

# Safety Lines

## **MNOSHA standards update: rules revisions, federal adoption**

By Shelly Techar, MNOSHA Management Analyst

The following revisions were proposed in the *State Register* Aug. 11, 2014, and adopted Sept. 29, 2014. No comments were received during the 30-day comment period.

### **Minnesota Rules revisions**

**Minnesota Rules 5205.0110 Indoor workroom ventilation and temperature** – Updated to: define indoor for purposes of this rule; clarify the scope of indoor coverage to be places of employment as defined in statute; and update work activity to light, moderate and heavy in subpart 3 so it is consistent with the table in subpart 2. The amendment also removes the upper limit of 500 kilocalories an hour for heavy work.



**Minnesota Rules 5205.0116 Carbon monoxide monitoring** – Updated to: clarify that the permissible exposure limit for carbon monoxide in Minnesota workplaces is 35 parts per million as an eight-hour time-weighted average and 200 parts per million as a five-minute ceiling limit.

### **Federal adoption by reference**

**Electric power generation, transmission and distribution; electrical protective equipment; final rule** – On April 11, 2014, the Occupational Safety and Health Administration (OSHA) published in the *Federal Register* the final rule to improve workplace safety and health for workers performing electric power generation, transmission and distribution work.

The final rule revised OSHA's 40-year-old construction standard for electric power line work to make it more consistent with the corresponding general industry standard and also make some revisions to the construction and general industry requirements. In addition, the standards adopted revised approach-distance requirements and added new requirements to protect workers from electric arcs. General industry and construction standards for electrical protective equipment were also revised under the final rule.

The rule became effective at the federal level July 10, 2014, and federal OSHA adopted delayed compliance deadlines for certain requirements. Additional information is available at [www.osha.gov](http://www.osha.gov).

### **For more information**

Both the proposal notice and adoption notice can be accessed on the Minnesota's Bookstore website at [www.comm.media.state.mn.us/bookstore/mnbookstore.asp](http://www.comm.media.state.mn.us/bookstore/mnbookstore.asp).

Copies of the proposal notice were sent to individuals on the Minnesota OSHA standards mailing list. To be added to the mailing list for notification of future Minnesota OSHA standard activity or other agency rulemaking, visit [www.dli.mn.gov/Rulemaking.asp](http://www.dli.mn.gov/Rulemaking.asp) and subscribe.



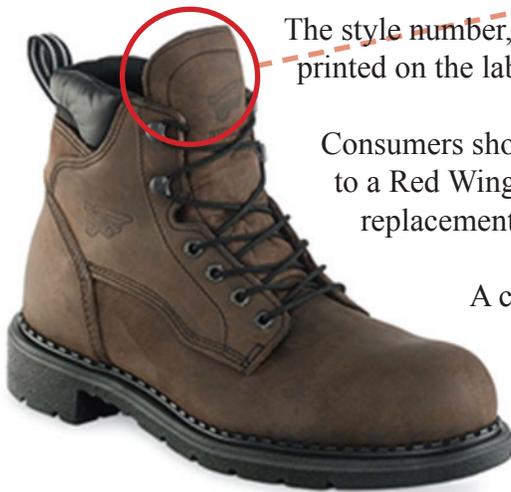
## Safety shoe recalls

### *Red Wing Shoes, Rocky Brands/Georgia Boot involved*

Two shoe manufacturers have recalled models of steel-toed safety footwear due to a possible compression hazard involving the steel toe-cap. Consumers are advised to stop wearing the recalled footwear immediately and return them to the manufacturer for a free replacement pair.

#### Red Wing Shoes

Red Wing Shoes has recalled 45 styles of its men's steel-toed workboots in sizes 11 to 18 and widths from B to H, depending on the size and style. The safety boots, sold from December 2012 to November 2013, may not withstand impact. The boots were sold in brown, black and maroon leather, with ankle heights of 6, 8, 10 and 11 inches.



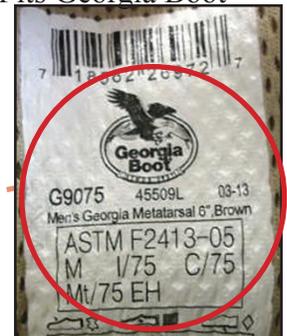
The style number, date code and “Red Wing Shoes” are printed on the label inside the boot’s tongue.

Consumers should stop wearing the recalled boots immediately and return them to a Red Wing store or dealer, or contact Red Wing Shoes, for a free replacement pair of boots.

A complete list of style numbers and sizes affected is online at [www.redwingshoes.com/safetynotice](http://www.redwingshoes.com/safetynotice).

