New double Water box Traine chiller

ID: 9269

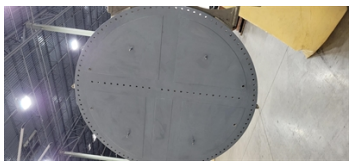
Industry:	*Buildings & Structures*	Customer Location:	*Dallas, Texas*
Application:	*HEX-Heat Exchangers*	Application Date:	*January 2024*
Substrate:	*Carbon steel*		
Products:	*Belzona 1121 (Super XL-Metal), Belzona 1321 (Ceramic S-Metal)*		

Problem

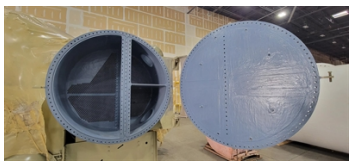
New chillers required protection before being put into service.



Overview of chiller



Application of Belzona 1121



Application of Belzona 1321



Application of Belzona 1321

Application Situation

These chillers was pre-coated to prevent erosion and corrosion while in service. It was decided to do this before installation of the chiller.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets HEX-1, HEX-2, and HEX-3. Belzona 1121 was use to seal all the seams before coating, Belzona 1321 was applied in two coats after Belzona 1121 was cured. The product was applied by hand. Corks were inserted before blasting then again before coating to protect the copper tubes. The water boxes were also coated.

Belzona Facts

The customer had a satisfactory history with Belzona on other chillers and requested Belzona be used. It was applied before the chiller was placed into service.

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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