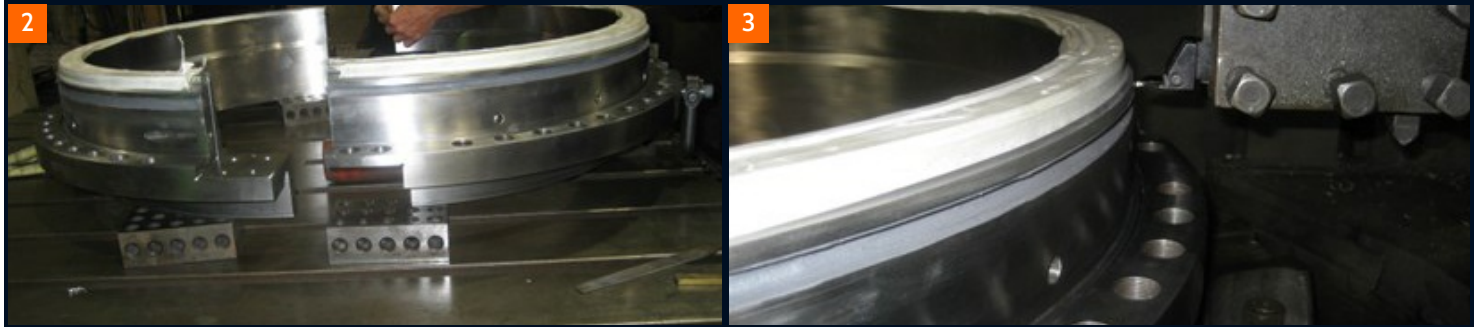


BELZONA RESTORES HYDROGEN COOLER ENDS

ID: 1390



PROBLEM

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

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.

INDUSTRY

Power

LOCATION

Power Station, Ontario

APPLICATION DATE

November 2009

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Carbon Steel

PHOTOS

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

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

