

PUMP BOWLS COATED WITH BELZONA 1391T

ID: 9751



PROBLEM

The customer was looking for a protective system against the effect of corrosion and erosion at high temperatures for the pump bowls.

APPLICATION SITUATION

The customer required solution that can protect the equipment for years to come against the corrosion and erosion effects over high temperatures up to 100 °C.

APPLICATION METHOD

- 1. Grit Blasting was done to achieve a near-white metal surface and a minimum 75 µm profile.
- 2. As per Belzona IFU, we applied a 2-coat system of Belzona 1391T, each of 450 µm thickness to reach a total DFT of 800-900 µm.

BELZONA FACTS

Belzona has proven records in Aramco and approved in one of the standards; it was chosen to protect the pump due to its long history and proven durability, ease of application and long term protections.

INDUSTRY

Oil & Gas

LOCATION

Eastern Province Saudi Arabia

APPLICATION DATE

January 2025

PRODUCTS

Belzona 1391T

SUBSTRATE

NAB Nickel Aluminum Bronze

PHOTOS

- 1. Pump bowl after blasting
- 2. First coat of Belzona 1391T
- 3. Second coat of Belzona 1391T on the pump discharge head
- 4. Complete application on the pump bowl