

# BELZONA PROTECTION TO AERZENER LOBE COMPRESSOR

ID: 365



## PROBLEM

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

## 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.

## INDUSTRY

General Industry

## LOCATION

Steel Mill in Saudi Arabia

## APPLICATION DATE

2002

## PRODUCTS

Belzona 1111 (Super Metal)  
Belzona 1391

## SUBSTRATE

Steel

## PHOTOS

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

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