

Phased Array Inlet Features Inspection

Fast, accurate, reliable inspection of main steam inlet sleeve and nozzle chamber to cylinder welds

WesDyne continues to lead the way...



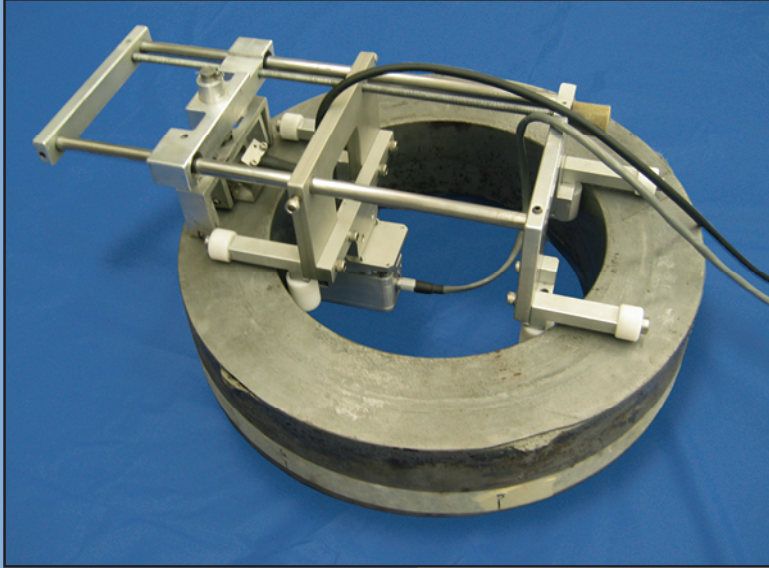
- by providing an accurate and cost-efficient alternative to inspect the main steam inlet sleeve and nozzle to chamber cylinder welds of Westinghouse High Pressure Turbines.
- by eliminating the need for dust blasting, magnetic rubber exams, and radiography exams.
- by performing inspections using phased array ultrasonic techniques that provide accurate detection, characterization, and sizing of flaws in the main inlet sleeves on the outer cylinder welds on high-pressure cylinders.
- with a TG engineering and technical staff, that has an average of 15 years experience. WesDyne personnel are the most knowledgeable and competent in the industry for non-destructive examinations on turbine-generator equipment, regardless of OEM.

 **WESDYNE**
INTERNATIONAL
NDE SERVICES AND SYSTEMS

A Powerful Part of Your Team

Phased Array System

WESDYNE has inspected TGs for over
30 years.



WesDyne's Phased Array Inlet Features Examination is designed to inspect the main steam inlet sleeve and nozzle to chamber cylinder welds on Westinghouse High Pressure Turbines, with many additional benefits over conventional inspection methods. The need for dust blasting and surface prep has been eliminated, as well as the need to perform magnetic rubber and radiography examinations. This results in inspections being completed in a more efficient manner, reducing inspection time by 4-5 days.

WESDYNE has service experience with
300 utilities worldwide.

WESDYNE technical staff has on average over
15 years experience.

WesDyne, the Industry Leader in Phased Array Inspections

In addition to having developed a successful Phased Array technique for the Inlet Features Inspections, WesDyne has applied this technology to additional Turbine-Generator NDE applications:

- Axial Entry Blade Attachment
- Straddle Mount Blade Attachments
- Tangentially Grooved or T-Rooted Blade Attachments

These Phased Array Inspections are completely automated and result in reduced inspection times and more thorough interrogations when compared to conventional techniques.

Count on WESDYNE for all your
NDE inspection services.



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