

# 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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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