

BELZONA SAVES PLANT \$400,000 PER WEEK

ID: 831

Industry: *General Industry*
Application: *TCC-Tanks and Chemical Containment Areas*
Substrate: *Steel*
Products: ** Belzona® 1111 (Super Metal) ,
* Belzona® 1121 (Super XL Metal) ,
* Belzona® 5851 (HA-Barrier) ,*

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

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

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

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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