

WORLDS LARGEST PHOSPHORIC ACID PLANT USES COST EFFECTIVE BELZONA SOLUTION

ID: 1629



PROBLEM

Standard Epoxy paints were peeling off within 6-8 months and outside of storage tanks get heavily corroded , mainly on the bottom portion at a height of 2 metres from the foundations.

APPLICATION SITUATION

Storage Tank - Capacity - 2650 T / Day was suffering huge chemical and environmental corrosion due to fumes of Phosphoric and Sulphuric acid and coastal environment.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. Since rebuilding was not required Belzona® 4311 has been applied directly on the blasted surface after cleaning.

BELZONA FACTS

Customer could not find any long term solution except Belzona. Customer has saved huge cost of tank replacement

INDUSTRY

General Industry

LOCATION

Phosphoric acid plant, Orissa, India

APPLICATION DATE

December 2010

PRODUCTS

Belzona 4311 (Magma CR-1)

SUBSTRATE

Mild Steel

PHOTOS

1. Deterioration of existing coating on Phosphoric acid storage tank clearly evident
2. Surface preparation done by grit blasting
3. Application of Belzona 4311
4. Finished application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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