

BELZONA PROTECTS EVAPORATORS IN DISTILLATION UNIT

ID: 110



PROBLEM

Floor plate in No. 4 Distillation unit was showing considerable corrosion and weld repairs, including welding in of new plate sections had already been carried out previously.

APPLICATION SITUATION

The Evaporator units in SIDEM Distillation unit are constantly immersed up to 30cm (12 ins) at a temperature of 55-60°C. Regular washing is also carried out using 10-15% Sulphamic acid.

APPLICATION METHOD

Application was carried out in accordance with Belzona® Know-How Leaflet TCC-3. Extreme care was taken to ensure all salt contamination was removed and de-humidification equipment installed to prevent moisture contamination during application.

BELZONA FACTS

Recent inspection has shown Belzona® 1391 in perfect condition and customer can now look forward to many years service from the units without constant shut-downs for weld repairs. The other 5 units will also be coated shortly with Belzona® 1391.

INDUSTRY

Oil & Gas

LOCATION

National Oil Company

APPLICATION DATE

May 1996

PRODUCTS

Belzona 1391

SUBSTRATE

Stainless steel 317L

PHOTOS

1. General view of the 4 Distiller units.
2. Work underway inside the Evaporator. Note low temperature lighting used to minimise air temperature.
3. Belzona 1391 applied to base and 30cms up side of all steelwork in unit.

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.

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