

BELZONA SUPERWRAP II APPLIED ON A 58" FLARE LINE AT A PETROCHEMICAL PLANT IN SAUDI ARABIA

ID: 10072



PROBLEM

The 58" flare line had experienced significant wall-thickness loss, posing a serious risk to its structural integrity.

APPLICATION SITUATION

The 58" flare line had suffered significant wall-thickness loss, posing a risk to its structural integrity. To restore and reinforce the system, Belzona SuperWrap II was applied, providing a durable, long-term solution.

APPLICATION METHOD

Using Belzona 1983 (SuperWrap II) resin with Belzona 9381 carbon fiber reinforcement sheets, the repair restored the flare line's integrity and ensured a durable, long-term solution.

BELZONA FACTS

Using Belzona 1983 (SuperWrap II) resin in combination with Belzona 9381 carbon fiber reinforcement sheets, the repair successfully restored the flare line's integrity and provided a durable, long-term solution. This innovative application not only extended the service life of the flare line but also enabled the refinery to achieve significant cost savings and avoid an unplanned shutdown.

INDUSTRY

Chemical & Petrochemical

LOCATION

Rabigh, Saudi Arabia

APPLICATION DATE

November 2025

PRODUCTS

Belzona 1983 (SuperWrap II)
Belzona SuperWrap II

SUBSTRATE

Carbon steel

PHOTOS

1. A 58" flare line in a petrochemical plant had suffered significant wall-thickness loss, compromising its structural integrity.
2. General overview of the flare line structure.
3. Application of the Belzona SuperWrap II system in progress.
4. Completed application of Belzona SuperWrap II on the flare line.

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

