BELZONA PROTECTS ELECTROLYTE RECIRCULATION TANKS

ID: 4933

Industry:	*Mining & Quarrying*	Customer Location:	*Copper Mine, Arizona*
Application:	*TCC-Tanks and Chemical Containment Areas*	Application Date:	*2011 - 2012*
Substrate:	*Stainless Steel*		
Products:	** Belzona 4341 (Magma CR4) ,*		

Problem

Electrolysis combined with chemical attack and metal fatigue were causing leaking at the weld seams of the tanks.









Photograph Descriptions

* Overview of the electrolyte recirculation tank ,
* Tank leaking and deteriorating the concrete containment area ,
* Interior tank walls prior to coating ,
* Interior tank walls following Belzona 4341 application ,

Application Situation

Copper sulfate (electrolyte) storage tanks experiencing leakage due to sulfuric acid attack at 120 °F.

Application Method

The application has been completed in two tanks in accordance with Belzona Know-How System Leaflet TCC-3. The first one was

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carried out with paint brushes & rollers, and the second one was installed with spray application.

Belzona Facts

The tanks had been experiencing leakage for years with the subsequent loss of product/copper sulfate as well as the extreme damages which were taking place on the concrete containment area surrounding the tanks.

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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