

New CSA Standard Improves Worker Safety

The Canadian Standards Association (CSA) exists to produce standards that help to protect Canadians from hazards in almost every aspect of daily living. Recently, a new standard for personal protective equipment was developed by CSA with the support of many Canadian employer/labour users, producers, special

interest groups, and regulators. The CSA Z96-02 addresses high visibility safety apparel, an area where consistency in Canadian regulations and standards was necessary. Every jurisdiction in Canada had different criteria for highly visible safety clothing, says David Lucas, Senior Regulatory Affairs & Technical Service Rep, 3M Personal Safety Products (Chair of the CSA Technical Committee). In 1999, a standard on the same subject, ANSI/ISEA 107, was published in



the United States. The CSA determined that a broader standard would be necessary in Canada,

covering a wider range of occupational applications. The goal was to produce a minimum uniform standard (in harmony with the United States and European models), that would be appropriate for Canada. The

standard couldn't be arriving soon enough. Three out of every 100

Canadian occupational fatalities in 1998 were pedestrian workers hit by vehicles or mobile equipment. This is the 9th most common type of occupational fatality according to the **WCB of Canada - 1998.**

Three out of every one hundred Canadian occupational fatalities in 1998 were pedestrian workers hit by vehicles or mobile equipment.

CSA Z96-02 High Visibility Safety Apparel Garment Classes and Illustrations

The standard lists three classes of high visibility clothing and three levels of retroreflective trim to improve conspicuity under all light conditions. Compliance with the standard will be mandatory where specified by government authorities. The result is enhanced worker safety.

Class 1 Apparel consists of a basic harness or stripes/bands over the shoulder(s) and encircling the waist. The center portion of the front torso band between the two vertical bands is optional.



Class 2 Apparel has full coverage of the upper torso (front, back, sides, and over the shoulders). Stripes/bands shall be composed of retroreflective or combined performance materials.



Class 3 Apparel meets the same requirements as Class 2 with the addition of bands encircling both arms and both legs. These bands shall be composed of combined performance stripes/bands or a combination of retroreflective and background material.



3M™ Scotchlite™ Reflective Material Contest Winners

When determining the importance of reflective material for individuals in the workplace, just ask those workers in the trenches which brand they prefer. At United Rentals Trench Safety of Langley, B.C., they'll tell you unequivocally, 3M™ Scotchlite™ Reflective Material is beyond comparison. In a recent contest asking for a description of High Visibility programs, Dar Franklin, Division

Manager, Western Canada, United Rentals Trench Safety, extolled the virtues of the 3M material. His description won first prize — a \$300 travel voucher.



Dar Franklin wearing a custom designed BC-WCB compliant vest.

3M Scotchlite is far superior to all other types of reflective material that we have used to date, Franklin says. Even at dusk it is highly visible. Franklin relates the story of a worker who wasn't wearing a vest with Scotchlite material being hit by a truck. He was nearly killed.

Franklin believes the Scotchlite reflective material offers better visibility and is more durable over all — with the added benefit of looking really good.

United Rentals Trench Safety is the largest Trench shoring and underground utilities supplier in North America. They use the Scotchlite reflective material on custom designed field vests for trench safety personnel.

Second Place went to Doug Young, a supervisor at Newfoundland and Labrador Hydro. They are in the process of purchasing fire retardant clothing in accordance with the new CSA standard.

Third Place was awarded to Jody Volts at Slocan Forest Products in Vanderhoof, B.C. Slocan commented that using high visibility vests with Scotchlite reflective material has resulted in many comments from forklift operators that they are able to see foot traffic in their areas much easier.

Congratulations to all!

Don't go to work without us.

3M™ Scotchlite™ Reflective Material products offer a wealth of benefits including:

- High brightness in low-light and night time viewing situations.
- Excellent wash performance and durability.
- A wide range of visibility-enhancing products for use on safety vests and all-season apparel.
- Innovative products backed by the technical strength and services of 3M.
- Meets the current CSA Z96-02 standard.

Does the retroreflective trim on your garments comply with the regulatory authority in your area? Not all retroreflective trims do. Call us and we can let you know.

For more information contact 3M at 1-800-265-1840 ext. 6236
www.3M.com/ca/besaferbeseen

3M

Personal Safety Products Department
Occupational Health and
Environmental Safety Division

3M Canada
P.O. Box 5757
London, Ontario, Canada
N6A 4T1

Look for us at these upcoming trade shows

January

Manitoba Safety Council's 2004 Occupational Health and Safety Conference

January 19 - 20, 2004

Winnipeg, Manitoba

ATSSA'S 34th Annual Convention and Traffic Expo

January 30 - February 3, 2004

San Antonio, Texas

February

Saskatchewan Industrial Safety Seminar

February 2 - 4, 2004

Saskatoon, Saskatchewan

April

Health and Safety 2004, IAPA Conference and Trade Show

April 26 - 28, 2004

Toronto, Ontario

Petroleum Industry Annual Safety Seminar

April 27 - 30, 2004

Banff, Alberta