

BELZONA HELPS REBUILD END COOLER HEADERS

ID: 7746



PROBLEM

Severe pitting, corrosion appeared on the covers after years of operation. The worst of the pitting was about 8mm deep

APPLICATION SITUATION

End cooler headers of a tube sheet. Design temperature: 200F

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-5 & FBC-5. Belzona 1511 was used to rebuild the entire profile of the inside of the cooler heads.

BELZONA FACTS

The water collectors originally had no lining and were severely damaged after years of service. The Belzona solution restored the equipment thickness, preventing future corrosion and extending the useful life of the equipment. Manufacturing replacement heads would take over a year; however, with the use of Belzona they repaired the equipment and returned to service after a couple of weeks avoiding prolonged downtime.

INDUSTRY

Fluid Flow

LOCATION

Ontario, Canada

APPLICATION DATE

July 2018

PRODUCTS

Belzona 1511 (Super HT-Metal)

SUBSTRATE

Cast Iron

PHOTOS

1. Internal surface before application
2. Internal surface showing severe pitting & corrosion damage
3. Belzona 1511 application, the product is being applied
4. Completed application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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