

BELZONA SAVES PLANT \$400,000 PER WEEK

CUSTOMER

Mineral Processing Plant in South Texas

APPLICATION DATE

Nov/Dec 2006

APPLICATION SITUATION

The steel ductwork had become corroded from salt water spray and NAOH mist. Vibrations from operations caused sections to become disbonded from the framework.

PROBLEM

Air intrusion into ductwork seriously affected plant efficiency

PRODUCTS

Belzona® 1111 (Super Metal)

Belzona® 1121 (Super XL Metal)

Belzona® 5851 (HA-Barrier)

SUBSTRATE

Steel

APPLICATION METHOD

Application carried out in accordance with Belzona Know-How System Leaflet TCC-5. Belzona® 1111 and 1121 were used to bond loose metal to framework when system was out of service and cool. System was then brought up to operating temperature and Belzona® 5851 was used to coat the repaired areas and the entire surface to prevent further corrosion.

BELZONA FACTS

Approximately \$35,000 in Belzona products were used to save over \$400,000 per week in lost production. Alternatives included replacing the metal sheets and frameworks. The Belzona® 5851 surface tolerant feature made this application feasible.

PICTURES

1. Ductwork before work commenced
2. Close up of framework showing loose connections
3. Another view of framework showing loose connections
4. Finished application



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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