



Induction Bolt Heating Services

Mannings USA is the preferred vendor of power generation specialists worldwide in the field of induction heating. The employees of Mannings USA revolutionized the method in which the shrunk-fit components of turbine generators were removed for service, eliminating the use of dangerous "fire rings."



Since the introduction into the power-gen field, induction heating has become standard for the industry. Today, Mannings USA is constantly striving to improve its methods and expand the uses for induction heating. Its highly qualified Research and Development Team has improved efficiencies, reduced costs and downtime, thereby improving the profitability of its customers.

Mannings USA has made a commitment to addressing the unique needs of the power generation industry, focusing on both high-quality products and prompt, courteous services. This is accomplished through a combination of technological expertise and industry know-how, with an unrelenting emphasis on quality and service.

Turbine Bolt Heating Services

The Turbine Bolt Heating System from Mannings USA utilizes variable frequency inductive equipment and processes for thermally "elongating" turbine bolts in a fraction of the time normally required for the operation.

With specifically designed inductors, all heated bolting can now be removed or tightened within one shift... or less. This proven method reduces outage time by days, saving millions of dollars in down-time. Plus, the process minimizes safety concerns associated with the forceful removal of nuts with sledgehammers and slugging wrenches. Nuts can easily be removed using simple hand tools, reducing possible injury and lost man-hours.

Closed-Loop Water System

Mannings USA has developed a solution to problems associated with water restrictions, which hinder the induction heating process. In nuclear environments, the consumption of water may be restricted. In addition, EPA regulations have required a more conscientious approach to industry.

The Mannings Closed-Loop Air to Water Chiller System continuously circulates water through the system, allowing a minimal amount of water consumption. Running clean water through the system can also improve product performance and reliability, and eliminate cooling water contamination associated with the use of "river water."



"Experience what hundreds of utilities already know... Mannings Induction Bolt Heating saves time and money."



Mannings USA is a highly responsive company providing 24 hour emergency service to support the industry's requirements in unexpected outages.



Mannings USA

Since 1989, Mannings USA has established an international reputation for manufacturing well-designed, functional and reliable products. Along with our field services division, Mannings USA has become a leader in the power generation industries by providing quality products and services worldwide. Mannings' integrity coupled with customer satisfaction is the cornerstone upon which this successful business has been built.

For more information on Induction Bolt Heating or other Mannings products and services, please give us a call today.

Nationwide Locations

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