

Belzona Repairs and Protects 18 Chillers

ID: 8267

Industry:

Customer Location: Jalgaon, India

Application: HEX-Heat Exchangers

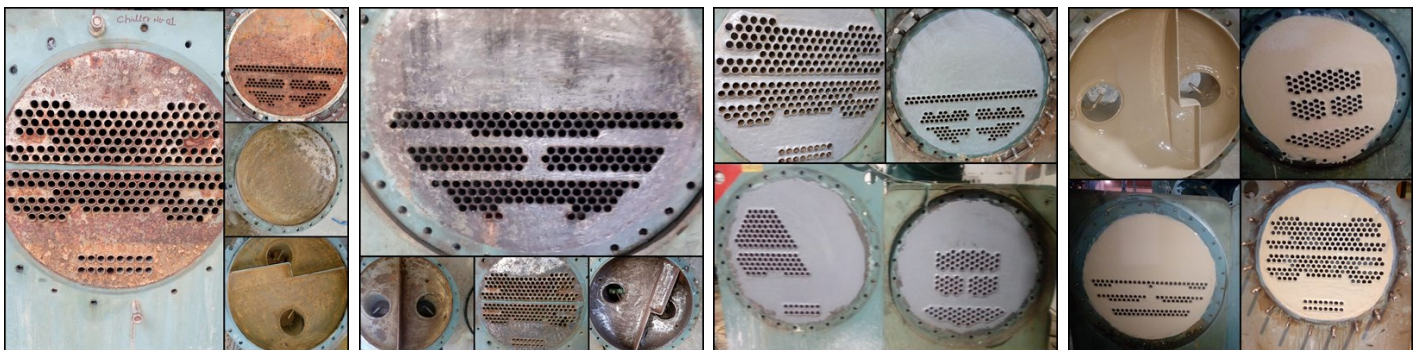
Application Date: May 2018 - April 2019

Substrate: Steel

Products: * Belzona 1111 SuperMetal Belzona 5811 Immersion Grade ,

Problem

Tubesheet and water box surfaces of 10 Chillers of a Plastic Plant's HVAC system were corroded over time. The client had purchased 8 new chillers for a new HVAC system and had planned to replace the 10 chillers in phases. Customer needed a cost effective solution.



Photograph Descriptions

- * Old Chiller with tubesheet and water boxes ,
- * Chiller under process of being cleaned ,
- * Chiller resurfaced with Belzona 1111 ,
- * Chiller coated with Belzona 5811 ,

Application Situation

Tubesheet and Water boxes of Chiller units

Application Method

Application carried out in accordance with Belzona Know-How System Leaflets HEX-1 & -3. After corking tubes, Belzona® 1111 used to ensure the tubes are flush with the surface before applying the Belzona 5811 system.

Belzona Facts

As max temp of water in the chiller was 40 deg.C, Belzona 5811 was selected considering the price point. By applying the protective coating at the factory the customer was able to prevent much of the damage caused by day to day operation of the equipment and

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

Belzona products are
manufactured under an ISO
9000 Registered Quality
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extend the life. The Belzona application saved the equipment from replacement. Initially the application was done only on 3 chiller units. Seeing the cost saving and life extension, the customer placed order for rest of the 7 old chillers and 8 new chillers.

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