Enauta	Atlanta Definitive System FPSO	Manual Valves
PT JGC Indonesia	PT Pertamina	Pembangunan Aviation Fuel Hydrant System	Pressure Safety Valve
CTCI, India	Continental Carbon Eco Technology	CCET 150KTA Carbon Black Project	Orifice Plates
Advanced Sensors	Petrobras, Brazil	Buzios Field Area Development, Saipem P79 FPSO	Sampling Quill
Tialoc Singapore Pte Ltd	Eco Special Waste Management Pte Ltd	Eco Super Waste Management Project	Manual Dampers
Wilmax Control Systems Pte Ltd	Saipem S P A, Qatar Gas	Northfield Production Sustainability Project	Rupture Discs - 68pcs
Sanli M&E Engineering Pte Ltd	PUB Singapore	TWRP C4A Biogas Plant	Flame Arrester
Siemens Energy	Santos NA Barossa Pty Ltd	Barossa FPSO	Y and Basket Strainers
BW Offshore EPC FZCO	Santos NA Barossa Pty Ltd	Barossa FPSO	Orifice Plate Assy, Restriction Orifice and Venturi.
KSB Asia Pacific Pte Ltd	Sofia Offshore Windform	Sofia Offshore Converter Platform	SDNR Valve, Breather Valve
WS Engineering & Fabrication Pte Ltd	PTTEP Energy Development Company Ltd	Bundled Phases 3 Development Project, Gas Compressor Package	Breather Vent

General Instruments

- Pressure, Temp, Level Gauge
- Pressure, Temp, Level Transmitter
- Thermocouple & RTD
- Thermowell
- Orifice Plate Assembly
- Restriction Orifice
- Flushing Ring
- Venturi Meter
- Flow Nozzle
- Pitot Tube
- Instrument Valves & Fittings
- Instrument Cables



Fati Heaters

- Electric Heaters
- Electric Heat Exchangers
- Electric Batteries
- Electric Heating Elements
- Duct Heaters
- Cartridge Heaters
- ATEX Certified
- Heating Cables
- Electric Control Panel
- Pressure Vessel



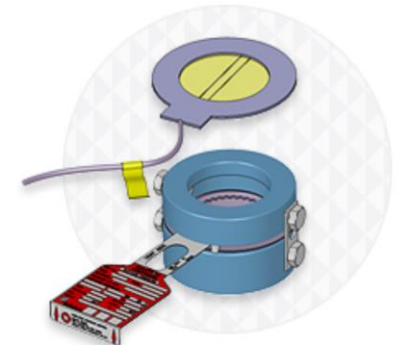
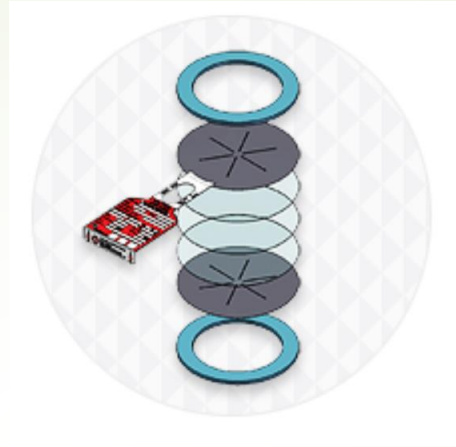
Elmac Technologies

- Flame Arrester
- Deflagration & Detonation
- Inline & End of Line
- Pressure Vacuum Relief Valve
- Breather Valve
- Emergency Relief Vent
- Gauge Hatch
- Free Vent



FDC

- Rupture Disc
- Reverse, Forward and Composite Types
- Double Acting Types
- Burst Sensor
- Explosion Panel
- N2 Blanketing System
- Emergency Relief Hatch



- GAS II 2G EX ib IIC T6 Gb
- GUST II 2D EX ib IIIC T/35°C D6

Woosung Flowtec

- Strainer
- Y, T Strainer
- Temp or Conical Strainer
- Basket Strainer
- Simplex & Duplex Strainer
- Mud Box



Rotex Automation

- Solenoid Valve (SIL3, ATEX)
- Redundant Solenoid Valve
- Auto Drain Solenoid Valve
- High Pressure Solenoid Valve
- 2 way, 3 way and 5 way
- SIL3, ATEX Certified
- Angle Seat Valve
- Pulse Jet Valve
- Smart Positioner
- Scotch & Yoke Actuator
- Electro Hydraulic Actuator
- Position Transmitter



