
GILSON ENGINEERING METALS INDUSTRY GUIDE

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Instrumentation and Control Products for Gas Production & Transmission Companies

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f (407)444-0335

JACKSONVILLE, FL

391 Ahern Street
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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 LG250](#), [LR250](#) [Siemens Ultrasonic Multiranger](#)
Motors and Bearings – [Banner Temp and Vibration](#), [UFM Vane flow meters](#), [AI-Tek](#)

Local Indication – [Precision Digital PD6000](#)

Safety – [MSA/General Monitors gas detection](#), [MSA portable gas detection](#), [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 \(Siemens Radar LR560](#), [Siemens LG250](#), [LR250](#), [Siemens Ultrasonic Multiranger](#), [pressure transmitters DSIII\)](#)

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

Boiler House



Boiler Level – QTS, Siemens Pressure transmitters

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

Temperature – Moore Industries RTI, SSIMotor

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