

BELZONA ELECTRICAL CONDUITS MADE SAFE

ID: 68



PROBLEM

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

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.

INDUSTRY

Power

LOCATION

Coal Fired Power Plant in North Texas

APPLICATION DATE

Ongoing since August, 1995

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

PHOTOS

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 khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

