

Belzona SuperWrap II Repair on 2in. Elbow - LDHI Transfer Line

ID: 8627

Industry: Oil & Gas
Application: VPF-Valves, Pipes and Fittings
Substrate: Carbon Steel - 2" Pipe
Products: * Belzona 9611 ,
* Belzona 9111 ,
* Belzona 1161 ,
* Belzona 1982 ,
* Belzona 9381 ,
* Belzona 9382 ,

Customer Location: Gulf of Mexico
Application Date: April 2021

Problem

The problem was a pin hole leak that was found on a 2" pipe around the weld seam of an elbow, caused by external corrosion. This was an LDHI transfer line on an offshore platform in the Gulf of Mexico. Operating Temperature is 100F and Design Pressure of 150psi. A quick and compliant repair was desired by client to stop the leak and continue normal operations.



Photograph Descriptions

- * 1. Location of pin hole leak in the pipe. ,
- * 2. After surface prep was completed. ,
- * 3. Release Film applied. ,

Application Situation

SuperWrap II Trained personnel onboard a platform in the Gulf of Mexico were asked by the asset owner to repair a LDHI Transfer Line that had a leak. SW II was easily accessible, compliant, and effective option for the situation.

Application Method

1. Fill in defect with 9611 to stop leak
2. Power tool clean to bare metal - SSPC-11
3. Repair pitting with Belzona 9611 and Belzona 1161.
4. Apply 3 wraps of SW II - 1982/9381(84mm). 10" total axial extent of repair.

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

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