



Product Digest

this month's topic **Safety Equipment**

Comfortable Safety Eyewear Encourages Compliance



Part of the manufacturer's Temple Technology line, Parallax safety eyewear is designed for comfortable all-day wear. The enhanced comfort of these safety glasses encourages regular and continued use of protective eyewear. Discomfort from constant pressure behind the ears, common with other eyewear models, is alleviated by a rigid top-temple piece that provides stability and a lower-temple component that acts as a cushion. A single, large, wrap-around lens offers eye coverage from the front and side, while a brow guard protects against debris from above. The soft gel nosepiece helps to keep the glasses securely in place without sacrificing comfort. These glasses meet the American National Standard Institute (ANSI) Z87+ and the Canadian Standards Association (CSA) Z94.3 specifications.

Gateway Safety, Inc.

www.gatewaysafety.com

Temporary Manhole LED Lights Are Explosionproof

These Group B-approved temporary manhole-mount LED light fixtures are a convenient alternative to traditional string or tank lights. This explosion-proof solution provides 10,000 lumen, with a 60,000-hr rated lifespan and 80% lumen retention. The 16-in. light is attached to a 24-in. support plate that rests on the lip of the manway

opening, which allows the light to hang inside and illuminate the workspace. Operators working in storage tanks, railcars, and other confined locations where entry is through a 24-in. manhole opening will benefit from this compact design and LED technology.

Larson Electronics

www.larsonelectronics.com

Emergency Lights Use LED Technology



The XFFL tubular lighting series and XLF floodlight series are now available with LED technology that provides increased service life, energy efficiency, and vibration and shock resistance. Lights in the XFFL series have an operating life of more than 100,000 hr at 5,000 lm, while those in the XLF range have an operating life of 50,000 hr of narrow-beam output at 9,000 lm and wide-beam output at 7,000 lm. Both series are manufactured with low-copper, marine-grade aluminum castings, and are finished with offshore-grade paint.

Thomas & Betts Corp.

www.tnb.com

Escape Hood Automatically Adjusts to Fit

The PARAT escape hood is designed to be quickly and easily donned to protect the wearer from industrial and fire-related gases, vapors, and particles if an escape becomes necessary. Putting on the hood is simple and intuitive. The user just opens the case



containing the hood, and the hood is deployed automatically. The user only needs to place the hood over his or her head, and the internal head harness and elastic neck strap adjust to fit automatically. Because escape equipment is typically stored and carried more often than it is used, the hood packaging is designed with ergonomics, durability, and carrying comfort in mind. A hard case (IP54) and soft pack (IPS) are available. Versions are offered for escape from toxic industrial gasses, vapors, and particulates (Models 4900 and 7500), as well as fires, fire related gases, and hydrogen sulfide (Models 5500 and 7500).

Dräger

www.draeger.com

Vacuum Cups Reduce Material Handling Injuries

These round vacuum cups are designed to assist workers in handling round, oval, or other hard-to-grip objects, including those with smooth or textured surfaces, to reduce back and neck injuries. They are available in a variety of materials, including vinyl, urethane, rubber, silicone, oil-resistant vinyl, antistatic vinyl, and U.S. Food and Drug Administration (FDA)-approved materials. Size options range from 0.09 in. to 14.69 in. diameters.

Vi-Cas

www.vi-cas.com

Arm Sleeve Protects Against Cuts and Burns



Arm protection is vital in industries where sparks, hot equipment, and cuts are common workplace hazards. The KRG sleeve is a cut-resistant tube sleeve that provides American National Standard Institute (ANSI) Level 4 cut resistance and flame resistance. The reusable sleeve is made from a combination of Kevlar and other high-performance materials to provide comfort and protection. The two-layer tube design offers cut resistance, while reducing total cost of ownership because the sleeve is designed to withstand numerous launderings. It is available in multiple sizes, with or without a thumb hole.

Wells Lamont Industrial
www.wellslamontindustrial.com

Transmitter Is Designed for Safety Instrumented Systems

Certified as a Safety Integrity Level (SIL)-2 device, the One Series transmitter provides safer and more affordable performance than a process transmitter that has been adapted for a safety application. The design produces fewer nuisance trips, which improves productivity. Features include an internal high-speed safety relay for fast emergency shutdown, a

large digital display, and fully programmable solid-state relays. It has configurable self-diagnostics and achieves a safe failure fraction of 98.5%. Versions are available that monitor temperature and pressure.

United Electric Controls
www.ueonline.com

Gloves Provide Protection in a Variety of Applications

A comprehensive line of disposable gloves is now available with latex, nitrile, and vinyl options to meet the needs of numerous applications. The natural rubber latex gloves are appropriate for harsh chemical handling, and provide protection in wet and dry work environments. The nitrile gloves have textured fingertips that enhance the wearer's dexterity and gripping ability. The blue nitrile gloves are suitable for laboratory use, while the thicker black nitrile gloves are best suited for industrial applications. The vinyl gloves are durable, economical, and intended for single use only.

Cintas
www.cintas.com

Noise Dosimeters Are Cable-Free



The CEL-35x Series of cable-free, shoulder-mounted noise dosimeters are designed to measure employee noise exposure throughout a workday. These compact and lightweight units

replace cumbersome cable-mounted microphones, yet retain all the necessary features, including an LCD data display, onboard control keys, multiple metric capture, and secure data storage. Attached to a shirt, overall, or hardhat, the dosimeter captures a time history for every noise event in the range of 65 to 140 dB, including average noise level and peak value. It is useful for determining areas of danger, as well as assuring compliance with national and international regulatory compliance protocols.

Casella CEL, Inc.
www.casellausa.com

Earplug Design Enhances Comfort and Protection



The FirmFit earplugs offer a softer, more comfortable fit and better noise protection than many classic-style foam earplugs. The design is more comfortable than older foam models, because it exerts 29% less pressure on the ear canal and is 40% softer. The new plugs are designed for individuals who prefer a firmer fit in order to feel the earplugs in their ears, and for those who are accustomed to cylindrical and barrel-shaped earplugs. Enhanced comfort encourages increased compliance and more effective protection of employees.

Honeywell
www.honeywell.com