

BELZONA STOPS A LIVE LEAK ON SEAWATER MANIFOLD NOZZLE

ID: 7557

Industry: Mining & Quarrying
Application: VPF-Valves, Pipes and Fittings
Substrate: Carbon steel
Products: * Belzona 9611 (ES-Metal) ,
* Belzona 1221 (E-Metal) ,
* Belzona 1212 ,

Customer Location: Mining Company, Norway
Application Date: September 2017

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.



Photograph Descriptions

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

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.

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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