

## COOLING WATER OUTLET PROTECTED WITH BELZONA 1321

### CUSTOMER

Ireland

### APPLICATION DATE

September 2018

### APPLICATION SITUATION

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

### 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.

### PRODUCTS

Belzona 1321 (Ceramic S-Metal)

### SUBSTRATE

Mild steel

### APPLICATION METHOD

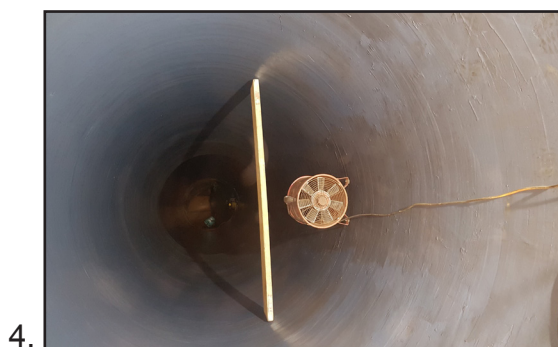
The rubber was stripped. The steel was grit blasted and then washed to removed all salts. The steel was blasted back to ISO 8501 SA 2 1/2 and Belzona 1321 was applied in two coats.

### 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.

### PICTURES

1. Rubber lining in outlet pipe
2. Condition of rubber lining
3. Blasting in progress
4. Finished Belzona 1321



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ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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