

Repair and Protection of Main Condenser-Coal Plant

ID: 10112

Industry: *Power*Customer Location: *Underwood, North Dakota*Application: *HEX-Heat Exchangers*Application Date: *March 1996*Substrate: *Carbon steel*Products: *Belzona 1121 (Super XL-Metal), Belzona 1321 (Ceramic S-Metal)*

Problem

The tubesheet of this heat exchanger was in dire need of rebuild and coat.



Swanson Youngdale applying corks in tubes.



Contractor applying Belzona 1121 between all tubes; bring it flush with tubes



Application of 2 coats of Belzona 1321



Inspection of final application of B1121 and Belzona 1321

100% before cork removal

Application Situation

Belzona offered a turnkey solution to bring condenser back to 100% with total rebuild and coat system.

Application Method

Tubes were corked (over 2000) and then face was blasted, once blasted the tubes were corked again flush; Belzona 1121 metal was trolled in the bring face flush with tubes. As per Instructions for Use, Belzona 1321 was applied in 2 coat system.

Belzona Facts

Client went with Belzona because of knowledge and experience with our products.

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

Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

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