

REPAIR AND COATING FOR A BOILER FEED PUMP

ID: 4937



PROBLEM

After 3 to 4 months in use the boiler feed pump was suffering from general corrosion/erosion and the metal shavings in the feed eventually would lead to a through hole in the casing.

APPLICATION SITUATION

Boiler feed pump.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet CEP-5 for repair of general erosion damage. The surface was prepared by grinding the entire surface to be coated. Belzona 1391 was applied with a stiff bristle brush as a two coat system in accordance with the Belzona Instructions For Use.

BELZONA FACTS

Belzona 1391 has been designed to operate under continuous immersion of temperatures up to 120°C (248°F) as the boiler feed was working at a temperature of 93°C (200°F). Fifteen months (March 2014) after application the system is in great working order with no corrosion/erosion or holes.

INDUSTRY

Heating, Ventilation & Air Conditioning

LOCATION

Windsor, Ontario, Canada

APPLICATION DATE

December 2012

PRODUCTS

Belzona 1391 (Ceramic HT)

SUBSTRATE

Steel

PHOTOS

1. Boiler feed pump prior to application
2. Preparation completed
3. Application completed
4. Fifteen months after application.

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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