

BELZONA RESTORES HYDROGEN COOLER ENDS

ID: 1390

Industry: Power
Application: MPT-Mechanical Power Transmission

Customer Location: Power Station, Ontario
Application 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
FS 695214
ISO 14001:2015
EMS 695213

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manufactured under an ISO
9000 Registered Quality
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