BELZONA RESTORES HYDROGEN COOLER ENDS

ID: 1390

Industry:PowerCustomer Location: Power Station, OntarioApplication:MPT-Mechanical Power TransmissionApplication Date: November 2009

Substrate: Carbon Steel

Products: * Belzona® 1111 (Super Metal),

Problem

Seals had become out of round and as a result gas leaks had started.







Photograph Descriptions

- * Unit set-up on turntable and upper and lower outside diameters masked off,
- * Belzona® 1111 applied to build up the groove to the desired over-thickness,
- * Seals ready to be machined to correct tolerance,

Application Situation

Hydrogen seals are found on either end of the generators and seal hydrogen cooling gas from escaping.

Application Method

Application carried out in accordance with Belzona Know-How System Leaflet MPT-9. Units are set up on a turntable and Belzona applied to rebuild groove before being re-machined to tolerance.

Belzona Facts

Each of these hydrogen rings, depending on size, range from \$80K to \$120K. These repairs cost under \$3K per unit complete. In addition to these savings the Belzona is approved for these applications.

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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Repair • Protect • Improve