Magwen Valves

- Non-Slam Nozzle Check Valve
- Tri Eccentric Butterfly Valve
- Plunger Valve
- Control Valve – Plunger Type
- Ball, Butterfly and Check Valves
- Quick Closing Valve
- Pressure Regulator



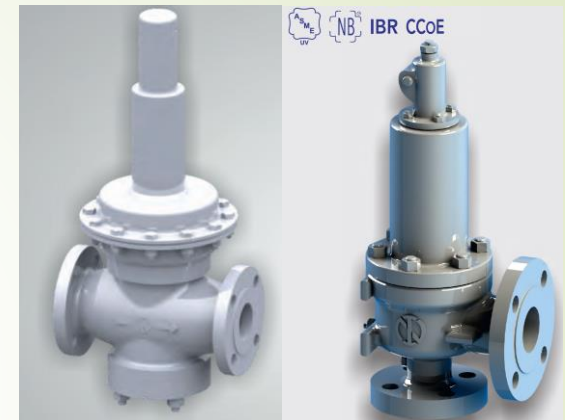
Taylor Valve, Rupture Pin

- Pressure Relief Valve
- Vapour Relief Valve
- Pilot Operated Relief Valve
- Choke Valve
- Rupture Pin Valve



Nirmal Industries

- Gas Pressure Regulator (Upstream & Downstream)
- Tank Blanketing Solutions
- Safety Relief Valve
- Hydrogen Pressure Regulation System
- High Pressure Reducing Stations for Nitrogen, Carbon dioxide, Oxygen, Argon, Ammonia, Chlorine and other gases.
- Gas Conditioning Skid
- Heating Skid
- Dry Gas Filter System



REPCo S.R.L

- Gas Dehydration Units
- Acid Gas Removal Units
- Fuel Gas Treatment, Compression and Metering Units
- Mercury & H₂S Removal Units
- Liquid Hydrocarbon Treatment Units
- Solid Bed Desiccant – Heatless Air Dryers
- Gas Separation Units
- 2ph, 3ph Separators
- Gas & Liquid Separator
- Cyclone Separator
- Dry Gas Filter
- Vane Type Separator



Kinam

- Shell and Tube Heat Exchanger
- Corrugated Tube Heat Exchanger
- Heat Exchanger in Exotic Materials
- Hair Pin Heat Exchanger (Removable Type)
- Evaporator
- Condenser



Thermax Global Boilers

- Steam Boiler (Oil, Gas Solid Fuels)
- Thermic Fluid Heater
- Hot Water Heater
- Hot Air Heater
- Waste Heat Recovery Boiler
- Waste Heat Recovery from Exhaust Gases
- Energy Plant



