

# Valve World NEWS

## Critical valve delivery

ICARUS recently succeeded in delivering a series of 24 critical valves for the Northern Producer floating production facility within the strict lead time of 14 weeks. The valves make part of the Petrofac West Don and Don South West development project, two subsea developments tied back to the Northern Producer FPU via production, water-injection and gas lift pipelines. The field development is in Blocks 211/18a and 211/13 in the East of Shetland in the northern Northsea. The package of duplex valves included Through Conduit Gate valves 8" (2.6 Tons each), 2" and 1" and 2 x Swing check 8", all 2500# with hubbed ends. As well the package did include some double block & bleed ball valves 8" 300# RF and 6" 150# in carbon steel. Those last ones were needed more urgently and were manufactured within an impressive lead time of only 5 weeks. ICARUS SA is a Belgian company and profiles itself on the market as a fast track forged valve manufacturer offering tailor-made solutions, mainly for the oil & gas sector. Strengths are big size and high pressure valves. Especially Ball, through conduit and check valves.

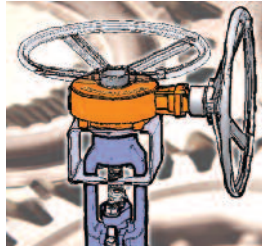


## Eaton Corp. buys Integ Holdings

The Eaton Corp. has bought Integ Holdings, the parent of Integrated Hydraulics, the UK manufacturer of screw-in cartridge valves, custom-engineered hydraulic valves and manifold systems. Terms of the deal have not been disclosed.

## Netherlocks add-on gearbox

Netherlocks B.V. has designed a direct-mounting, add-on gearbox to reduce torque for handwheel operated valves. The Nethergear unit fixes onto valves without modifying them in any way, and can be fitted on-site without taking the valve offline. The AISI 316 Nethergear unit is made of stainless steel and mounts directly onto the valve stem without altering the actual valve itself. The adaptor is based on an interlock design that can be fitted without stopping production, as the valve itself remains untouched. Once attached, the handwheel can be fitted onto the unit in one of two positions. One of these will provide the torque reduction benefits of the gear mechanism; the other lets it function as it would have originally.



## Weir Valves & Controls UK expands

Weir Valves & Controls UK Ltd part of Weir Power & Industrial has announced the appointment of two industry experts to its growing sales and marketing team. Andy Connell who has taken up the role of sales office manager will lead a team of internal sales engineers. Mr Connell and his team will provide an important link between the sales team across the world, including agents, and internal departments. He brings with him many years experience in the industry including 18 years at Dresser, 6 years at Tyco and a further 3 years at Laing O'Rourke as Operations Manager. Also joining the sales and marketing team as internal sales engineer, is Dave Berry, who previously worked for Lucas Control Systems for 10 years and more recently NSF Controls for 10 years. Mr Berry will have an important office based role providing support to the global sales team.

## Mubadala and Veolia Water JV

Mubadala Development Co. and Veolia Water have signed agreements to create a JV that will focus on water production and wastewater collection and treatment in the Middle East and North Africa region. This announcement follows a decision by Abu Dhabi business development and investment company, Mubadala and Veolia Water, the water and wastewater services subsidiary of Veolia Environnement, to work together on municipal concessions and public private partnerships. The company will be owned 51% by Veolia Water and 49% by Mubadala.

## SIPOS aids chlor-alkali industry

SIPOS 5 Flash actuators have been supplied to the Holford brine fields where INEOS Enterprises (Mid Cheshire, UK) extracts around 36,000m<sup>3</sup> of brine each day. Weak brine is pumped from wells to saturators. INEOS' brine and water business plays a pivotal role supporting the chemical industry in the North West of England providing brine for production of chlor-alkali products. The actuators are mounted on pump delivery recycle butterfly valves and normally open over 80 seconds, however, if a reverse flow is detected, the actuator closes the valve in just ten seconds to protect the pump. The ability of the SIPOS actuator to provide flexible control in both routine and emergency operation has been key to selection of the product for this application. SIPOS has supplied SIPOS 5 Flash, Profitron 2SG5 part-turn actuators to aid INEOS Enterprises' brine production process.



