

## Valves for metal refinery

Burkert Fluid Control Systems has supplied Johnson Matthey with Profibus and AS-i compatible valves for one of the largest Profibus network systems in the UK. Matthey is one of the world's largest refiners of precious metals such as platinum, palladium, ruthenium and rhodium for use in high-purity applications in

the pharmaceutical, medical, electronics and other industries. The Burkert valves are used throughout the new control systems to supply feed liquors and reagents to many different processes. Many of the chemicals used are strong acids and alkalis, so the use of plastic valves is common.

## Tank farm project for Auma

Auma has successfully supplied 50 explosion proof actuators to one of the biggest gasoline tank farms in Poland based in Naftobazy, Warsaw. Having completed implementation and automation, modernisation on the farm has included the replacement of existing electric actuators. Auma products were used selected for the upgrade and the company's scope of supply included electrical interface adaptation and valve mounting kits. Auma actuators have been supplied with integral motor controls and open field bus technology using the Profibus DP protocol. This solution was installed as an alternative au-

tomation concept to using a Master-Station method. Profibus gives the advantage of allowing high transmission speed and offers the customer the benefits of using a non-proprietary open field-bus system.

Commenting on Auma's active support of open protocols, Auma Poland General Manager Robert Ludzien said: "Over the last ten years, Auma has gained extensive experience with open protocols in two-wire technology and digital field bus systems. This expertise placed us in a strong position to gain the Polish tank farm upgrade contract."

## Components available from stock

Some subcontractors extend the service they offer by not only producing components but also stocking them free of charge for just-in-time delivery. An example of this is contract machinist Holifields, working for Thames Cryogenics Ltd (TCL), a UK manufacturer of liquid nitrogen transfer, storage and control equipment. TCL's production director, Mark Evans: "Around three quarters of the parts, kits and sub-assemblies Holifields supplies are held on consignment at their premises. TCL staff monitors component levels in our factory and if we run short, Holifields can deliver most regularly used items the same day." The big advantage to TCL is that it can run a near-perfect, just-in-time method of manufac-

ture without having to tie up money carrying large stock levels. There are currently some 500 live part numbers at TCL, mostly stainless steel and brass.



Mark Evans, production director of TCL

## FCX works for Bruce power station

FCX has completed the supply of replacement bellows sealed globe valves for the reactor moderator systems at the Bruce B nuclear power station, and secured similar work on the numbers 7 and 8 reactors. FCX Newman Hattersley and FCX Thompson Valves worked together with Bruce Power Ltd on the project. They provided the re-

placement products in new materials specified by AECL for use in CANDU moderator systems. The valves were so critical to the outage programme that they had to be changed in advance of other activities on the refurbishment schedule. This required FCX to guarantee a timed delivery for the commencement of the first two planned outages.

## Colson move

Colson Industries Ltd has moved. Its new address is: Park Works, Park Rd, Elland, HX5 9HN, United Kingdom. Telephone and fax numbers remain unchanged.

### ADVERTISERS' INDEX

Apex Controls Co Ltd	71
American Petroleum Institute	15
Arca-Regler GmbH	57
Armaturen-Vertriebsgesellschaft Alms mbH	37
AUMA	3
Besser Valve Industrial Co Ltd	54
Böhler Hochdrucktechnik GmbH	45
Bueno Enterprise Co Ltd	64
Burcelik Valve Co	42
Bürgmann Dichtungswerke GmbH	14
Centork Valve Control	81
Cesare Bonetti SpA	54
China Jiangnan Valve Co	68
Colves Fluid Control Srl	53
Connexion Developments Ltd	42
Cooper Cameron Valves	35
Curtiss-Wright Flow Control	22
Di-Hen Corporation	68
Dynamic Controls Ltd	29
East China Valve Co Ltd	54
Eayuan Metal Industrial Co	63
EIM Company Inc	40
Emerson Process Management	100
FCX International	2
Gillson Enterprise Co Ltd	72
Gold Valve Industrial Co Ltd	75
Haitima Corporation	60
Hico Valve	68
Himon srl	58
Hyo Myoung Engineering Co	72
IAIFO sa	75
Inox-Tek Ind. Co Ltd	40
John-Valve Mfg Factory Co	60
Joong Ang Machinery Co	77
Kenda Industrial Corporation	82
Key Bellevilles Inc	11
Kingdom Precision Casting Co	58
Kitz Corporation of Europe SA	42
Larox Flowsys Oy	98
Mactenn Systems Ltd	57
MIRDC	46
Noxon Stainless BV	58
Paladon (Systems) Ltd	12
Parker Hannifin PLC	49
Richard Industries	75
Shanghai Karon Valves	82
Super Inox Corporation	78
Swagelok Co	30/31
The Forerunner Machinery Co	78
Transmark International	99
Valmate Industrial Corporation	53/78
Value Valves Co Ltd	72
VALVITALIA SpA	27
Velan Inc	4
Ventil Test Equipment	46
Virgo Engineers Ltd	63
Weatherford Gemoco	53
Wyeco Auto Valves Co Ltd	64
Xiamen Landee Industries Co	77
Yancheng H&M Pressure Valve Co	64
Young Tech Co Ltd	57
Zhejiang Fangzheng Valve Factory Co	71
Zipson Steel Industrial Co Ltd	71
Zoedale Plc	16