

# BELZONA REPAIRS UNDERWATER PIPE ON OFFSHORE PLATFORM

ID: 1582

**Industry:** Buildings & Structures

**Customer Location:** Oil and Gas Platform, Brazil

**Application:** CEP-Centrifugal Pumps

**Application Date:** March 2008

**Substrate:** Carbon Steel

**Products:** \* Belzona® 1161 (Super UW-Metal) ,

\* Belzona® 5831 (ST-Barrier) ,

## 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

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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