

BELZONA REPAIRS AND WATERPROOFS OFFSHORE ROOF

CUSTOMER

Oil Producer, Gulf of Mexico.

APPLICATION DATE

May 2010

APPLICATION SITUATION

Corroded living quarters roof on offshore platform.

PROBLEM

Customer seeking roof repair and installation of waterproofing system without disrupting oil and gas production. Metal roof had severe corrosion resulting in thin wall and some holes through the plates.

PRODUCTS

Belzona® 1121 (Super XL Metal)

Belzona® 3111 (Flexible Membrane System)

SUBSTRATE

Steel

APPLICATION METHOD

Application was carried out in accordance with Belzona System Leaflets RPA-1, RPA-6 and TCC-1. Belzona 1121 was used to bond doubler plates over thinned and holed areas before applying a fully reinforced Belzona 3111 System over the entire area.

BELZONA FACTS

Repairing roof by welding was not an efficient option because hot work would have required unit shutdown leading to loss of production. Belzona solution allowed personnel to remain in quarters during installation, and caused minimal disruption to normal operations.

PICTURES

1. Roof showing severe corrosion
2. Roof after grit blasting
3. Roof after repairs and first coat Belzona 3111
4. Roof after completion



1.



2.



3.



4.

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



Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

UK • USA • Canada • China
www.belzona.com

