# **Pipe Girth Weld Internal Coating**

ID: 9640

Industry: Oil & Gas

Application: VPF-Valves, Pipes and Fittings

Substrate: Carbon steel
Products: Belzona 1391T

Customer Location: Saudi Arabia
Application Date: June 2021

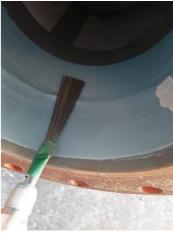
### Problem

Pipes are coated with Fusion Bonded Epoxy Coating (FBE) from manufacture but after welding, the fitting FBE coating got burned and needed repair.









Damaged pipe girth

Damaged pipe girth needed

repair

Measuring the surface roughness before starting Belzona application Spark testing in progress to detect pinholes for a flawless protective coating.

### **Application Situation**

Belzona 1391T was applied directly on-site, eliminating the need for transportation to an FBE coating facility.

## **Application Method**

- 1. Do grit blasting to remove the burned coating until the required profile and cleanliness is achieved.
- 2. Apply Belzona 1391T onto the internal fitting.
- 3. Spark testing to detect if there are any pinholes.

#### **Belzona Facts**

The Belzona solution save cost and time as the asset owner can apply the coating directly onto the profile without the need for delivering the spools to FBE coating facility.

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

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Belzona products are
FS 695214

ISO 14001:2015

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