

BELZONA STOPS A LIVE LEAK ON SEAWATER MANIFOLD NOZZLE

ID: 7557



PROBLEM

Due to severe corrosion a critical leak occurred while preparing the surface of the pipe externals. The surface is constantly moist and condensing, this made drying of the application surface very challenging.

APPLICATION SITUATION

Corrosion on 50 year old inlet manifold at bottom of 80 metre deep column in ilmenite factory lead to a critical leak on one of the nozzles.

APPLICATION METHOD

Application was carried out in accordance with a modified version of Belzona Know How System Leaflet VPF-11. Belzona 9611 and Belzona 1221 were used to successfully stop the leak within minutes. This was followed by an application of a composite wrap using Belzona 1212 to seal the area.

BELZONA FACTS

Due to the moist conditions and constantly condensing surface a rapid curing, surface tolerant solution was crucial. The Belzona solution avoided a major shutdown of the factory. The Belzona repair allowed to factory to continue production until the next planned shut down.

INDUSTRY

Mining & Quarrying

LOCATION

Mining Company, Norway

APPLICATION DATE

September 2017

PRODUCTS

Belzona 9611 (ES-Metal)
Belzona 1221 (E-Metal)
Belzona 1212

SUBSTRATE

Carbon steel

PHOTOS

1. Leak shown from the nozzle.
2. Closeup of leak area.
3. Leak stopped using 9611/1221.
4. Belzona 1212 wrap installed.

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