

FAST, BESPOKE AND ON-TIME FOR WHEATSTONE PROJECT

■ THE PROBLEM

Replace competitor units that were not suitable for the application before client's shut-down.

■ THE APPLICATION

N2 and natural gas flare stack.

THE REQUIREMENTS

The proposed regulators had to be piston-sensed to eliminate any chance of rupture and control low pressures down to 1.5bar (20psi). The regulators also required exact face-to-face dimensions to ensure seamless installation to existing pipework.

THE RESPONSE

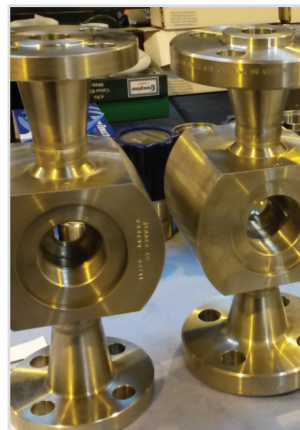
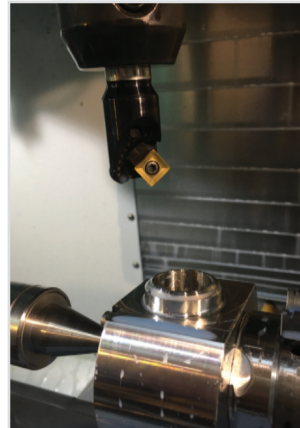
In eight short weeks Pressure Tech designed, approved, manufactured, tested and delivered a solution, passing all requirements from our client's technical authorities.

Based on the requirements of our client we modified our MF101 and HF301G regulators. The regulators were comprehensively tested under replicated site conditions, and witnessed by independent inspectors before dispatching.

We knew that delivery was critical and we crucially managed to achieve this before their shut-down.

THE ACHIEVEMENTS

- » Manufactured to be interchangeable with the competitor's regulators, preventing costly modification to existing pipework
- » Large sensitive piston element providing accurate and repeatable control whilst being able to withstand any over-pressurisation in unlikely event of seat failure
- » Close working relationship with our client's engineering team and suppliers



REGULATOR FEATURES

50bar (725psig) supply pressure

2bar (30psig) max outlet range

Flanged connections with x-ray & dye-pen testing

All 316SS machine wetted parts & spring enclosure

RAL coated external surface

Non-venting

Balanced main valve

Anti-tamper cover



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