## Actuators for FPU

Rotork actuators will be installed on a new floating production unit (FPU) under construction for the Statoil Gjoa project in the North Sea. The semi-submersible vessel will operate in a water depth of 380m in the Norwegian North Sea area and will come on stream in 2010. Aker Solutions has been awarded the contract for the topside engineering and construction, which will be assembled on a hull constructed by Samsung Heavy Industries in South Korea and transported to Aker Stord, south of Bergen. To date, more than 100 Rotork IQ electric, CP pneumatic and RH and GH hydraulic actuators have been supplied to butterfly valve manufacturer Solent and Pratt for various applications on the vessel. Included in these, more than 80 RH rack and pinion hydraulic actuators will be used on ballasting butterfly valves in sizes 6in and 12in, manufactured in titanium and Super Duplex materials. These valves will be intermittently submerged at depths up to 45m during the operation of the vessel. This particularly arduous and critical duty demands special attention including the fitting of stainless steel IP68 Exi ATEX certified explosionproof switchboxes with position indicators, manufactured by K Controls. The valves, actuators and switchboxes are being packaged and tested at the Solent & Pratt factory in Bridport, UK.



## Omron Automation Catalogue

Omron Electronics LLC has released the 2008/09 Industrial Automation Product Catalogue for North America. The catalogue contains 800 pages with more than 4800 products, including hundreds of new items. The catalogue provides industrial automation products for sensing, motion and position control, production control, temperature control and a wide range of components for panel building.

This edition of Omron's catalogue features new lines geared to the needs of OEM machine builders. Training, application engineering support, repairs, field technical support and custom products are available in the US.

## Actuators for Iraq

Rotork actuators have accepted a project designed to provide an uninterrupted supply of water to the Iraqi province of Basrah and develop the infrastructure to improve the quality of life for the citizens. Included in the contract, IQ and AWT electric actuators have been ordered for gate valves and ball valves manufactured by JC Fábrica de Válvulas, SA for a new plant that will increase the treated water supply capacity to the province from 4000 to 16,000cum/hr. The project is funded by the US Army Corps of Engineers, who are investing USD 9.5 million to increase the capacity of pumping units at Qurmat Ali and install new chlorination systems. The contract was awarded to the Al Dayar United Co. for General Construction in January 2008 and is due for completion by the end of the year. The actuators on the project are locally supported by Rotork's UAE sales office in Abu Dhabi.



## New Wood Group ESP service facility

Wood Group ESP has opened a new service facility in Bogota, Colombia dedicated to the overhaul, assembly and testing of electric submersible pumps. The facility is the first of its kind for Wood Group in the country. The construction of this 35,000-plus sq/ft structure, which includes an assembly facility and administrative offices, began in February 2008. It is expected to decrease turn-around-time and provide additional service options for local clients, including equipment dismantling and failure analysis, new equipment assembly, spare parts inventory

management, surface pumping system assembly and repair, variable speed drive testing and repair, and power and cable repair. Clients will also have the option to inspect, repair and test units after they have been pulled from wells.

## Siemens Water Technologies appoints

Siemens Water Technologies, (Warrendale, Pennsylvania, USA) has named Matthew Knight Senior Vice President of Sales for a business unit of the Siemens Industry Solutions Division. Mr Knight will manage the global sales operations for Water Technologies, in support of the business unit's continued expansion into the global marketplace. Most recently, he was CEO of Strategic Diagnostics Inc., an antibody technology and in-vitro diagnostics company.

## Samson supplies conference centre

Samson Controls has helped to achieve energy savings at Excel, a London, UK exhibition centre. The centre has 90,000m<sup>2</sup> of events, conference and meeting space, as well as cafes and restaurants. A typical exhibition hall would cover about 6400m<sup>2</sup> and as a result of the flexible layout of the halls, adjacent halls can be easily joined together, with single halls of up to 3200m<sup>2</sup> possible. To help achieve the objectives, variable speed pumps for water circulation in the extensive heating and ventilation systems were utilised. To ensure that the water distribution worked as the designers intended it was important that Differential Pressure Regulators were installed as the primary balancing device. Samson Controls were approached and provided over 225 valves ranging in size from ½" series 45 valves, up to size 400mm series 2333 valves. The 400mm valves are some of the largest globe valves manufactured and were installed to handle flow rates as high as 375ltr/sec. The Samson valves enabled speedy commissioning of the water distribution network because each sub-circuit could be set independently of each other circuit, without the need to go back and adjust previously set circuits.