

# WORLD'S LARGEST PHOSPHORIC ACID PLANT USES COST EFFECTIVE BELZONA SOLUTION

ID: 1629

Industry: General Industry  
Application: TCC-Tanks and Chemical Containment Areas  
Substrate: Mild Steel  
Products: \* Belzona® 4311 (Magma CR-1),

Customer Location: Phosphoric acid plant, Orissa, India  
Application Date: December 2010

## 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.



## Photograph Descriptions

- \* Deterioration of existing coating on Phosphoric acid storage tank clearly evident ,
- \* Surface preparation done by grit blasting ,
- \* Application of Belzona® 4311 ,
- \* Finished application ,

## 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

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

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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**BELZONA®**  
Repair • Protect • Improve

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

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