

BELZONA COATS RISER IN SPLASH ZONE

ID: 1244



PROBLEM

The offshore platform was experiencing severe corrosion and wall thickness loss of the riser pipe due to the splash zone area which may ultimately lead to leaks or rupture of the high pressure pipe.

APPLICATION SITUATION

Corroded riser pipe

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet SOS-21. Belzona® 5811 was applied to the external paint surface above the splash zone. Belzona® 5831 was applied to the external paint surface in the splash zone area.

BELZONA FACTS

The repair using conventional paint was very difficult as the splash zone is regularly wet from sea waves and very slow curing. The paint will not properly cure if contaminated by little amount of sea water. Belzona system was chosen for its ease of application and specifically for its surface tolerance and ability to cure under wet conditions.

INDUSTRY

Oil & Gas

LOCATION

Offshore Platform, Thailand

APPLICATION DATE

May 2005

PRODUCTS

Belzona 5811 (Immersion Grade) Belzona 5831 (ST Barrier)

SUBSTRATE

Wet carbon steel

PHOTOS

1. Corroded riser pipe
2. Application of Belzona 5831
3. Completed application

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

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