

**K**oso Kent Introl Limited (KKI), is cementing its reputation as a global supplier of high-performance choke, control and rotary valves for challenging markets.

The company has just enjoyed one of its best ever years, with orders set to exceed budget. This is the result of a focus on strategic markets and the success of a frame agreement contract with one of Europe's leading oil and gas companies, based in Norway.

KKI has 35 years' experience of supplying valves to the Norwegian market and in that time has supplied more than 3,600 offshore and onshore products. The company has also been supplying its products to meet full Norsok quality specifications since 1996.

#### Global reputation for excellence

KKI has a worldwide reputation for the quality and integrity of its valves, as well as its unrivalled expertise in the valves market. The company has been extending its capabilities recently, delivering valves for challenging projects in all corners of the globe.

Since KKI fulfilled an original order in 2004 for the first phase of a major project in the Caspian region, operational challenges have emerged, including higher than anticipated pressures, sand contamination and variations in system use. KKI has responded quickly to the customer's urgent needs, supplying a wide variety of severe service valve solutions to overcome these challenges.

Successes for KKI in Asia Pacific markets have included the supply of compressor recycle valves to the Nam Con Son project in Vietnam, as well as specially designed offset surface choke valves for the North West Shelf of Australia. A range of choke and control valves has also been supplied to various FPSOs worldwide.

#### Products that perform

The variety of projects supplied by KKI worldwide over the past few years has given the company an opportunity to deliver valves from right across its product range, as well as develop new variations for

# No application too severe for KKI

**UK-BASED KOSO KENT INTROL IS TAKING ITS INNOVATIVE VALVE SOLUTIONS TO NEW MARKETS WORLDWIDE – RISING TO THE CHALLENGES OF THE MOST DEMANDING SERVICE APPLICATIONS IN THE ENERGY INDUSTRY, WRITES MANAGING DIRECTOR DENIS WESTCOTT**



**PICTURE CAPTIONS** Choke valve for North West Australia BELOW Severe service control valve KKI



specific applications. Demand for choke valves has soared in recent years, with KKI valves being supplied to an increasing number of global markets to fulfil a growing range of severe service duties.

Innovative trims are a crucial element in overcoming the operational conditions

encountered in many projects, with advanced designs being developed by KKI to handle a whole host of pressure, temperature and velocity situations.

Among its range of high-performance trims, KKI offers a multi-turn labyrinth trim design. This trim provides accurate control and long-life durability and has been specifically designed to prevent cavitation erosion, high vibration and noise for both compressive and non-compressive fluids.

KKI manufactures valves in a huge variety of materials to suit different service conditions. As well as carbon and stainless steels, valve bodies can be made from materials including titanium, incolloys, hastelloys, monels, aluminium bronze, duplex and superduplex stainless steels. Trims can be manufactured from the same range of materials, enhanced with coatings such as tungsten carbide, inconel and ceramics. They can also be plated and nitrided.

The result is a dazzling array of valve and trim options, enabling KKI to adapt its products to suit almost all service conditions encountered in oil and gas fields.

#### Ongoing service for lifetime performance

All KKI products are backed up by a lifetime aftermarket service for all maintenance and spare parts – ensuring every valve achieves optimum performance throughout its lifetime. All servicing work is delivered by a dedicated service team based in the UK, backed up by local engineers in many parts of the world.

Such a wealth of expertise and state-of-the-art manufacturing facilities ensure that the KKI valves are set to remain at the forefront of global choke and control valve technology for the foreseeable future. **ep**

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