Corroded End Tubes Updated

ID: 9511

Industry:	*Heating, Ventilation & Air Conditioning*	Customer Location:	*Toronto*
Application:	*HEX-Heat Exchangers*	Application Date:	*July 2024*
Substrate:	*Carbon steel*		
Products:	*Belzona 1121 (Super XL-Metal),Belzona 1321 (Ceramic S-Metal)*		

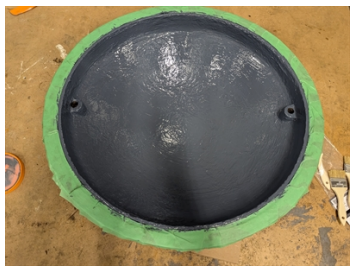
Problem

The chiller's end tubes were suffering from significant corrosion, with visible pitting and metal loss.

End tubes before product application

Metal resurfacing with Belzona 1121

Metal resurfacing completed



Belzona 1321 coating applied

Application Situation

The customer has a long-standing history of using Belzona products for tube sheet repairs and end cover protection across their facilities in North America. Their satisfaction with Belzona's performance made it the natural choice for addressing the corrosion and erosion issues.

Application Method

The substrate was grit blasted and properly cleaned. Belzona 1121 was used for filling and resurfacing the pits and metal loss. Then, two coats of Belzona 1321 were applied.

Belzona Facts

By opting for Belzona, the customer benefited from a proven, high-performance solution that minimized downtime and extended the life of their equipment. The reliable and durable nature of Belzona products also led to reduced maintenance costs over time, making it a cost-effective option for their ongoing operational needs.