POWERHOUSE EVALUATIONS

BOILERS

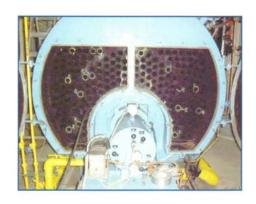
CHILLERS

DEAERATORS

HEAT EXCHANGERS

BOILER INSPECTIONS

- Tube inspection using Remote Field Eddy Current technique
- · Ultrasonic thickness measurements of tubes and headers
- · Articulating fiberoptic Borescope evaluation of tube and headers
- · Microvideo Borescope inspection of tube interiors
- · Ultrasonic flaw evaluations of major welds
- · Drum ligament evaluations
- · Water scale thickness measurement inside tubes using Turner Gauge
- · Wet Flourescent Magnetic Particle Testing





BOILER EVALUATION

- · Boiler Condition and Useful Life Studies
- ASME Code calculations
- · Boiler efficiency certification using the ASME short form
- · Boiler flue gas analysis using Bachrach analyzer with NO meter
- Failure Analysis Scanning Electron Microscope

DEAERATOR INSPECTIONS

- Wet Fluorescent Magnetic Particle Testing of welds for corrosion fatigue cracking
- · Ultrasonic thickness measurements

CHILLER/HEAT EXCHANGER INSPECTION & CLEANING

- Eddy Current testing of heat exchanger tubes
- · Remote Field testing of ferrous tubing
- · Rotating brush cleaning to enable inspection



Briem Engineering

MATERIAL TESTING & ENGINEERING

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