

---

# GILSON ENGINEERING

## NATURAL GAS INDUSTRY GUIDE

---



### Instrumentation and control products for Gas Production & Transmission Companies

#### **PITTSBURGH, PA**

535 Rochester Road  
Pittsburgh, PA 15237-1747  
p (412) 369-0100  
f (412) 366-1728

#### **COLUMBUS, OH**

2697 Sawbury Blvd  
Columbus, OH 43235  
p (614) 889-2150  
f (614) 889-6038

#### **CLEVELAND, OH**

2776 Berkshire Road  
Cleveland Hghts, OH 44106  
p (440) 543-0300  
f (440) 543-1230

#### **CINCINNATI, OH**

7044 Moorfield Dr  
Cincinnati, OH 45230  
p 800-860-4499  
f (412) 348-3042

#### **CHARLESTON, WV**

3501 MacCorkle Ave SE #143  
Charleston, WV 25302  
p (304) 342-0012  
f (304) 342-0085

#### **TOLEDO, OH**

26953 Mingo Drive  
Perrysburg, OH 43551  
p (419) 874-1178  
f (419) 874-5333

#### **ORLANDO, FL**

144 Harston Ct  
Heathrow, FL 32746  
p (407) 444-0334  
f (407) 444-0335

#### **TAMPA, FL**

12321 Gilmerton Mist Ln  
Riverview, FL 33579  
p 800-860-4499  
f (407) 444-0335

[www.gilsoneng.com](http://www.gilsoneng.com)



# Compressor Station

**Compressor Controls: Siemens**  
**Knock Out Pot Levels: Siemens, FCI**  
**Compressor Pocket Valve Feedback: Turck**  
**Vibration Monitoring: Hardy Instruments**  
**Gas, Fire and Flame Detection: MSA**  
**Lube Oil Temperature: Moore Industries**  
**Lube Oil Pressure: Siemens**  
**Lube Oil Flow: FCI, UFM**  
**Engine Panel:**

**Pressure Switches:** ITT Neo-Dyn  
**Temperature Transmitters:** Moore Industries  
**Thermocouples & RTD's:** SSI  
**Indicating Meters:** Precision Digital  
**Remote I/O & IS Barriers:** Turck  
**Surge Suppressors:** Emerson/EDCO  
**Safety/Alarm Trips:** Moore Industries  
**Rotation (Frequency) Monitors:** Al-Tek (Airpax), Moore Industries  
**Pressure Gauges:** Dwyer



# Storage Vessels

**Tank Level (fuel, slop oil, drip fluids, methanol, glycol, etc):**  
**Radar:** Siemens  
**Magnetostrictive:** Turck  
**RF Capacitance:** Siemens  
**Floats:** ProMag  
**High Level or Spill protection: Siemens**  
**Remote I/O: Elpro Wireless & Turck Remote I/O**

# Underground Storage

Methanol Injection Valves: Jordan

Methanol Injection Flowmeters: Siemens

Fuel & Gas Regulators: Jordan Valve

Pressure: Siemens Transmitters, ITT Neo-Dyn Pressure Switches

Flow: FCI Switches and Mass Flow Transmitters

# Remote Monitoring

Wireless Telemetry: Elpro, Banner

Remote Power (Solar): Power Up (BP Solar)

Remote I/O: Turck (Field-Bus, Devicenet, Profibus, Ethernet)

# Metering Stations

Catalytic Heater Gas Regulators: Jordan Valve

Differential Pressure Transmitters: Siemens

Metering Manifolds: Dwyer

Flow Computation: Veris

Temperature Transmitters: Moore Industries

Ultrasonic Flow: Siemens

Flow Metering: Veris, FCI, Siemens



# Pipeline

Valve Positioners: Siemens

I/P Converters: Moore Industries (with Natural Gas Supply Pressure Certification)

Cathodic Protection I/O: Elpro Wireless, Turck

Solar Panels: Power Up

Temperature Transmitters: SSI T/C's RTD's, Siemens, Moore Industries

Pressure Transmitters – Siemens

Flow Monitors – FCI meters and switches