

# Cooling Water Outlet Protected with Belzona 1321

ID: 7792

Industry: Power  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Mild steel  
Products: \* Belzona 1321 (Ceramic S-Metal) ,

Customer Location: Ireland  
Application Date: September 2018

## Problem

The existing rubber lining had reached its end of life. The existing rubber was no longer providing the steel pipes with protection from erosion/corrosion. The rubber needed to be removed to allow for application of Belzona 1321.



## Photograph Descriptions

- \* Rubber lining in outlet pipe ,
- \* Condition of rubber lining ,
- \* Blasting in progress ,
- \* Finished Belzona 1321 ,

## Application Situation

Sea water used as coolant in open cooling system in coal fired power station. Steel cooling water outlets below the condenser

## Application Method

The rubber was stripped. The steel was grit blasted and then washed to removed all salts. The steel was blasted back to ISO 8501 SA 2 1/2 and Belzona 1321 was applied in two coats.

## Belzona Facts

Belzona 1321 is substantially cheaper than rubber lining. Belzona 1321 had been used in the past in that station to re-line pipe work and equipment that had been previously rubber lined.

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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