

Belzona repairs pump caissons

ID: 8088

Industry: Oil & Gas

Application: VPF-Valves, Pipes and Fittings

Substrate: Steel

Products: * Belzona 1212 ,
* Belzona 1161 (UW-Metal) ,
* Belzona 5831 (ST) ,
* Belzona 9341 (Reinforcement Sheet) ,

Customer Location: Azerbaijan - Offshore

Application Date: August 2018

Problem

Through wall defects of pipe causing leakage of water with large areas of pitting.



Photograph Descriptions

- * Defective pipe ,
- * Doubler plate ,
- * Belzona 5831 1st coat ,
- * Belzona 5831 2nd coat ,

Application Situation

Pump caisson pipe suffering from external corrosion and through-wall defects

Application Method

The application was completed in accordance with Belzona System leaflet VPF-11 and SOS-21. Through wall defects were repaired by plate bonding using Belzona 1212. Pitting was repaired with Belzona 1161 followed by 2 coats of Belzona 5831 with Reinforcement Sheet between the coats.

Belzona Facts

Client required 10 year life expectancy for the repair.

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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