BELZONA PROTECTION TO AERZENER LOBE COMPRESSOR

ID: 365

Industry: General Industry Customer Location: Steel Mill in Saudi Arabia

Application: PDP-Positive Displacement Pumps Application Date: 2002

Substrate: Steel

Products: * Belzona® 1111 (Super Metal),

* Belzona® 1391,

Problem

Hot scrubbed gas contains fine particles which are broken down by spraying with water, this combination causes severe corrosion.







Photograph Descriptions

- * General view of compressor,
- * Work underway on the lobe,
- * Body and lobe protected with Belzona® 1391,

Application Situation

Compressors used to boost process and cool gases in the steel production process.

Application Method

Application was carried out using a modified version of Belzona System Leaflets PDP-4, FBC-2 and FBC-5. Pitting damage repaired with Belzona® 1111 and internal casing and lobe protected with Belzona® 1391.

Belzona Facts

Initial compressor completed as a trial. As a result of this successful trial further units have since been coated.

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

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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Repair • Protect • Improve