

BELZONA REPAIRS UNDERWATER PIPE ON OFFSHORE PLATFORM

ID: 1582

Industry: Buildings & Structures

Application: CEP-Centrifugal Pumps

Substrate: Carbon Steel

Products: * Belzona® 1161 (Super UW-Metal) ,
* Belzona® 5831 (ST-Barrier) ,

Customer Location: Oil and Gas Platform, Brazil

Application Date: March 2008

Problem

Sump pipe was cracked due to impact. It was required to seal the affected area under water.



Photograph Descriptions

- * Adhesion test being carried out with plates coated with Belzona® 5831 prior to application ,
- * Testing Belzona® 1161 on edges of plate under immersed conditions ,
- * Application being carried out by divers under water ,

Application Situation

Sump pipe on oil and gas platform

Application Method

Application was carried out using a modified version of Belzona Know-How System Leaflet VPF-11a. Surface was cleaned in accordance with ISO 8501-1 St2/3 using pneumatic sander. Prior to commencement of the application several plates were coated with Belzona® 5831 for future corrosion protection. Plates bonded in place by diver using Belzona® 1161. Clamps were used to hold plates in place during curing process.

Belzona Facts

Practical training was carried out with the divers prior to carrying out the actual application. Upon completion, inspection was carried out and a small leak was detected. The leak was repaired with the Belzona® 1161/5831 system. This repair is in perfect condition when last inspected in 2010.

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
manufactured under an ISO
9000 Registered Quality
Management System.

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