

## BELZONA RESTORES HYDROGEN COOLER ENDS

### CUSTOMER

Power Station, Ontario

### APPLICATION DATE

November 2009

### APPLICATION SITUATION

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

### PROBLEM

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

### PRODUCTS

Belzona® 1111 (Super Metal)

### SUBSTRATE

Carbon Steel

### 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.

### PICTURES

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 <http://khia.belzona.com>



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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