

# REBUILDING TURBINE FLANGE FACES WITH BELZONA

ID: 451

Industry: Power  
Application: ENC-Engines and Casings  
Substrate: Steel  
Products: \* Belzona® 1311 (Ceramic R-Metal) ,

Customer Location: Power station in Egypt  
Application Date: May 2004

## Problem

Corrosion and steam cutting on many areas of flange faces.



## Photograph Descriptions

- \* General view of the turbine ,
- \* Typical damage found on the flanges ,
- \* Former clamped in place to form the Belzona® 1311 ,
- \* One of the many repaired areas ,

## 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.

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  
Management System.

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