

3M Be Safer Be Seen!

The publication that highlights relevant safety issues and offers industry insight and solutions.

Manitoba Hydro Makes Being Seen a Priority

Working in traffic or other high-risk areas can leave workers feeling vulnerable unless they know they have the proper protection – unless they are confident that they can be seen. This was a crucial consideration for Manitoba Hydro two years ago as they sought out a means to ensure their workers would be seen and subsequently, would be safer.

Manitoba Hydro, headquartered in Winnipeg, is the fourth largest energy utility in Canada. They serve more than 400,000 electric customers throughout the province and almost 250,000 gas customers throughout southern Manitoba.

Workers are outfitted according to regulated safety precautions. A hazard assessment is done prior to any work project and clothing is selected based on the level of risk. At times, this may mean multi-layering of clothing. To exceed the visibility requirements mandated by Manitoba Work Place Safety, all of the Utilities' coveralls are fitted with 3M™ Scotchlite™ Reflective Material. Specifically, Manitoba Hydro is using Scotchlite reflective material 8935 - 2 inch silver that is flame resistant and light soil industrial washable.

Using a retroreflective material that met the level 2



brightness requirements of the ANSI/ISEA 107-1999 compliance was essential for the utility. The coveralls, with the addition of the Scotchlite trims, are meeting the highest level of reflectivity and providing their workers with flame resistant clothing. “Of our more than 4,500 employees, likely 2,000 of these individuals would at some point wear these coveralls,” explains Glen Denhard, Corporate Safety Officer, Manitoba Hydro. “People tend to think that reflectivity is only required when working on or near roadways but it is necessary in any location where enhanced visibility will reduce risk. Much of the work performed by Manitoba Hydro includes off-road vehicles and the clothing provides enhanced worker safety through visibility where public roadway traffic is

not a concern. This could be in a substation, power plants or a farmer’s field at night,” he continues. “If there are vehicles nearby, then there is a risk and our people have to be seen.” Configuring the placement of the Scotchlite reflective material so that fall protection harnesses and pole climbing equipment did not cover reflective stripping was an important consideration. Viola Hoo, Technical Service Representative with 3M Personal Safety Products, worked with Manitoba Hydro to ensure the placement met and exceeded their needs.

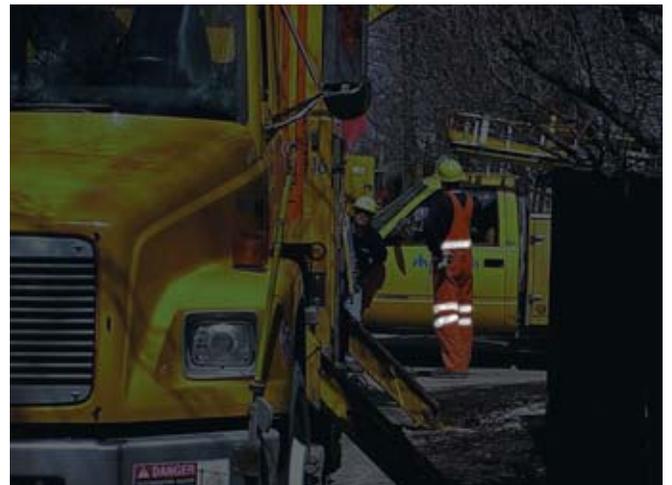
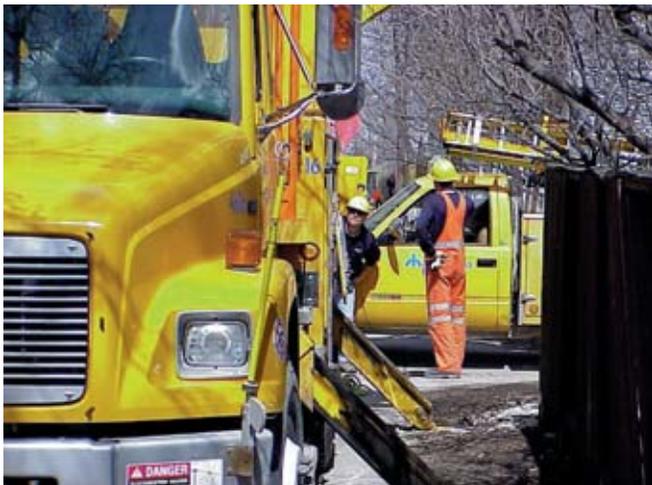
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Manitoba Hydro—Priority

