

BELZONA REPAIRS A CONDENSER TANK IN A FREEZER ROOM

ID: 5207



PROBLEM

The customer had a leaking sump tank on the floor of a frozen food warehouse, creating hazardous conditions.

APPLICATION SITUATION

Sump tank leaking on engine room floor of a frozen food warehouse.

APPLICATION METHOD

The surface preparation was carried out by blast cleaning the lower 4 feet of the tank and floor. Corrosion holes and pittings were located mainly in weld seams areas. The holes were filled with Belzona 1111 and overcoated with Belzona 5811. The application was carried out in accordance with Belzona Know-How System Leaflet TCC-1.

BELZONA FACTS

The customer priced out the cost of purchasing a new tank with the associated piping and labor. The estimated delivery time for the tank would take months. Additionally, the cost would make the replacement a capital budget item, which required corporate approval. The frozen food warehouse operates 24/7, 365 days per year, with millions of dollars of inventory. The freezer's building could not be shut down. The Belzona repair was completed in 2 days during the coldest time of winter so "thawing" would not be an issue.

INDUSTRY

Food & Drink

LOCATION

New England, USA

APPLICATION DATE

January 2014

PRODUCTS

Belzona 1111 (Super Metal) Belzona 5811 (Immersion Grade)

SUBSTRATE

Steel

PHOTOS

1. Overview of the sump tank
2. Evidence of the leak
3. Weld seams and pittings filled with Belzona 1111
4. Overcoating with Belzona 5811

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