

Belzona SuperWrap II Patch Repairs Leaking Vessel Welds

ID: 8666

Industry: General Industry
Application: TCC-Tanks and Chemical Containment Areas

Customer Location: Scotland
Application Date: October 2021

Substrate: Stainless steel

Products: * Belzona 1111 (Super Metal) ,
* Belzona 1981 (SuperWrap II) ,
* Belzona 9381 ,

Problem

Welding was undesirable due to the potential for further cracking in the welds. This could potentially cause even more leaks.



Photograph Descriptions

- * 1 - Surface preparation carried out ,
- * 2 - Belzona 1111 applied to fair the surface ,
- * 3 - Wrap system applied & consolidated using formers & straps to compress ,

Application Situation

Stainless steel vessels had developed pinhole leaks around welds. A cold applied & fast back to service repair was required to seal these leaks during a shutdown.

Application Method

The areas were first prepared using an MBX Bristle Blaster. Belzona 1111 Supermetal was applied to fair any defects. A four layer patch system was created using Belzona 1981 SuperWrap II resin, and Belzona 9381 reinforcing sheet. This application was completed in accordance with Belzona system leaflet TCC-1.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
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Belzona Facts

These cold applied patch repairs were completed in one day, saving the customer time & money.

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