

Belzona repairs damaged turbine flange face

ID: 7570

Industry: General Industry

Customer Location: Chemical plant, Slovakia

Application: ENC-Engines and Casings

Application Date: 2010

Substrate: Cast iron.

Products: * Belzona 1591 - Belzona 1593 would now be recommended. ,

Problem

Wet steam caused erosion corrosion damage to flange face of turbine casing. This damage meant steam leakage from the turbine.



Photograph Descriptions

- * 1. Damaged turbine split casing ,
- * 2. Glass panel (coated with Belzona 9411 Release agent) used to form flat surface on Belzona ,
- * 3. Repaired area ,
- * 4. Turbine ready for mounting ,

Application Situation

Split casing of steam turbine.

Application Method

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

Belzona Facts

Disconnecting, montage and transport would be very expensive for customer. Belzona repair is very quick and minimized outage of the turbine.

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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