

BELZONA ELECTRICAL CONDUITS MADE SAFE

ID: 68

Industry: Power

Application: GSS-Gaskets, Seals and Shims

Substrate: Galvanized metal and concrete

Products: * Belzona® 2111 (D&A Hi-Build) ,
* Belzona® 4111 (Magma Quartz) or Belzona® 4131 (Magma Screed) ,
* Belzona® 3921 (GSC Conditioner) or Belzona® 6111 (Liquid Anode) ,

Customer Location: Coal Fired Power Plant in North Texas

Application Date: Ongoing since August, 1995

Problem

Sulfur in lignite (coal) combines with water (moisture) to form a weak sulfuric acid that corrodes the conduit.



Photograph Descriptions

- * Big bank of electrical conduit sealed with Belzona® 2111. ,
- * Another electrical conduit top dressed with Belzona® 4131. ,
- * Close-up view of conduit, also coated with Belzona® 3921 for corrosion protection. ,

Application Situation

Electrical conduit in demineralization, scrubber, pulverizer and crusher areas

Application Method

The application was carried out in accordance with a modified version of Belzona Know-How Leaflet GSS-4.

Belzona Facts

If the conduit corrodes, the high voltage electrical cables (4000-6000 volts) inside pose a severe safety issue during cleaning. The Belzona application saved hundreds of thousands of dollars as the alternative to this repair is to run new electrical cables.

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

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manufactured under an ISO
9000 Registered Quality
Management System.

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