

# 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

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FS 695214  
ISO 14001:2015  
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Belzona products are  
manufactured under an ISO  
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application. Wrapping process has been completed in 2 days.

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