

REBUILDING TURBINE FLANGE FACES WITH BELZONA

ID: 451



PROBLEM

Corrosion and steam cutting on many areas of flange faces.

APPLICATION SITUATION

Low pressure steam turbine

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.

INDUSTRY

Power

LOCATION

Power station in Egypt

APPLICATION DATE

May 2004

PRODUCTS

Belzona 1311 (Ceramic R-Metal)

SUBSTRATE

Steel

PHOTOS

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

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

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