
GILSON ENGINEERING METALS INDUSTRY GUIDE

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Instrumentation and Control Products for Gas Production & Transmission Companies

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JACKSONVILLE, FL

12369 Burgess Hill Drive
Jacksonville, FL 32246
p 800-860-4499
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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](#), [SSI](#)

Solids level – [Siemens Radar LR560](#),

[Siemens point level switch - LVL200](#)

Liquid Level – [Siemens LR100](#), [Siemens LG250](#), [LR250](#) [Siemens Multiranger](#)

Motors and Bearings – [Banner Temp and Vibration](#), [UFM Vane flow meters](#), [AI-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 – [AI Tek](#), [Turk](#)

Tank Level Measurement – [Siemens](#)

[Radar LR560](#), [LR100](#), [LG250](#),
[LR250](#), [Multiranger Ultrasonic](#),
[P320](#) [Differential pressure](#)

Temperature [Moore Industries RTI](#),
[SSI](#)

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

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



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

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](#), [OleumTech](#), [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](#), [Siemens Ultrasonic Multiranger/ProbeLu](#), [Siemens flanged pressure transmitters DSIII](#)

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

Recording and Reporting – [Gilson Recorder](#), [Oleum Tech DH3](#)

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](#), [SSI](#) 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](#)