

Belzona SuperWrap II Applied on a 58" Flare Line at a Petrochemical Plant in Saudi Arabia

ID: 10072

Industry: Chemical & Petrochemical
Application: VPF-Valves, Pipes and Fittings

Substrate: Carbon steel

Products: Belzona 1983 (SuperWrap II), Belzona SuperWrap II

Customer Location: Rabigh, Saudi Arabia

Application Date: November 2025

Problem

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



A 58" flare line in a petrochemical plant had suffered significant wall-thickness loss, compromising its structural integrity.



General overview of the flare line structure.



Application of the Belzona SuperWrap II system in progress.



Completed application of Belzona SuperWrap II on the flare line.

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

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com


BELZONA
Repair • Protect • Improve

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.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015	Belzona products are
FS 695214	manufactured under an ISO
ISO 14001:2015	9000 Registered Quality
EMS 695213	Management System.

www.belzona.com

