

PumpAction..... Issue 25

Welcome to the 25th edition of Pump Action.

Happy New Year to all our customers. With the holiday break, we hope you are refreshed and looking forward to the challenges for 2006.

At Kelair's Christmas cruise on 16th December, General Manager Tony Sgro presented the 'Employee of the Year' award to Mario Moretti, Stores Supervisor. Voting is by staff ballot and Mario was the popular choice, being a dedicated employee who is always willing to help with a friendly manner.

In 2005 Kelair enjoyed continued growth in its Industrial Division, increasing market share in the majority of industries. Some of our major products had solid growth, such as Viking Gear pumps (42.5%) and HMD Sealless Magnetic Drive pumps (76.9%), whilst Sandpiper Air-Operated Double Diaphragm pumps enjoyed growth of 3%.



L to R: Tony Sgro and Mario Moretti

In the first quarter of this year, Kelair will be releasing new products from Pulsafeeder and Viking to ensure continued supply of innovative, quality products to the Australian marketplace. Further information will be available in upcoming issues of Pump Action.

Case Study

Kelair's Sterilobe pumps are flush with benefit of no contamination

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Kelair's Kral triple-screw pumps, the good oil at power station

2006 Product Catalogue

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CASE STUDY

Kelair's Sterilobe pumps are flush with benefit of no contamination

Kelair recently won the order (via a major engineering company), to supply a number of Johnson UK Sterilobe Hygienic Rotary Lobe pumps, the end user being Queensland Nickel plant in Townsville.

The Sterilobe pumps are transferring an organic solution where it is imperative contamination by atmosphere does not occur. Thus, a clean-design pump unit was required. The organic solution can also be explosive in nature and as such, Class 1 Zone1 Exd electric motors were fitted.

To ensure the pumped liquid would not escape to the atmosphere via the mechanical seal, Kelair's production team assembled a low-pressure flush arrangement with seal pot and associated pipework. The mechanical seal has silicon carbide faces, primary seal and carbon on silicon carbide for the secondary seal. The pump is also fitted with a spring-loaded pressure relief valve on the front cover of the pump to protect it from over-pressuring during a process upset.

The Sterilobe is a new design of hygienic rotary lobe pumps featuring front-loading, semi-balanced, DIN standard mechanical seals, a 316 stainless steel gearbox cover, and various rotor designs to suit every application.



• For further Johnson UK product information visit our website www.kelairpumps.com.au

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CASE STUDY

Kelair's Kral triple-screw pumps, the good oil at power station

Kelair was recently successful winning a tender to supply a complete fuel oil package to a major Australian power generation company. The fuel oil skid is bound for a coal-powered power station in New Caledonia.

The package includes two Kral models MF triple-screw pumps, two Viking external gear pumps, flowmeters, associated valves and pipework, all mounted on a common draining-type skid frame in accordance with Australian standards.

Kral triple-screw positive displacement pumps are the perfect choice for the pumping of diesel fuel oils, due to the tight clearances associated with the triple-screw technology which improve the performance delivery.

They are a compact close-coupled design and require very little space on the skid, and in this case come in a vertical mounted design.



The flow output is of a non-pulsing nature and provides a smooth delivery without pressure fluctuations or turbulence.

The Kral MF triple-screw range is capable of flows up to 440 l/min and pressures up to 40 bar and is suitable for thin liquids such as diesel fuel oil, to viscous heavy fuel oils.

• For further Kral product information visit our website www.kelairpumps.com.au