

BELZONA REPAIR AND PROTECT OFFSHORE CLOSED DRAIN TANK

ID: 8475



PROBLEM

Severe pitting corrosion in bottom section of internal closed drain tank, due to coating failure. Metal loss in areas measured to 6-8mm deep.

APPLICATION SITUATION

Internal repair and coating of offshore FPSO closed drain tank.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. Following gritblasting, Belzona 1111 Supermetal was used to fill all pitted areas in the tank bottom. All tank bottom surfaces were then coated in Belzona 5811 Immersion Grade.

BELZONA FACTS

As a result of local pitting corrosion and possible through wall defects had created a safety and environmental hazard. A cold applied repair solution was required as an alternative to weld repairs. The Products Belzona 1111 SuperMetal and Belzona 5811 Immersion Grade was the customers first choice.

INDUSTRY

Oil & Gas

LOCATION

North Sea Norway

APPLICATION DATE

April 2019

PRODUCTS

Belzona 1111 (Supermetal)

Belzona 5811 (Immersion Grade)

SUBSTRATE

Carbon steel

PHOTOS

Picture 1. Corroded tank bottom

Picture 2. Severe pitting corrosion

Picture 3. gritblasted surfaces and rebuilding of pits using Belzona 1111 Supermetal

Picture 4. Tank bottom coated with belzona 5811 Immersion grade.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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