

BELZONA RESTORES FLOTATION UNIT AT BIOMASS PLANT

ID: 5470



PROBLEM

Severe pitting corrosion to the stainless steel unit caused by Ferric Chloride.

APPLICATION SITUATION

Dissolved Air Flotation (DAF) Unit in Biomass Plant

APPLICATION METHOD

The application was carried out in accordance with TCC-1 and TCC-3. Belzona 1111 was used to rebuild the pitting damage. In deeply pitted areas doubler plates were bonded into place. Afterwards the full tank was lined with Belzona 5892.

BELZONA FACTS

The application from start to finish including surface preparation lasted just 3 weeks. While the DAF was down the plant was running at 50% of its capacity therefore the quick turnaround time was very beneficial to the customer.

INDUSTRY

General Industry

LOCATION

Pharmaceutical Company, Ayrshire, UK

APPLICATION DATE

August 2014

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 5892

SUBSTRATE

Stainless Steel 304L

PHOTOS

1. DAF unit
2. Pitting Corrosion
3. Plate bonding
4. Completed Application

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

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