

BELZONA FLANGE REPAIR SYSTEM ELIMINATES BLUSHES ON NEW PROCESS VESSEL

ID: 455



PROBLEM

During surface preparation prior to the installation of a Belzona coating, grit blasting damage had occurred to four internal nozzle flange faces. As a result of this the sand recovery system due to be installed could not be fitted.

APPLICATION SITUATION

Nozzle flange faces on offshore process vessel due for urgent delivery

APPLICATION METHOD

The flange faces were reblasted fully and Belzona® 1591 was installed using a forming process according to Belzona Know-How System Leaflet VPF-13.

BELZONA FACTS

Four flange faces were formed using this technique, and were allowed to cure prior to breaking out. Once complete they were protected, the vessel was grit blasted for a second time and Belzona® 1591 applied to the whole vessel. The alternative would have required on-site machining of the flange faces at significant cost.

INDUSTRY

Marine

LOCATION

Vessel manufacturer - UK

APPLICATION DATE

April 2004

PRODUCTS

Belzona 1591 (Ceramic XHT Metal)

SUBSTRATE

Stainless steel.

PHOTOS

1. Application of Belzona 1591 to flange face
2. Completed assembly showing former, bolts and shim
3. Finished flange face awaiting removal of masking tape and dressing of internal bore

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

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