

Belzona Installs a New Drain Nozzle on a Phosphoric Acid Storage Tank

ID: 7908

Industry: General Industry

Customer Location: Fertilizer Manufacturer, North Carolina, USA

Application: TCC-Tanks and Chemical Containment Areas

Application Date: February 2019

Substrate: Fiberglass

Products: * Belzona 4301 (Magma CR1 Hi-Build) ,
* Belzona 9341 (Reinforcement Tape) ,

Problem

The drain nozzle broke off a tank that stores phosphoric acid.



Photograph Descriptions

- * 1. Broken off nozzle. ,
- * 2. Applying Belzona 4301 to the new nozzle ,
- * 3. The new nozzle inserted ,
- * 4. Complete application ,

Application Situation

Drain nozzle on a 54% phosphoric acid storage tank.

Application Method

A replacement nozzle and a flange were fabricated. Belzona 4301 was applied to the new nozzle and inside the old nozzle. A new nozzle was then inserted, and bolt holes were lined up. Belzona 9341 was used was applied around the joint area to secure it in place, and encapsulates with an additional coat of Belzona 4301.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

Belzona products are
manufactured under an ISO
9000 Registered Quality
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Belzona Facts

The replacement of the tank would have cost the Customer over \$30,000. They considered replacing as they believed that the tank had been ruined. After seeing the information about Belzona solutions and their capabilities, they decided to give Belzona a try. Belzona solution was a fraction of the replacement cost.

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