

BELZONA EMERGENCY LEAK SEALING

ID: 567



PROBLEM

Bi-metallic corrosion between the tubes and the tube sheet had caused Freon leakage.

APPLICATION SITUATION

Tube sheet in nitrogen production unit working at 8 bar

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet HEX-3.

BELZONA FACTS

Beside the health factors, Belzona has saved about \$35,000 annually for refilling Freon due to leakage, only in three hours of work and \$340 for Belzona products. The repair was completed quickly and safely with out heat.

INDUSTRY

Oil & Gas

LOCATION

Oil refinery, Egypt

APPLICATION DATE

October 2003

PRODUCTS

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Carbon steel

PHOTOS

1. General view of the consumed Freon containers used to replenish leaks.
2. The tube sheet suffering from Freon leakage
3. Surface preparation by grit blasting
4. Belzona 1321 applied to stop the leakage

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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