Know-How*in Action*

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REBUILDING TURBINE FLANGE FACES WITH BELZONA

CUSTOMER
Power station in Egypt

APPLICATION DATE
May 2004

APPLICATION SITUATION
Low pressure steam turbine

PROBLEM
Corrosion and steam cutting on many areas of flange faces.

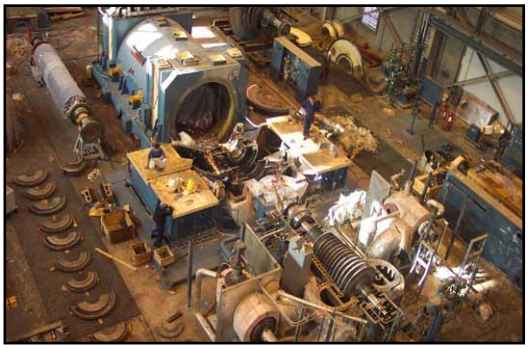
PRODUCTS
Belzona® 1311 (Ceramic R-Metal)

SUBSTRATE
Steel

APPLICATION METHOD
Application was carried out in accordance with Belzona Know-How System Leaflet ENC-7.

BELZONA FACTS
Formers were cut from MDF (Medium Density Fiber Board) to match the repair areas on the various flange areas. Belzona is a proven effective long term repair for this type of damage.

PICTURES
1. General view of the turbine
2. Typical damage found on the flanges
3. Former clamped in place to form the Belzona® 1311
4. One of the many repaired areas


1.

2.

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

Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

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