The utility also issues navy blue jackets to workers required to wear a uniform. These jackets are fitted with 3M™ Scotchlite™ Reflective Material 8935 silver. Even though this is not a requirement on these garments, the silver reflective stripping was added to the arms to enhance employee visibili-

ty when not wearing coveralls. “We’re very happy with the visibility factor with these additions of Scotchlite reflective material to the garments, both the coveralls and the jackets. I have to say it works very well,” says Denhard.



CSA-Z96 High-Visibility Safety Apparel Project Status: Summary #4

June 2002

The Canadian Standards Association has continued to receive requests for information on the progress of our proposed CSA-Z96 Standard on High-Visibility Safety Apparel. In order to ensure that our members and other interested parties disseminate accurate information, we are releasing an updated summary of the project and its progress to date (Note; this summary supersedes the previous version dated March, 2002).

Two years ago CSA began a project to develop Canada's first national standard on High-Visibility Safety Apparel (work clothing), as part of its series on personal protection equipment standards for the workplace. This proposed new standard was given the designation: CSA-Z96. It was to be based on other existing national standards (e.g. ANSI/ISEA 107-1999 in the U.S. and EN 471-1994 in Europe), while incorporating criteria designed to meet specific safety needs in Canada. As part of the development process, 14 occupational sectors, numerous OH&S regulatory bodies, many product manufacturers, safety groups, and research institutions were involved in the Technical Committee charged with the task of writing the draft standard.

To date, the CSA-Z96 Technical Committee has held four 2-day meetings, formed Task Forces and Subcommittees, produced a "Consensus Draft", and made that draft document available for public review. After the public review period ended the draft standard was passed through CSA Quality Assurance and Pre-Approval Editing. The draft standard then received formal approval by the Technical Committee, through a letter ballot process. The approved draft standard is presently undergoing CSA Procedural Review and Final Editing before being published later this summer. It will finally be translated into French in preparation for submission to the Standards Council of Canada to become a National Standard of Canada.

Again, it should be noted that, at this point in time, no final version of the CSA-Z96 Standard has been published. The proposed standard is still only in a draft form and is still very much under development. As such, any claims of product compliance with CSA-Z96, at this stage, should be considered as premature and invalid. Similarly, any copies of early drafts should be discarded as incomplete and potentially misleading.

Please contact the CSA-Z96 Project Manager, Dave Shanahan, (dave.shanahan@csa.ca, or fax 416-747-2473) or the CSA-Z96 Technical Committee Chair, David Lucas (dslucas@mmm.com, or fax 519-452-6142) if you have any questions regarding the progress of this standard.

This Project Status Summary is approved by CSA for immediate distribution among our members and interested parties.



3M™ Scotchlite™ Reflective Material High Visibility Contest

Submit your company's story on high visibility using 3M™ Scotchlite™ Reflective Material and have a chance to win one of three prizes:

1 A \$300 travel voucher from Carlson Wagonlit and a SilverLining® Reflective Umbrella with 3M Scotchlite Reflective Material.



2 A 3M Designer Series Dispenser Kit with Scotch® Brand Tape, Post-it® Brand Notes and Post-it® Flags gift pack and a SilverLining® Reflective Umbrella with 3M Scotchlite Reflective Material.

3 A SilverLining® Reflective Umbrella with 3M Scotchlite Reflective Material and 3M Scotchlite Reflective Material Bands.



See back cover for full details.

Don't go to work without us

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

- High brightness in low-light and nighttime 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 ANSI/ISEA 107-99 standard.

Our products meet, or exceed current specification requirements for visibility and durability. Not all reflective trims do.

Call 3M for more details on how to meet the current specification requirements.



**Personal Safety Products Dept.
3M Safety and Security Systems Division**

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3M™ Scotchlite™ Reflective Material High Visibility Contest

Use the official entry form provided in this issue of *Be Safer, Be Seen* to enter the 3M™ Scotchlite™ Reflective Material high visibility contest. Simply submit your company's story on high visibility using Scotchlite reflective material for a chance to win. 3M will feature a selection of stories in upcoming issues of the newsletter.

