

BELZONA PROTECTS SLUG CATCHERS AGAINST EROSION AND CORROSION

ID: 418

Industry: Oil & Gas
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Steel
Products: * Belzona® 1391 (Ceramic HT Metal),

Customer Location: Vessel manufacturer in Italy
Application Date: September 2001

Problem

Vessels were to be put into operation at 90°C and 70 bar pressure in a mixture of hydrocarbons and water. Belzona was applied to the bottom third of the vessels where the water gathers and causes corrosion.



Photograph Descriptions

- * Two of the slug catchers ready for internal coating. ,
- * The Belzona® 1391 being applied. ,
- * Sponge testing the Belzona® 1391 to ensure no application defects were present in the coating. ,

Application Situation

Slug catchers destined for gas processing plant

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-3. Particular care was taken to maintain temperature of the substrate during application.

Belzona Facts

The Belzona® 1391 after 2 years in service was replaced due to increased use of acid for well stimulation. Belzona® 1392 has been developed to deal with this specific type of situation where acid contamination occurs.

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

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9000 Registered Quality
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