

SAFETY

bility to examine and eliminate conditions and circumstances that require employees to enter confined spaces. This can include training employees to perform their tasks properly and to recognize the risks of entering confined spaces. It also means instituting measures to rigidly control the authorization of confined-space entry and to ensure that safe working procedures are in place when confined space is part of the employee's task. If the work isn't routine, it means involving the appropriate level of authority in decision-making.

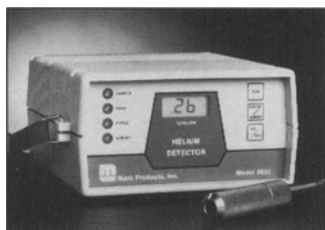
Finally, retraining and frequent review of safe working procedures for confined spaces are absolutely essential. As managers, we must review why entering confined space is necessary and search for ways that eliminate confined-space entry. Secondly, management must be satisfied that the task is not becoming so routine that subtle changes in procedures are allowed to creep in, overshadowing the reason confined-space entry procedures were established in the first place—that of employee safety.

Lastly, if something unforeseen

occurs and an employee is trapped in a confined space, management must be able to answer the following questions: How should rescue be made? Who should do it? What is the procedure?

Experience tells us that accidents resulting from confined-space entry, including those with deficient lockout programs, are leading causes of death within our industry and related businesses. Working in confined spaces is serious business.

NEW PRODUCTS



HELIUM DETECTOR

Marks Products' portable Model 9822 helium detector is designed for onsite use in closed, pressurized and vacuum piping systems. It has a sensitivity range of 0.01 to 100% helium. Features include a large LCD display, an extendible probe, 12-volt gel cell battery and battery charger. Contact: Mark Products Inc., 575 North Pastoria Ave., Sunnyvale, CA 94086.

GREASE

Accurate Chemical & Scientific Corp. offers a vacuum-resistant, chemically stable lubricating grease for ground joints, stopcocks and apparatus without dripping points. Glisseal is insoluble in water and low molecular mono- and polyhydric alcohols and is designed to have a constant lubricating consistency between -40 and $+250^{\circ}\text{C}$. It contains no silicon and is resistant to most acids, alkalis and gases. Contact: Accurate Chemical & Scientific Corp., 300 Shames Dr., Westbury, NY 11590.

KJELDAHL SYSTEM

CEM Corp. offers a high-speed, microwave Kjeldahl digestion system to measure protein levels in whey, milk, cheese and all types of liquid and dry dairy products. The CEM-Kjel-FAST is designed to complete sample digestion in six minutes. A built-in fume scrubber and programmed reactant addition are standard features. Contact: CEM Corp., PO Box 200, Matthews, NC 28106.

COLOURSCAN

The Tintometer Co. has introduced the Lovibond Colourscan, a computerized color measurement system for the analysis of liquid samples. The Colourscan measures color by transmission using the CIE color system. It accommodates a six-inch cell pathlength. Contact: The Tintometer Co., Busch Corporate Center, 309A McLaws Circle, Williamsburg, VA 23185.

HPLC PUMP STATION

The IBF pump processing unit 260, a microcomputer-controlled HPLC pump by IBF Biotechnics, provides preprogrammed control for flow rate regulation, gradient control, fraction collection, pump or valve injection, column switching, parameter assignment and detector remote control. The unit offers flow rates from one to 1,000 milliliter/minute

and can be equipped with one or two pump circuits that can be operated individually, in series or in combination. Contact: IBF Biotechnics, 8510 Corridor Rd., Savage, MD 20763.

TEMPERATURE CALIBRATOR

Jofra Inc. has released two new models—601 and 602—in its "600" series of dry block temperature calibrators. The units function in a range from ambient temperature to 1100°F , and allow calibration of RTD, thermocouples, filled bulbs, temperature switches and controllers without the use of sand or dangerous liquids. Contact: Jofra Inc., 67-55 Woodhaven Blvd., Rego Park, NY 11374.

SPECTROMETER

Thermo Jarrell Ash's AtomComp 81 spectrometer is designed to measure trace elements in parts-per-million levels. It is operated from an IBM System 2 microcomputer running ThermoSPEC software. The software includes Enable, an integrated word processor, database manager, spreadsheet, graphics and telecommunications package. Contact: Thermo Jarrell Ash Corp., 8E Forge Pkwy., PO Box 9101, Franklin, MA 02038-9101.