

BELZONA SEALS CARBON STEEL DIGESTER DOME

ID: 348



PROBLEM

This 80 foot diameter carbon steel digester dome was originally sealed with a tar pitch. The seal had broken down over the years and was leaking at several locations.

APPLICATION SITUATION

80 foot diameter carbon steel digester dome.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-12.

BELZONA FACTS

There have been no leaks since the completion of the job and Belzona was the only proposal that assured the longevity of the repair.

INDUSTRY

Water / Wastewater

LOCATION

Wastewater treatment plant, primary digester

APPLICATION DATE

November 2001

PRODUCTS

Belzona 2221 (MP fluid Elastomer)
Belzona 2911 (QD Conditioner)

SUBSTRATE

Concrete and carbon steel

PHOTOS

1. Three inches of original job excavated
2. Dome seal grit blasted and blown dry
3. Pouring of Belzona 2221 (MP fluid Elastomer)
4. 225 linear feet completed

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under an ISO 9001 Registered
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