Three submitters will be chosen to win one of the following prizes:

- A \$300 travel voucher from Carlson Wagonlit and a SilverLining® Reflective Umbrella with 3M Scotchlite Reflective Material.
- A 3M Designer Series Dispenser Kit with Scotch® Brand Tape, Post-it® Brand Notes and Post-it® Flags gift pack and a SilverLining® Reflective Umbrella with 3M Scotchlite Reflective Material.
- A SilverLining® Reflective Umbrella with 3M Scotchlite Reflective Material and 3M Scotchlite Reflective Material Bands.

Fill in the information on the entry form in point-form only. 3M will contact the chosen organizations for full details. The winners will be selected on the following criteria:

- The garment design (must incorporate 3M™ Scotchlite™ Reflective Material)
- The safety impact (reduced accidents, worker confidence, able to work at different hours, etc.)
- Why/what was the need for the hi-vis apparel
- If photographs are available / can be taken upon request.

Thank you for taking part in the 3M Scotchlite Reflective Material high visibility contest and good luck!

Contest Rules for 3M™ Scotchlite™ Reflective Material High Visibility Contest

Contest Rules and Regulations

* In order to win this contest, the selected entrant must first answer unaided, a time-limited skill testing question. Contest is subject to the following rules and regulations.

1) To enter this contest fill out an Official Entry Form (inserted in the Summer 2002 issue of *Be Safer, Be Seen* newsletter) and mail, fax or email it to Suzanne Jackson, 3M Canada Company, P.O. Box 5757, London, Ontario, N6A 4T1. All information in the Official Entry Form must be supplied for the entry to be eligible. No mechanical or hand-written reproductions of the Official Entry Form will be accepted. By submitting an Official Entry Form, each contestant agrees to abide by all rules and regulations of this contest. No purchase necessary.

2) The contest runs for seven weeks (7) beginning on August 12, 2002 and ending 11:59 (EDT) September 30, 2002.

3) Three prize(s) will be awarded consisting of: 1st place - a travel voucher from Carlson Wagonlit and a SilverLining Reflective Umbrella; 2nd place - a 3M Designer Series Dispenser Kit and a SilverLining Reflective Umbrella; 3rd place - a SilverLining Reflective Umbrella and Scotchlite™ Reflective Material Bands. The total estimated retail value of all prizes is \$500.00. The prize must be accepted as awarded. No substitutions, refunds, transfers, or cash equivalent payments will be allowed.

4) A selected winner will be chosen based on the following criteria: the garment design (must incorporate 3M™ Scotchlite™ Reflective Material), the safety impact (reduced accidents, worker confidence, able to work at different hours, etc.), why/what was the need for the hi-vis apparel, availability of photographs. The winner will be chosen by October 31, 2002 at the head office of 3M Canada Company from all eligible entries received. In order to win the prize, the selected entrant must first answer unaided a time-limited, mathematical question to be administered by 3M staff or a 3M representative at a pre-arranged, mutually convenient time and will be required to sign a declaration form confirming compliance with the contest rules accepting such prize as offered. The chance of being selected to answer the skill-testing question is dependent upon the total number of eligible entries received.

5) This contest is open to all residents of Canada who have reached the age of majority. Not eligible to participate in this contest are employees, representatives, and agents of 3M Canada Company. Also ineligible are members of the immediate family of, and persons who reside with such employees, representatives and agents.

6) The decision of the contest organizers with respect to all aspects of this contest are final.

7) Winners will be notified by mail or telephone. The winning name can be obtained by sending a written request to the address in rule #1.

8) No correspondence in regard to this contest will be entered into except with selected entrants. All entries become the property of 3M Canada Company and none will be returned. By entering this contest all entrants agree to the use and publication of their names, photographs and addresses in any advertising or publicity by 3M Canada Company or its advertising agencies, without compensation either during or after the contest.

9) 3M Canada Company will not be responsible for entries lost, misdirected or delayed for any reason whatsoever.

10) This contest is subject to all Federal, Provincial and Municipal laws and regulations. Quebec residence please note: All duties have been paid to the Regie de loteries et courses du Quebec. Any litigation respecting the contestant the awarding of the prize in this publicity contest may be submitted to the Regie des loteries et courses du Quebec.