

Belzona High Temperature Resistant Coating Protects Transition Spools and Vessel

ID: 7850

Industry: Oil & Gas
Application: VPF-Valves, Pipes and Fittings
Substrate: S31803 (Duplex Stainless Steel)
Products: * Belzona 1391T ,

Customer Location: Major Oil company, China/ Kazakhstan
Application Date: 2018/ 2019

Problem

The Customer required high temperature, erosion-corrosion resistant internal coating on newly fabricated Duplex stainless steel spools and vessels.



Photograph Descriptions

- * Grit blasting in progress. ,
- * 1st coat applied. ,
- * 2nd coat completed. ,
- * HVT testing. ,

Application Situation

Internals of transition spools and new vessels at a vessel fabricator in China. These transition spools were connected to the different vessels and are due to be delivered to the end-user for installation at jobsite in Kazakhstan (2019).

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet VPF-3. Following surface preparation by grit blasting, the Belzona 1391T was hand applied directly onto the prepared surface.

Belzona Facts

Belzona 1391T was applied to stop corrosion from occurring on the the internal of spools. The ceramic fillers in the product help to ensure the wear rate from the erosive forces is kept to a minimum. Belzona 1391T has a long overcoating window which cut down the cost and time of having to blast between the first and second coat.

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

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