

BELZONA INSTALLS A NEW DRAIN NOZZLE ON A PHOSPHORIC ACID STORAGE TANK

ID: 7908



PROBLEM

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

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.

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.

INDUSTRY

General Industry

LOCATION

Fertilizer Manufacturer, North Carolina, USA

APPLICATION DATE

February 2019

PRODUCTS

Belzona 4301 (Magma CR1 Hi-Build)
Belzona 9341 (Reinforcement Tape)

SUBSTRATE

Fiberglass

PHOTOS

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

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

Copyright © 1952-2026 Belzona International Limited.

