

BELZONA REPAIRS LARGE SOOT BLOWING AIR COMPRESSOR

ID: 231



PROBLEM

Corrosion in water jacket area had reduced the gasket sealing surface and allowed water into the air stream.

APPLICATION SITUATION

Repair to soot blowing air compressor operating at 12,500 cfm.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet GSS-7. This method included grit blasting the area to be built up. A mold was used to help form the correct fit and a disc sander was used to achieve the proper finish.

BELZONA FACTS

Use of Belzona® 1111 (Super Metal) resulted in the equipment being placed back in service at a substantial cost saving as opposed to having the air compressor welded and machined down.

INDUSTRY

Power

LOCATION

Coal fired power plant in Texas, U.S.A.

APPLICATION DATE

October 1999

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 9411 (Release Agent)

SUBSTRATE

Cast iron

PHOTOS

1. Overall view of soot blowing air compressor
2. Mold used to help form overlay for correct fit
3. Finished sealing area, lighter color (top) shows Belzona 1111 (Super Metal), darkest color is existing cast iron

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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under an ISO 9001 Registered
Quality Management System.

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