

Case study

Upgrading an existing Pressure Relief Valve



Cryogenic Pressure Relief Valve (PRV-c)



Industry - Oil & Gas

We serve the Oil and Gas industry with a wide variety of components designed to withstand the most extreme pressures and temperatures including applications such as sub-sea constructions yards, platforms and process plants.



Fluorocarbon can provide NORSOK M-710 approved materials.



The client was a major international valve manufacturer supplying safety critical valves into diverse markets. The focus was on upgrading an existing pressure relief valve which was originally designed for service temperatures of -50 deg C to +250 deg C.

The new requirements for the Pressure Relief Valve to operate within the temperature range of -162 deg C to +50 deg C.



The limiting factor was the temperature capabilities of the seat sealing material. For cryogenic applications, we frequently specify FL325 (PCTFE) which in this case was used whilst maintain the overall architecture of the original design.

Find out how Fluorocarbon can help your company improve efficiency and save money at www.fluorocarbon.co.uk email info@fluorocarbon.co.uk or call us on 0845 2505 100