

Belzona SuperWrap seals weeping storage tank

ID: 1577

Industry: *Power*
 Application: *VPF-Valves, Pipes and Fittings*
 Substrate: *Mild Steel*
 Products: ** Belzona® Superwrap ,*

Customer Location: *Energy Company*
 Application Date: *April, 2009*

Problem

Vertical weld was found to be very porous and fuel oil was weeping from a 2 mm through wall defect. No corrosion or thin wall area was detected. Defect was located at 30 feet from the ground level.



Photograph Descriptions

- * Damaged area ,
- * Area prepared by abrasive blasting ,
- * Belzona® SuperWrap application ,
- * Belzona® SuperWrap repair inspected and painted over ,

Application Situation

220 foot diameter 56 foot high storage tank containing fuel oil at 140°F max. temperature.

Application Method

SuperWrap composite system was applied in compliance with ISO/TS 24817 and ASME PCC-2. Belzona® Superwrap composite repair system was applied at 10 mm thickness and over a 100 x 355mm area.

Belzona Facts

The repair was completed without resort to hotwork. Belzona® Superwrap System was inspected in 2010 and found to be in perfect

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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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