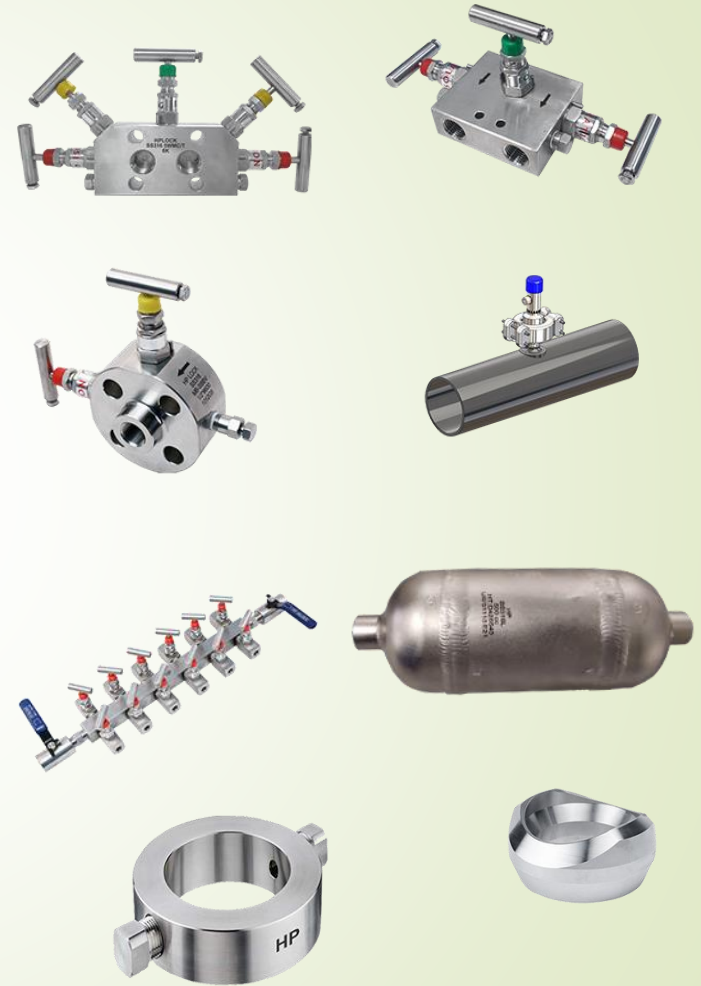
Thermax Global Steam & Condensate

- Steam Trap
- Thermostatic & Thermodynamic
- Inverted Bucket Type
- Bi-Metallic Type
- Piston Valve
- Air Vent, Air Eliminator
- Moisture Separator
- Condensate Recovery Pump
- Steam Trap Management
- Steam Audit
- Steam Consultancy
- Steam Training



HP Valves & Fittings

- Instrument Valves & Fittings
- Manifolds, Monoflanges
- DBB Valves
- High Pressure Needle Valves
- Panel Mounting Ball Valves
- Injection & Sampling Quill
- Condensate Pot, Sampling Pot
- Distribution Header
- Flushing Ring
- Thredolet, Weldolet
- Quick Release Couplings
- Sealant Injection Grease Fittings



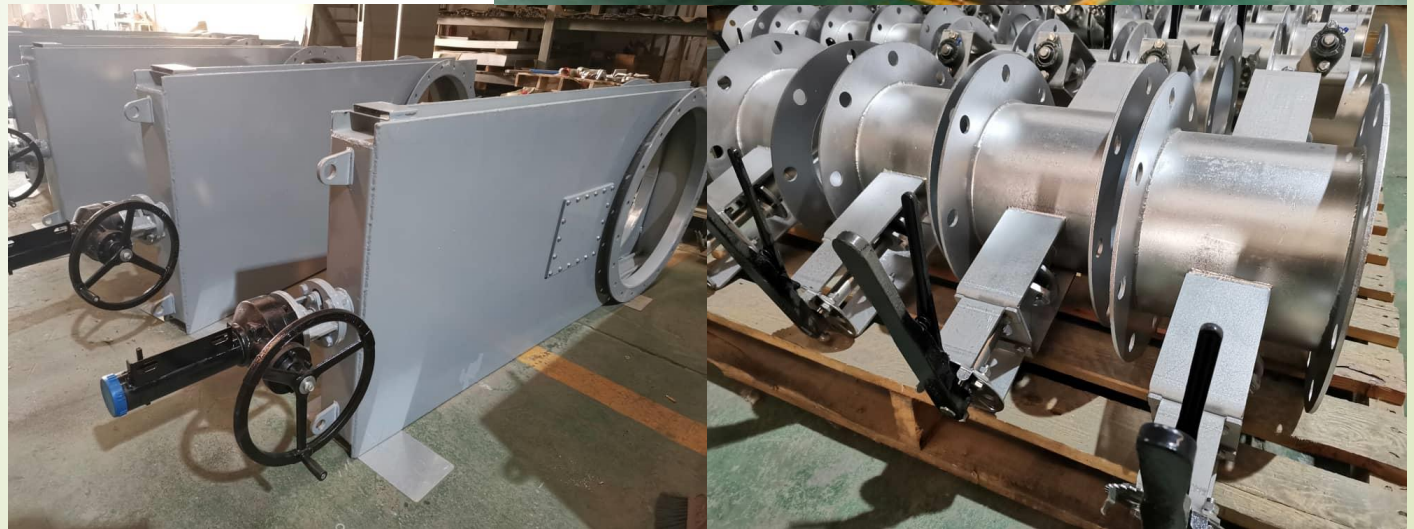
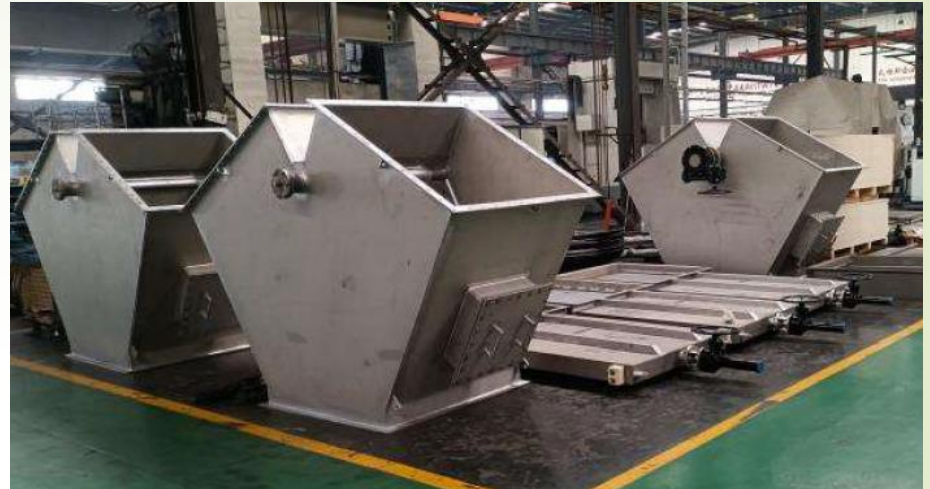
Rufouz Hitek Engineers

