

LEAKING POROUS WELD REPAIR

ID: 9352



PROBLEM

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

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.

INDUSTRY

Water / Wastewater

LOCATION

Ontario

APPLICATION DATE

November 2023

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 9111 (Cleaner Degreaser)

SUBSTRATE

Stainless-steel

PHOTOS

1. Repair area preparation completed
2. Belzona 1111 mixed
3. Application of Belzona 1111
4. Application completed

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