

BELZONA® 3211 (LAGSEAL) PREVENTS FUTURE UNDER INSULATION CORROSION

CUSTOMER

Cement manufacturer - Tunisia

APPLICATION DATE

February 2004

APPLICATION SITUATION

Electro-static precipitators.

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.

PRODUCTS

Belzona® 3211 (Lagseal)

SUBSTRATE

Steel

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.

PICTURES

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



1.



2.



3.



4.

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

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