

BELZONA SOLUTION FOR CORRODED RISER CASING

CUSTOMER

Gulf of Thailand

APPLICATION DATE

2018

APPLICATION SITUATION

Offshore riser casing required a solution to extend service life

PROBLEM

Leaked and severe corroded surfaces were observed on splash zone of riser casing.

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1982

Belzona 9381

Belzona 9611

SUBSTRATE

Steel

APPLICATION METHOD

Repair parameters, repair thickness, number of wraps and wrapping length were calculated from operating conditions of the pipe which were provided by the customer. Surface was prepared with garnet grit to achieved SA 2 1/2 level of cleanliness and roughness of more than 75 microns. Through-wall defects were repaired using Belzona 9611 and the corroded areas were rebuilt with Belzona 1111. SuperWrap II repair system was then applied by using Belzona 1982 SuperWrap II Resin with Belzona 9381 reinforcing fiber.

BELZONA FACTS

Customer was very impressed with the performance of Belzona SuperWrap II system which helped them to reduce downtime by in-situ application. Wrapping process was completed in 2 days.

PICTURES

1. Corroded riser casing
2. Rebuilding process with Belzona 1111
3. SuperWrap II Application
4. Completed Application



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Q 09335
ISO 14001:2004
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