- Inline Static Mixer
- Inline Reactor
- Mist Eliminator
- Structured Packings
- Absorption System
- Extraction System
- Dryer
- Evaporator
- Lube Oil Refining System
- Solvent Extraction System



TWT

- Gate & Butterfly Dampers
- Manual & Automated
- Diverter Damper



Bluwave

- Battery Monitoring System
- Senscell



Key features:

1. **Accurate Real-Time Data:** Our advanced monitoring technology provides precise information on battery voltage, current, temperature, and impedance to make informed decisions regarding battery maintenance and replacement.
2. **Early Warning Indication:** Easily visualise battery abnormalities long before catastrophic failures that happen all-too-often in unmanned battery rooms. By analysing and predicting potential issues before they occur, you can take proactive measures to prevent downtime and mitigate risks.
3. **Remote Monitoring and Notifications:** Our systems offer several connectivity capabilities, allowing you to access critical battery information including MODBUS, OPC UA, CANBUS and many other industrial protocols.
4. **Seamless Integration:** Integrate seamlessly with your existing UPS infrastructure, regardless of the brand or model. They can be retrofitted to older brownfield installations with limited service disruptions.
5. **Customized Reporting and Analytics:** We provide comprehensive reports of your battery fleet's performance over time. These insights enable you to optimize maintenance schedules, plan for replacements, and demonstrate compliance with regulatory requirements if required.

Expansion Joints

- Metallic Expansion Joint
- Rubber Expansion Joint
- PTFE Expansion Joint
- Flexible Hose and Coupling



Tubes, Pipes, Flanges, Fittings

- Tubes, Pipes, Bar and Rod
- Pipe Fittings
- Tube Sheet, Baffle Plate, Support Plate
- Plate for Pressure Vessel
- Dish Head
- Strip & Coil Sheets, Metal Wires.
- Flanges

Materials Available

- Carbon Steel, Alloy Steel, Stainless Steel, Duplex, Super Duplex, Incoloy, Hastelloy, Nickel Alloy, Copper, Copper Alloy.



Installation & Commissioning

We undertake Mechanical, Electrical and Instrumentation EPC Services as well.

Process Automation

- Detail Engineering of I&C and HMI Design
- Control Panel Design, Wiring & Installation
- Control Centre Equipment Installation
- PLC Programming
- Transmitter, Instrument, Analyser Installation
- Loop Checking Cold / Hot
- Pneumatic Impulse Lines, Air Line Installation

Other Services

- Fabrication Services based on your drawing
- Installation & Commissioning of all Mechanical Equipment's like Valves, Dampers, Pumps and Boilers.
- Servicing, Testing and Maintenance.
- Heat Detection System

Electrical Services

- Low Tension (LT) Power Distribution, Cable Laying and Termination
- Lighting and Small Power
- Emergency Backup Power supply
- Lightening Protection and Earthing
- Photovoltaic (Solar) System

Fire Alarm & Detection

- Fire & Gas Detection System
- UV / IR Detection System
- Video Smoke Detection System
- Linear

Few Installations

Process Automation



Electrical Services



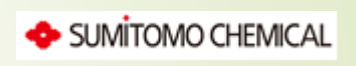
Other Services



Fire Alarm & Detection



Clients





Contact Us

➤ **India**

Tel : +91 44 27175000 / 5010

Email : INsales@blissflowsystems.com

➤ **UAE**

Tel : +971 4 2267990

Email : AEsales@blissflowsystems.com

➤ **Singapore**

Tel : +65 67176640 / 44

Email : SGsales@blissflowsystems.com

➤ **Malaysia**

Tel : +60 3 58703580 / 3590

Email : MYsales@blissflowsystems.com

www.blissflowsystems.com