

BELZONA OFFERS PROTECTION TO NEW FLOATING HEAD

ID: 5908

Industry: Oil & Gas
Application: HEX-Heat Exchangers
Substrate: Steel
Products: * Belzona 1321 (Ceramic S-Metal) ,

Customer Location: Toronto, ON, Canada
Application Date: April 2015

Problem

Deterioration of the surface due to erosion/corrosion by in-service conditions.



Photograph Descriptions

- * Surfaces abrasive blasted being masked prior to coating ,
- * Close up of abrasive blasted profile ,
- * Application of 1st coat of Belzona 1321 (Grey) ,
- * Completed application 2nd coat of Belzona 1321 (Blue) ,

Application Situation

Floating head

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet HEX-3 for erosion/corrosion resistance coatings. Masking tape was placed at the outer edge of the rebate grooves in order to highlight the area to be coated and to give a neat and clean finish. Then, the selected Belzona product was mixed and an even coat was applied at the specified thickness, using stiff short bristled brushes. Then, it was made sure that the coating was finished into the rebate grooves. Wet film thickness gauges were used to ensure the recommended film thickness was achieved. The masking tape was removed immediately. Allow to cure before applying a second coat, where specified, of the selected Belzona product, again ensuring that it is correctly finished within the rebate grooves.

Belzona Facts

The manufacturer recognized as a world leader in the supply of specialized and standard shell and tube heat exchangers was

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
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Management System.

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looking to provide an extended service life to an oil and gas client in Ontario. To ensure optimum performance, a Belzona ceramic coating was selected to be applied at the construction stage.

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