

Belzona Prevents Plant Shutdown By Curtailing High Pressure Pipe Leak

ID: 9671

Industry: Steel & Metal Processing

Customer Location: Hamilton, Ontario.

Application: VPF-Valves, Pipes and Fittings

Application Date: November 2024

Substrate: Carbon steel

Products: Belzona 1212, Belzona 1982 (SuperWrap II), Belzona 9111 (Cleaner Degreaser)

Problem

A pipe transporting over 2000 Psi of process water had a leak and a metal plate was welded. However, the pressure of the water would always find a way through the weld seams. Belzona was contacted based on previous successful applications we have been able to achieve on leaking pipes in recent times.



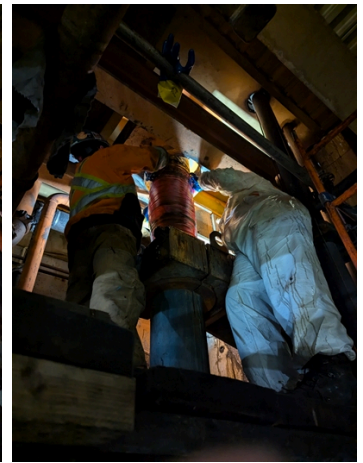
Pipe after surface preparation.



Pipe and metal plate covered with Belzona 1212.



Super Wrap II was installed.



Pipe after the application.

Application Situation

Welding of a metal plate to the pipe was not only time wasting but was not successful as the water keeps getting through the weld seams over time. Application of Belzona 1212 and subsequently Super Wrap II was not only fast but was able to curtail the leak for the time required before the planned plant shut down and production was not cut abruptly.

Application Method

The affected area was cleaned to the required level of cleanliness as stated in the products IFU and procedure for repairing leaks in pipes (VPF-11) by abrasive blasting. Belzona 1212 was used to cover both the weld seams and the metal plate before wrapping with Belzona super wrap II kits.

Belzona Facts

Belzona application was quick, safe and effective. Customer was pleased as follow up with them shows the application curtailed the pressure better and more effectively than welding.

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

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