

GWR Level Transmitter For Boiler Water Level Measurement

Several Product Groups One Vendor

Low Emission
API 624 Gauge Valves
Model: 3A-S-LE

Reflex & Transparent
Steam Gauges

LED
Gauge Illuminators

Guided Wave Radar
Packages &
Welded Chambers

Magnetic Level
Indicators

A brief summary of liquid level instrumentation equipment manufactured by Questtec Solutions

Key Factors...

- Value - Questtec Integrates a complete turn-key package
- Compliance to ASME Boiler Code as Remote Level Indicator "RLI"
- RLI must be a discrete system independent of the DCS control system
- RLI system monitors the boiler water level to independently validate signal for level controls
- Water Level continuously visible to operators with panel mount remote display
- LT-420 GWR control unit powers the GWR and displays the water level locally at the boiler
- Dedicated power supply provides clean power source, close proximity to transmitter
- (1) LT-420 can drive (3) remote displays with bar graphs
- (4) Programmable Relay Outputs

Proven Solution....

Guided Wave Radar

- Receives PT signal for actual drum pressure
- Receives TE signal for actual temperature
- Local controller performs density error calculations: resulting bicolor local and remote indicators always indicated true density compensated level, regardless of pressure / temperature
- Meets ASME PG60.1.1.2*
- Level Gauge may be mounted to the column to declutter service area
- Associated accessories available: Hot/Cold Insulation, Steam Tracing, Block Valves, Vent/ Drain Valves

2019 ASME PG60.1.1.2 reads.. "when two independent remote water level indicators are in reliable operation (continuously indicating water level), the one required gage glass may be shut off, but shall be maintained in the serviceable condition."

