

BELZONA PROTECTION TO AERZENER LOBE COMPRESSOR

CUSTOMER

Steel Mill in Saudi Arabia

APPLICATION DATE

2002

APPLICATION SITUATION

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

PROBLEM

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

PRODUCTS

Belzona® 1111 (Super Metal)

Belzona® 1391 (Ceramic HT Metal)

SUBSTRATE

Steel

APPLICATION METHOD

Application was carried out using a modified version of Belzona Know-How 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.

PICTURES

1. General view of compressor
2. Work underway on the lobe
3. Body and lobe protected with Belzona® 1391



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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