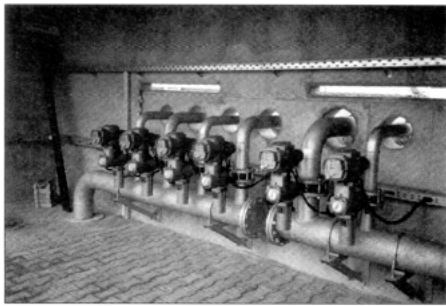


Tank farm project for Auma

Auma has supplied 50 explosion proof actuators to one of the biggest gasoline tank farms in Poland, based in Warsaw. The actuators have been supplied with integral motor controls and open Fieldbus technology using the Profibus DP protocol. Profibus gives the advantage of allowing high transmission speed and offers the opportunity of using a non-proprietary open field-bus system. Auma Poland General Manager Robert Ludzien: "Over the last ten years, Auma has gained extensive experience with open protocols in two-wire technology and digital Fieldbus systems. The benefits of open protocol architecture include guaranteed interchangeability, high transmission speed and the ability to operate other Profibus devices on the same Profibus line."



Circuits hear leaks

The Jet Propulsion Lab has developed very-large-scale integrated (VLSI) analog binaural signal-processing circuits for use in detecting and locating leaks that emit noise in the ultrasonic frequency range, including flowing and pumping sounds. Each circuit has the equivalent of a right and left cochlea. A pair of transducers, corresponding to right and left ears, provides the inputs, and correlation circuits determine the difference between the arrival times of a common leak sound. An inexpensive wireless temperature-monitoring system from Stennis Space Center includes units connected to thermocouples that are parts of a radio-communication network. The system monitors temperature at multiple locations, and can be adapted for monitoring slowly varying physical qualities that can be transduced by solid-state sensors. The system can comprise any number of transmitting sensors and a single receiving unit, which has a transceiver, a control module, a parallel data port, and an LED display.

Kitz DJ Series wins WRAS approval

Kitz Corporation has achieved approval by the UK Water Regulations Advisory Scheme for the use of Kitz ductile iron body DJ series butterfly valves on potable water applications. Having met the latest standards (BS 6920:2000) a range of EPDM lined butterfly valves with either nickel-plated or stainless steel discs are available for general purpose services and potable water use. The Kitz Wafer design can be coupled with BS 4504 PN10, PN 16 or BS 10 Table D & E in addition to ASME Class 125 & 150lb flanges. The lugged version is compatible with BS 4504 PN 16 flanges, ASME Class 150lb available on request. The current range spans from 50mm to 300mm. Larger sizes up to 600mm will be available later this year.

Third edition Fisher valve book

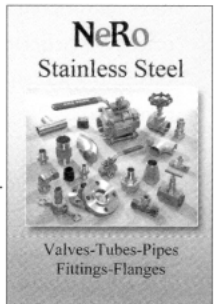
Emerson's third edition of the Fisher(R) "Control Valve Sourcebook" presents selection and application guidelines for valves used primarily in electric power generating systems. Containing 33% more pages than the previous edition, the new book provides expanded detail on critical valves used within conventional power plant systems, sliding pressure control applications, as well as in combined-cycle, cogen and simple cycle operations. New information is provided on control valve performance and diagnostics. Other chapter topics include control valve and actuator selection, sizing procedures for liquid as well as gas and steam, and steam conditioning valves. Insight is provided regarding valve materials and packing materials and systems, plus codes and piping-and-installation guidelines.

Velan wins TUV PED approval

Velan has earned PED approval from TUV, a necessity for supplying cast steel valves from Velan's Portugal manufacturing plant to the German market. Although Velan was among the first valve manufacturers to be awarded approval of compliance with European Directive 97/23/EC this approval is insufficient for Germany, where local regulations still prevail. In spite of the valves in question being dimensionally in accordance with API 600 and ASME B16.34, the German quality speci-

Stainless valves and fittings

NeRo, Oldbury, UK has published a 130-page catalogue showing a wide range of stainless steel valves, tubes, pipes and fittings. It contains technical information for engineers showing dimensions, pressure ratings, torque figures, weights and sizes. The range includes ball, gate, globe and check valves, with actuators to suit the ball valves. Fittings are shown from 1/8 to 6" in types such as compression, threaded, butt weld and socket weld with pressures up to 630bar.



Bear to provide more support

Sudmo has appointed Colin Bear as Commercial Manager for its UK operation. German-based Sudmo is part of the Dutch Norit Group and supplies hygienic valve applications to the UK. Bear previously held senior positions with Status Instruments and Siemens Milltronics. One of his key objectives is to ensure that Sudmo provides a more comprehensive sales and service support for its customers, especially within the brewing, food and beverage, pharmaceutical and dairy industries. Recent reorganisations within the UK office mean that Sudmo can use the on-site service expertise of its Norit colleagues, already established as a maintenance and service provider in the UK.