

COOLING WATER OUTLET PROTECTED WITH BELZONA 1321

ID: 7792



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.

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.

INDUSTRY

Power

LOCATION

Ireland

APPLICATION DATE

September 2018

PRODUCTS

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Mild steel

PHOTOS

Rubber lining in outlet pipe

Condition of rubber lining

Blasting in progress

Finished Belzona 1321

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under an ISO 9001 Registered
Quality Management System.

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