

# BELZONA SAVES PLANT \$400,000 PER WEEK

ID: 831

Industry: *General Industry*  
Application: *TCC-Tanks and Chemical Containment Areas*

Customer Location: *Mineral Processing Plant in South Texas*  
Application Date: *Nov/Dec 2006*

Substrate: *Steel*  
Products: *\* Belzona® 1111 (Super Metal) ,  
\* Belzona® 1121 (Super XL Metal) ,  
\* Belzona® 5851 (HA-Barrier) ,*

## Problem

*Air intrusion into ductwork seriously affected plant efficiency*



## Photograph Descriptions

- \* Ductwork before work commenced ,
- \* Close up of framework showing loose connections ,
- \* Another view of framework showing loose connections ,
- \* Finished application ,

## 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.

## 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

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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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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.

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