

BELZONA REPAIRS AND WATERPROOFS OFFSHORE ROOF

ID: 1589



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.

APPLICATION SITUATION

Corroded living quarters roof on offshore platform.

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 shut down leading to loss of production. Belzona solution allowed personnel to remain in quarters during installation, and caused minimal disruption to normal operations.

INDUSTRY

Oil & Gas

LOCATION

Oil Producer, Gulf of Mexico.

APPLICATION DATE

May 2010

PRODUCTS

Belzona 1121 (Super XL Metal)

Belzona 3111 (Flexible Membrane System)

SUBSTRATE

Steel

PHOTOS

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

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