Self-contained pressure control equipment is an often overlooked asset, and if specified incorrectly, could contribute to reduced production. It is important to understand how overlooking these important pressure control solutions can decrease production and increase your total cost of ownership.

Improve Production and Profitability
Emerson fuel gas conditioning systems provide clean, low moisture fuel at ideal temperatures and pressures and ensure higher efficiency and reduced fuel costs.

Turbomachinery Reliability
Conditioned fuel gas reduces turbine blade corrosion/erosion while highly reliable pressure control solutions ensure proper oil lubrication and gas sealing.

Remote Monitoring
Remotely monitoring the health of your pressure control equipment allows you to detect an abnormal situation before it escalates and damages your critical assets. It also helps you to optimize your planned and unplanned maintenance.

Partnership and Innovation
Being a supplier of first choice, we partner with End users, EPC’s and OEM’s to provide the best possible solutions for each discrete application. Product innovation is at our core and we strive to be a leader in our field.

Complete Pressure Control Solutions
One single supplier for pressure control solutions for downstream instrument air, nitrogen, fuel gas, water and steam systems can reduce supply chain complexity.

Meet Environmental Regulations
Emerson fuel gas solutions reduce emissions and noise to meet strict regulations. High accuracy tank blanketing regulators reduce emissions from storage tanks.

Power Plant Pressure Control Solutions
The complete self-actuated pressure control solution that helps reduce costs, unscheduled shut-downs, improves critical asset reliability and remote condition monitoring.
**Steam Turbine Lube Oil / Seal Oil / Seal Gas**
- Machinery lubrication oil pressure
- Oil system overpressure protection
- Sealing system pressure control
- Seal differential pressure supply
- Seal vent backpressure regulator

**Instrument and Utility Air**
- Instrument control air panel
- Air compressors
- Oil reservoir and filter
- Air dryers
- Instrument air distribution

**Utility Systems - Firewater**
- Firewater pump utility air
- Nitrogen bottle to water mist
- Nitrogen generator to flare
- Ignition panel
- Fire suppression system
- Compressed air foam

**Fuel Tank Blanketing**
- Ammonia unloading
- Liquid Fill

**Ammonia Storage**
- Ammonia unloading
- Liquid Fill

**Storage Tanks**
- Type 99
- Type 627
- Type 1098
- Type CS400
- Type EZH
- Type FL
- Type T205
- Type Y600A
- Type Cronos
- Type BM6

**Heat Recovery Steam Generator**
- Type M series
- Type 44-1100 Series
- Type 44-3400 Series
- Type 44-4600 Series
- Type 44-4200 Series
- Type 44-5800 Series

**High Pressure Analytics**
- Cooling water PH analysis
- Fuel gas calorific value analysis
- Exhaust emissions analysis

**Fire Gas Conditioning**
- Knock Out Drum / Scrubber
- Filter Separator / Coalescer
- Heater
- Pressure Regulating Station
- Custody Transfer Meter
- Noise abatement

**Auxiliary Steam**
- Water Feed
- Steam Service
- Compressed Air Control

**Gas Compression**
- Fuel gas header
- Fuel gas supply
- Nitrogen filters to compressor
- Lubrication oil pressure
- Sealing system pressure control

**Fuel Gas Control**
- Pressure step down
- Silencer

**Control Room Remote Monitoring**
- MR105
- MR108
- MR95
- MR98
- 627
- 1098-ECR
- 4220 Position Monitor
- LR125
- MR95H
- MR105
- 67D
- 928
- 925

**Machinery**
- Type 1190
- Type Y692
- Type 99
- Type CS400
- Type FL
- Type 92B
- Type LR125
- Type OSE
- Type 67C
- Type EZH
- Type 1290
- Type MR105
- Type MR108
- Type 1098
- Type 63EG
- Type 310A
- Type 627
- Type MR98
- Type MR95
- Type 63EG-98HM
- T200 Series
- ACE Series
- 44-1100 Series
- 44-3400 Series
- 44-4600 Series
- 44-4200 Series
- 44-5800 Series

**Safety Systems**
- Flame Arrestors
- Pressure Vacuum Relief
- Vapor Recovery
- Emergency Venting

**Instrument Air Distribution**
- MR95
- MR98
- 63EG
- 627
- 1098
- 44-1300
- 44-4000
- Flame Arrestor
Learn more at [www.emerson.com](http://www.emerson.com).