

Belzona SuperWrap II for Pitted Piping

ID: 8592

Industry: Power
Application: VPF-Valves, Pipes and Fittings
Substrate: Carbon Steel
Products: * Belzona 1212 ,
* Belzona 1161 (Super-UW Metal) ,
* Belzona 1982 ,
* Belzona 9381 ,

Customer Location: Houston
Application Date: March 2020

Problem

Localized corrosion in the form of deep pits was on the verge of holing through.



Photograph Descriptions

- * 1. Defective Asset ,
- * 2. Graphic for Design Package ,
- * 3-4. Final Repair ,

Application Situation

Piping near a cooling tower was severely corroded due to cooling tower mist.

Application Method

Wire brush preparation was performed around critical defects. Belzona 1212 was then used to cover critical defects. Once Belzona 1212 became machinable, a MBX was used to create an SSPC-SP 11 surface cleanliness level on the surrounding good metal. Belzona 1161 was used to smooth out the repair area and SuperWrap II was applied in a patch form as a 6 layer system.

Belzona Facts

Propylene Line 100 F 50 psig Repair was designed with ASME Article 401

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

Belzona products are
manufactured under an ISO
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