

# BELZONA RAPID ELASTOMER REPAIR TO CHOKE AND KILL HOSE

ID: 400

Industry: Oil & Gas  
Application: GSS-Gaskets, Seals and Shims  
Substrate: Rubber lining  
Products: \* Belzona® 2311 (SR Elastomer) ,

Customer Location: Offshore Oil Company  
Application Date: February 2001

## Problem

Damage had been caused to the rubber on the sealing face of the male hose connector, due to contact with sharp metal edges on the female connector. As a result of this a satisfactory seal was not being obtained and the customer was faced with returning them to the manufacturer for refurbishment.



## Photograph Descriptions

- \* Damage to the rubber lining on the male connector. ,
- \* A new sealing face is produced using Belzona® 2311. ,
- \* The hose during pressure testing to 1300 bar. ,

## Application Situation

Choke and Kill hoses inject cement based materials under pressure to close off wells when necessary. Several hoses had been returned onshore for inspection and revealed damage to the sealing face.

## Application Method

The sealing face was manually prepared and the sealing face formed using an adaptation of Belzona Know-How System Leaflet GSS-1.

## Belzona Facts

As the customer was faced with returning the hoses to the manufacturer, the use of Belzona® 2311 resulted in a significant cost saving, as well as ensuring that the units were returned to service as quickly as possible. The Belzona® 2311 repair was subjected to pressure testing prior to the hoses being returned to service and was successfully completed at 1300 bar.

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

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9000 Registered Quality  
Management System.

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