

Internal coating of Ejector After Condenser Vessel

ID: 10276

Industry: Oil & Gas
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Carbon steel
Products: Belzona 1511 (Super HT-Metal), Belzona 1593

Customer Location: South Africa
Application Date: April 2026

Problem

Due to signs of corrosion and pitting found on the internal surface of this high risk vessel, the client approached the distributor for advice on the protection of the vessel from further erosion/corrosion. Upon information received from the client, the following Belzona products were recommended. For rebuilding, Belzona 1511 (HT paste grade) and for corrosion/erosion Belzona protection Belzona 1593 was recommended. The application team completed the work in 4 days following the IFU specification. This directly contributed to extending the vessel's life expectancy.



Rebuilding vessel weld seams with Belzona 1511



Rebuilding weld seams with Belzona 1511



External view of vessel



Internal coating of vessel with Belzona 1593

Application Situation

Due to the urgency, Belzona saved major time and money compared to vessel replacement. The vessel was opened and inspected during the 2026 plant shutdown period. After inspection it was clear that the vessel required major repair attention and could not be put back into operation and service. Belzona was selected to repair and save the vessel.

Application Method

Belzona 1511 and 1593 was hand applied to IFU specification.

Belzona Facts

Belzona 1511 and 1593 repair system contributed to extending the vessel's life expectancy saving the customer time and money.

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

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