Belzona Superwrap II Repair of Refinery Pipe

ID: 8085

Industry: Oil & Gas Customer Location: Ireland
Application: VPF-Valves, Pipes and Fittings Application Date: August 2019

Substrate: Mild steel
Products: * Belzona 1212,

* Belzona 1981 Superwrap II ,

Problem

Customer reported a through wall defect in a 6" pipe. Production was severely limited because of the leak, so the customer needed a repair carried out urgently.









Photograph Descriptions

- * Plated bondedwith Belzona 1212,
- * Application of consolidation tape,
- * View of finished Superwrap II application,
- * View of finished Superwrap II application ,

Application Situation

6" pipe carrying produced water and methanol.

Application Method

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ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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A 20x20mm pre-fabricated plate was bonded into postion followed by the Belzona Superwrap II system. The application was completed in accordance with Belzona system Leaflet VPF-11 following the Belzona Superwrap II design.

Belzona Facts

The works took place in an ATEX rated area where welding would have caused serious safety concerns. The customer needed an engineered repair in compliance with ISO and ASME standards. The repair also needed to be carried out and completed within days of receiving the initial phone call.

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