Belzona Saves the Salt Injections

ID: 10416

Industry:	*Mining & Quarrying*	Customer Location:	*Breaux Bridge Louisiana*
Application:	*FBC-Fans, Blowers and Compressors*	Application Date:	*September 2026*
Substrate:	*Carbon steel*		
Products:	*Belzona 1212*		

Problem

The injector had developed a hole in the body of the injector. The maintenance team had tried several products and even used silicone to patch get them through until a down day. The manufacture of the injector was at least 10 weeks out from providing a new injector. That's when the plant gave me a call to see Belzona could at least by them some time.



The salt injector with silicone on it just to by them some time.



Picture of the salt injector during MBX bristle blast preparation



Picture of the salt injector with the plate being bonded down with Belzona 1212.



Picture of the salt injector after the cold plate bond repair was completed

Application Situation

The salt injector manufacturer would have taken at least ten weeks to supply a new salt injector and would've shut the plant down. The plant had tried all kinds of other temporary repairs to no avail. Belzona cost was around $3,500 with labor and Belzona products. Saving the company down time and thousands of dollars.

Application Method

Prepped surface with MBX Bristle blaster to an angular profile, bristle blasted the plate made with the same bend of injector. Used short bristle brush to scrub in Belzona 1212 to plate and surface. Held plate on with ratchet strap until cured enough to top coat with Belzona 1212.

Belzona Facts

Welding was an option at a cost of $14,000. Replacement of Salt Injector was ten week out. Belzona repair was made in less than four hours saving the company $10,000 and no more down time and the stress of worrying about a temporary repair blowing off.

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

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