

BELZONA 3211 (LAGSEAL) PREVENTS FUTURE UNDER INSULATION CORROSION

ID: 425



PROBLEM

The Electrostatic precipitators at this large cement manufacturer operate at 70kv and 200°C (392°F). As a consequence they are insulated to conserve heat energy. As usual the insulation is protected by the use of jointed steel sheeting which does not prevent moisture from penetrating the insulation layer. The result is under insulation corrosion made worse by the fact that the site is coastal and the atmosphere is salt-laden.

APPLICATION SITUATION

Electro-static precipitators

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-4.

BELZONA FACTS

The insulation cladding is completely sealed with the Belzona® 3211(Lagseal) System. The entire surface except over the pressure relief valves of two of the four precipitators were protected and sealed with Belzona in six days. Each precipitator was nearly 300 square meters in size.

INDUSTRY

General Industry

LOCATION

Cement manufacturer - Tunisia

APPLICATION DATE

February 2004

PRODUCTS

Belzona 3211 (Lagseal)

SUBSTRATE

Steel

PHOTOS

1. View of precipitators
2. Work begins
3. View of precipitator's roof
4. Application complete

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

