

Rizhao Pulp & Paper Mill

Case study 2009

Focus product: Ceilcote[®]

Location: China

Project owner: APRIL's Shangdong arm and
APRIL SSYMB Pulp and Paper

Applicator: Longhai Corrosion Control Company

Fabricator: Jizhou Zhongyi

ISO12944 environment: C4

Project size: 240,000 liters

Background

The Rizhao Pulp Mill planned an extension to increase the annual production capacity of both pulp and paper. With such demanding processes, a very resistant coating was essential. Capacity requirements for the chlorine dioxide tanks exceeded the usual GRP construction method - they are actually the largest chlorine dioxide tanks in the world. Steel construction together with a suitable protective lining system was therefore required. Coating on structural steel is a speciality area of AkzoNobel and they were able to provide solutions for multiple areas of this project.

The solution

Ceilcote has an extensive track record in tank linings to protect against the most corrosive of environments, including organic and inorganic acids and chlorinated, aliphatic and aromatic solvents. It provides a long term solution and most importantly, peace of mind for the owner. Alongside an AkzoNobel system including the best selling polyurethane topcoat, Interthane[®] 990, APRIL SSYMB could be sure they were getting the best possible protection both internally and externally.

