BELZONA REPAIR TO OIL COOLER

Industry: Power Application: HEX-Heat Exchangers Substrate: Copper Alloy Products: * Belzona[®] 1111 (Super Metal), * Belzona® 1321 (Ceramic S-Metal), Customer Location: Power Station in Sri Lanka Application Date: January 2001

Problem

The unit was severely damaged and leaking as a result of bimetallic corrosion.

Photograph Descriptions

- * Corroded unit with holes clearly visible Belzona® 1111 being used to repair holed and corroded areas,
- * Belzona® 1321 being applied to protect unit,
- * Completed application being pressure tested ,

Application Situation

Thrust bearing oil cooler from turbine

Application Method

FS 695214

Application was carried out using techniques adapted from Belzona System Leaflets HEX-3 & HEX-9. Holed and corroded areas were rebuilt using Belzona® 1111 incorporating Belzona® 9341 (Reinforcement Tape).

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

ISO 9001:2015 Belzona products are ISO 14001:2015 EMS 695213

manufactured under an ISO 9000 Registered Quality Management System.

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Belzona Facts

Unit was pressure tested before being returned to service and has regularly been inspected since and remains in perfect condition. Belzona repair was carried out at a fraction the cost of a replacement unit.

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