Know-How*in Action*

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BELZONA REPAIRS A CONDENSER TANK IN A FREEZER ROOM

CUSTOMER
New England, USA

APPLICATION DATE
January 2014

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

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

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

SUBSTRATE
Steel

APPLICATION METHOD
The surface preparation was carried out by blast cleaning the lower 4 feet of the tank and floor. Corrosion holes and pitting 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 associated piping and labor. The estimated delivery time for the tank was months off and the cost would make the replacement a capitol 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.

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

1.

2.

3.

4.

ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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