

Belzona Solution for Corroded Riser Casing

ID: 7983

Industry: Chemical & Petrochemical
Application: TCC-Tanks and Chemical Containment Areas

Customer Location: Gulf of Thailand

Application Date: 2018

Substrate: Steel

Products: * Belzona 1111 (Super Metal) ,
* Belzona 1982 ,
* Belzona 9381 ,
* Belzona 9611 ,

Problem

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



Photograph Descriptions

- * 1. Corroded Riser Casing ,
- * 2. Rebuilding with Belzona 1111 ,
- * 3. Superwrap 2 Application ,
- * 4. Completed Application ,

Application Situation

Offshore riser casing required a solution to extend service life

Application Method

Repair parameters, repair thickness, number of wrap and wrapping length have been calculated from operating condition of the pipe which are provided by customer. Surface has been prepared with garnet grit to achieved SA 2 1/2 level of cleanliness and roughness more than 75 microns. Leaked or through wall defects were stopped by Belzona 9611 then rebuilt corroded surfaces with Belzona 1111 then SuperWrap II repair system was applied by using Belzona 1982 SuperWrap II Resin with Belzona 9381 reinforcing fiber.

Belzona Facts

Customer very impress in performance of Belzona SuperWrap II system which can help them to reduce downtime by online

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

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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

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application. Wrapping process has been completed in 2 days.

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