

BELZONA PROTECTS DRUM THICKENERS AGAINST CORROSION

ID: 949



PROBLEM

The mechanical drum thickener casings at this plant had corroded in service from contact with Chlorides & Sulphates present in the wastewater sludge being processed.

APPLICATION SITUATION

Drum Thickener casing

APPLICATION METHOD

The application was carried out in accordance with Belzona System Leaflet TCC-5.

BELZONA FACTS

After grit blasting the units any pitting corrosion was filled with Belzona® 1111 followed by fully lining with two coats of Belzona® 5811. Following the successful completion of this set of Drum Thickeners, this company have since coated a second set using the same procedure.

INDUSTRY

Water / Wastewater

LOCATION

Wastewater Treatment Plant - UK

APPLICATION DATE

August 2007

PRODUCTS

Belzona 1111 Super-Metal

Belzona 5811 Immersion Grade

SUBSTRATE

Carbon Steel

PHOTOS

1. Original corroded condition
2. Blasted ready for repair & coating
3. Belzona 5811 first coat complete
4. Completed application

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