

Powerhouse Tubing & Vessel Inspections

GE Energy offers advanced inspection techniques for fast, comprehensive evaluation of your powerhouse tubing and vessels while reducing your overall inspection costs. Using automated inspection and reporting processes, we minimize your equipment downtime and produce more accurate results than conventional methods. Our experienced technicians will also review your historical inspection data, identify potential problem areas, and design an inspection plan to evaluate those areas early in the process.

Offerings

- **Boiler Tube Surveys** – GE performs comprehensive ultrasonic thickness surveys and reports results using our BoilerMate™ software. BoilerMate records thickness measurements directly from the test equipment, eliminating transcription errors, and creates an easy-to-analyze report before our technicians leave your site.
- **Generator/Exchanger/Condenser Tube Inspections** – Semi-automated inspections using the Internal Rotary Inspection System (IRIS) or specific Eddy Current examination techniques produce corrosion maps to identify defective areas of critical tubing.
- **Deaerator and Vessel Inspections** – GE uses a combination of nondestructive testing techniques together with American Petroleum Institute (API) guidelines to thoroughly inspect vessels for corrosion, erosion, weld cracking and other defects.
- **Power and Reheat Piping Inspection** – Lixi Profiler technology provides radiographic testing of your piping components. This technique detects general wall loss due to corrosion without removing insulation

The GE Advantage

Powerhouse inspections by GE Energy offer several significant advantages:

- Reduce downtime. Our automated inspection techniques require less equipment downtime.
- Lower inspection costs. Eliminating the need to remove insulation can dramatically reduce the cost of inspection.
- On-site reporting. Boiler tube inspection results are provided on-site in an easy-to-analyze format.

Training

GE inspectors are certified in accordance with the guidelines of the American Society of Nondestructive Testing (ASNT), and are specifically trained to conduct boiler inspections.

Locations

GE's certified inspectors are located in offices across the U.S. and can be deployed quickly to meet your inspection needs .



For more information, contact GE Energy at (800) 845-1923 or visit us online at www.gepower.com.