

BELZONA REPAIRS PINHOLES IN HEATER DRUM

ID: 6101

Industry: Oil & Gas
Application: TCC-Tanks and Chemical Containment Areas

Customer Location: Offshore Platform, Gabon
Application Date: April 2016

Substrate: Carbon Steel
Products: * Belzona 1111 (Super Metal) ,
* Belzona 1321 (Ceramic S-Metal) ,

Problem

Corrosion Under Insulation had caused pinholes in the tank wall. An in-situ was required to ensure minimal disruption to production.



Photograph Descriptions

- * Tank suffering from corrosion under insulation ,
- * After surface preparation ,
- * Plate cut and ready to bonded with Belzona 1111 ,
- * Finished application after coating with Belzona 1321 ,

Application Situation

A heater tank operating at 80°C.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-1. After surface preparation had been carried out, a custom-made plate was bonded using Belzona 1111. The plate was cut to fit the nozzle and brackets on the tank and was grit blasted prior to going offshore. As an additional protection, Belzona 1321 was applied on top of the plate to prevent future issues with corrosion under insulation.

Belzona Facts

Reducing the temperature to carry out the surface preparation and the application was only possible over a short period of time.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

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FS 695214
ISO 14001:2015
EMS 695213

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The temperature at the time of the application was dropped down to 40°C. The work was completed over 1 shift which was greatly appreciated by the offshore operator and ensured production could continue with minimal disruption.

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