
GILSON ENGINEERING METALS INDUSTRY GUIDE

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Instrumentation and Control Products for Gas Production & Transmission Companies

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5) 980-0199

New Jersey

Melt Shop



Cooling water flow – [Signet insertion mag meters 2551](#), [Signet Paddle meters 2536](#), [UFM vortex CoolPoint](#), [Siemens Magnetic flow meters 5100w](#), [FCI \(High temp and low flow\)](#)

Temperature – [Moore Industries RTI](#), [Fluke Pyrometer](#), [Wika Gauges](#)

Solids level – [LR500 series Radar](#), [Siemens point level switch - LVL200](#)

Liquid Level – [Siemens LR100](#), [Siemens](#)

[LG250](#), [Siemens LT500 Hydorranger](#)

Motors and Bearings – [Banner Temp and vibration](#), [UFM Vane flow meters](#), [Al-Tek](#)

Local Indication – [Precision Digital PD6000](#)

Safety – [MSA X5000](#) gas detection, [MSA portable gas detection Altair4XR](#), [E2S horns and lights](#)

Hot Mill

Furnace – [FCI \(Gas Flow\)](#), [MSA \(O2 and CO detection\)](#)

Rotational Speed Monitors – [Al Tek](#), [Turk](#)

Tank Level Measurement – [Siemens](#)

[Radar LR560](#), [LR100](#), [LG250](#),
[LR250](#), [LT500 Hydorranger](#), [P320](#)
[Differential pressure](#)

Temperature [Moore Industries RTI](#),
[Fluke Pyrometer](#), [Wika Gauges](#)

Wireless – [Banner DX99](#), [Elpro 905U](#), [Signal Fire Ranger](#)

Strip Lubrication – [Signet 2751/ECD](#)
[ph and ORP measurement](#), [Signet](#)
[Valves](#), [Siemens Level for filters](#)
[LT500](#), [UFM](#), [MacNaught Jordan](#)
[MK60s](#) for pressure reduction,
[Siemens Magnetic Flow meter](#)
[5100w](#)

Strip/Coil Positioning – [Banner Light curtains](#), [Turck prox sensors](#)

Motor and Bearings – [Banner Temp and vibration](#), [UFM flow switches](#)

Local Indication – [Precision Digital PD6000](#)



Safety – MSA/General Monitors gas detection, MSA portable gas detection, E2S horns and lights

Cold Mill

Acid level – Siemens radar level , [LR100](#), [LR250](#)

Acid flow – [Signet paddle meters 2536](#), [Turbines Inc](#)

Hydraulic Fluids – Siemens level Multiranger, [LG250](#), [UFM Vane](#)

Shears – Banner (safety light curtains, strip width/centering)

Wireless – [Banner DX99](#), [Elpro 905U](#)

Temperature – SSI Threaded Well assemblies, Moore Industries

Motor and Bearings – Banner Temp and vibration, [UFM flow switches](#)

Local Indication – [Precision Digital PD6000](#)

Safety – MSA [X5000](#) gas detection, MSA portable gas detection [Altair4XR](#), [E2S horns and lights](#)



Water Treatment

ph/Orp Measurement – Signet 2751/ECD

Water Flow – [Siemens magnetic flow meters 5100w](#) and [clamp on flow meters FS220](#), [Signet paddle meters 2536](#)

Level Measurement Siemens [LR250](#), [LT500 Hydoranger](#), [P320 Differential transmitters](#)

Level Indication and pump control – [Precision Digital PD6000](#)

Recording and Reporting – [Gilson Recorder](#),

Motor and Bearings – Banner Temp and vibration, [UFM flow switches](#)

Safety – MSA [X5000](#) gas detection, MSA portable gas detection [Altair4XR](#), [E2S horns and lights](#)

Boiler House



Boiler Level – QTS Magnetic gauge, Siemens Pressure transmitters

Steam Flow – Veris, Primary Flow Signal(orifice plates and flanges)

Temperature Moore Industries RTI, Fluke Pyrometer, Wika Gauges

Motor and Bearings – Banner Temp and vibration, UFM flow switches

Local Indication – Precision Digital PD6000

Safety – MSA X5000 gas detection, MSA portable gas detection Altair4XR, E2S horns and lights