

BELZONA PROTECTION TO AERZENER LOBE COMPRESSOR

ID: 365

Industry: *General Industry*
Application: *PDP-Positive Displacement Pumps*

Customer Location: *Steel Mill in Saudi Arabia*
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
FS 695214
ISO 14001:2015
EMS 695213

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manufactured under an ISO
9000 Registered Quality
Management System.

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