

PROTECTION OF NEW VERTICAL PUMP FOR POTABLE WATER SERVICE

ID: 7733



PROBLEM

Long-lasting NSF approved system was required to protect the potable water pump from erosion-corrosion issue.

APPLICATION SITUATION

Pump lining application to protect a new build vertical pump to supply potable water for a local water district in Texas, USA.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet CEP-3, at the fabrication site of pump manufacturer in Japan. A suction bell and a discharge bowl were blasted and coated with NSF approved Belzona® 1341 internally. Blow holes found were filled with Belzona® 1111 to achieve smooth surfaces prior to the final coat of Belzona® 1341.

BELZONA FACTS

The application was carried out by a local contractor along with presence of an Official Inspector dispatched by the client (US Water District) as well as Belzona Corporate Supervisor. All the necessary requirements strictly met either the specification or Belzona standards. The application carried out was for the first unit out of 7 units in total, therefore 6 more units to be followed shortly.

INDUSTRY

Water / Wastewater

LOCATION

Pump Manufacturer, Japan

APPLICATION DATE

June 2018

PRODUCTS

Belzona 1111 (Super Metal) Belzona 1341 (Supermetalgilde)

SUBSTRATE

Grit Blasted Ductile Iron

PHOTOS

1. Application of 2nd coat on the Suction Bell
2. Spark testing the Suction Bell
3. Suction Bell completed
4. Discharge Bowl completed

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

