

Leaking Porous Weld Repair

ID: 9352

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| Industry: | Water / Wastewater | Customer Location: | Ontario |
| Application: | VPF-Valves, Pipes and Fittings | Application Date: | November 2023 |
| Substrate: | Stainless-steel | | |
| Products: | Belzona 1111 (Super Metal), Belzona 9111 (Cleaner Degreaser) | | |

Problem

Weld Joint on stainless steel pipe was leaking due to a porosity and slag inclusion

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| Repair area preparation completed | Belzona 1111 mixed | Application of Belzona 1111 | Application completed |
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Application Situation

The asset owner required a weld joint on the city water tower S/S filling pipe to be repaired without performing hot work and also required a NSF approved product.

Application Method

Preparation was completed in-way of using a grinder with a 80 grit sanding pad, than cleaned with Belzona 9111. Next the Belzona 1111 repair composite was mixed and applied well into the preferred area. Using a piece of Belzona 9341 Reinforcing cloth was wetted out and applied over the repair area with a further layer of Belzona 1111 until the cloth was covered.

Belzona Facts

Sub-Contractor contacted Belzona Great Lakes to discuss solutions the BGL would suggest to be used for this type of repair and also mentioned that a approved NSF-61 product was required.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

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| FS 695214 | manufactured under an ISO |
| ISO 14001:2015 | 9000 Registered Quality |
| EMS 695213 | Management System. |

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