

BELZONA ELECTRICAL CONDUITS MADE SAFE

CUSTOMER

Coal Fired Power Plant in North Texas

APPLICATION DATE

Ongoing since August, 1995

APPLICATION SITUATION

Electrical conduit in demineralization, scrubber, pulverizer and crusher areas

PROBLEM

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

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)

SUBSTRATE

Galvanized metal and concrete

APPLICATION METHOD

The application was carried out in accordance with a modified version of Belzona Know-How System 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 cable.

PICTURES

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



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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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