



Summary

Industry:	Petrochemical
Application:	Reactor Vessel
Actual Saving:	£n/a
Payback Period:	n/a



RX Spiral Wound Gasket Reduces Blowouts

ERIKS Gasket solution increases uptime and reduces H&S risks

ISSUE

One of ERIKS customers, a polymer processing facility, was using a general duty non asbestos fibre gasket on a reactor vessel blow pipe.

Although the temperature was not excessive, it did suffer from an internal build up of styrene which reduced the output. The high pressure involved to pressure clean the inside of the blow pipe to remove the Styrene resulted in a gasket blowout, which then resulted in a shutdown.

SOLUTION

The customer required a better gasket solution and contacted ERIKS Gasket Technology, who advised that a spiral wound gasket would be the best option, as it offers high blowout resistance.

A stainless steel style CGI-ERIKS RX Spiral Wound Gasket was supplied. The customer has now replaced the gaskets on the reactor blow pipe applications to ensure protection from further blow outs.

The new SWG gaskets have decreased planned refurbishment from every 4 weeks to every 3 months, giving the site better working practice and reduced downtime.

OTHER BENEFITS

- Rapid supply of replacement SWG gaskets reduced unplanned downtime
- Eliminated all leaks
- Will prevent further shut down due to failures

FURTHER COMMENTS...

The customer has experienced no further leakage since the RX solution was installed. There is now no potential health and safety issues and the site now has better working practice on planned shutdowns.

MORE INFORMATION

ERIKS Industrial Services

Amber Way, Halesowen,
West Midlands B62 8WG

Tel: 0845 006 6000

Web: www.eriks.co.uk

know-how makes the difference