#### Rocky Brands/Georgia Boot

Rocky Brands has recalled 6,800 pairs of its Georgia Boot brand steel-toed shoes. The recalled shoes are six-inch tall, brown leather, steel-toed shoes with dark brown padding at the ankles. On the outward side, the boots have a tag with “Met-Guard” at the stitching and the Georgia Boot logo near the heel.



A white label on the inside of the tongue of the recalled boots has the Georgia Boot logo, the product number “G9075” on the left side, a date code between 01-12 and 10-13 (month and year) on the right side and the words “Men’s Georgia Metatarsal 6 Brown.” These boots were sold through various shoe stores, Lehigh Outfitters traveling ShoeMobiles and online.



Consumers should stop wearing the recalled shoes immediately and contact Rocky Brands for a free pair of replacement steel-toed shoes in a similar style.

For more information, visit the Consumer Products Safety Commission recall announcement at [www.cpsc.gov/en/Recalls/2014/Rocky-Brands-Recalls-Georgia-Boot-Steel-Toed-Shoes](http://www.cpsc.gov/en/Recalls/2014/Rocky-Brands-Recalls-Georgia-Boot-Steel-Toed-Shoes).

## Start 2015 off right: Recordkeeping training offered in January

The ability to maintain an accurate OSHA log of recordable work-related injuries and illnesses is an important skill that benefits employers, workers, safety professionals and government agencies. Recording the correct cases and accurately including the required information leads to higher quality injury and illness rates that enable employers to better understand their relation to the benchmark rates and help government agencies to properly direct resources.

Register now for an introductory-level training session about OSHA recordkeeping requirements on Thursday, Jan. 15, from 9 to 11:30 a.m. at [www.dli.mn.gov/OSHA/Recordkeeping.asp](http://www.dli.mn.gov/OSHA/Recordkeeping.asp). This free review will be at the Minnesota Department of Labor and Industry (DLI) in St. Paul, Minnesota. Topics will include a review of the fundamental requirements of OSHA recordkeeping and will expose the most common OSHA log errors. If you have questions about the training session or about recordkeeping, call the DLI Research and Statistics unit at (651) 284-5025.

### Helpful recordkeeping series online

If you are already beyond the introductory level of recordkeeping but still have questions from time to time, refer to the Recordkeeping 101 and Recordkeeping 201 series online for answers – [www.dli.mn.gov/OSHA/Recordkeeping.asp](http://www.dli.mn.gov/OSHA/Recordkeeping.asp). These brief articles will take you from learning about classifying recorded injuries to knowing when to record injury recurrences and episodic illnesses.



## Online: MNOSHA annual report, federal review, state response

### Annual report

Minnesota OSHA's federal-fiscal-year 2013 "State OSHA Annual Report" (SOAR) is available online at [www.dli.mn.gov/OSHA/Reports.asp](http://www.dli.mn.gov/OSHA/Reports.asp).

### Federal OSHA review

Federal OSHA's federal-fiscal-year 2013 review of the Minnesota OSHA program is contained in its "FY 2013 Comprehensive Federal Annual Monitoring and Evaluation" (FAME) report and is available online at [www.osha.gov/dcsp/osp/efame/minnesota.html](http://www.osha.gov/dcsp/osp/efame/minnesota.html).

### Response to federal review

Department of Labor and Industry Commissioner Ken Peterson's response to the federal OSHA FAME report is also available online at [www.osha.gov/dcsp/osp/efame/minnesota.html](http://www.osha.gov/dcsp/osp/efame/minnesota.html).

A screenshot of the Minnesota Department of Labor &amp; Industry website. The page is titled "Minnesota OSHA Compliance -- Reports, strategic plan". It features a navigation menu with links for "About DLI", "Construction Codes and Licensing", "OSHA", "Wage and Hour", and "Workers' Compensation". The main content area is divided into sections: "Minnesota OSHA Compliance home", "Minnesota OSHA annual report", "Minnesota OSHA strategic plan", "Annual Minnesota Workplace Safety Report", and "Annual GRASSROOTS Workplace Protection publication". The page also includes a search bar and a footer with contact information.

# Online federal OSHA games can make safety, health learning fun

By Diane Amell, Training Officer

Looking for something to liven up safety training? You don't have to go much further than the federal OSHA website to find games to bring entertainment and education.

## **Hazard identification game**

The OSHA Hazard Identification Tool teaches players how to identify hazards in the workplace. In the beginning, the user has a choice of three scenarios: construction, manufacturing or OSHA visual inspection training.

### **Visual inspection**

The visual inspection module allows the gamer to choose between four different types of equipment. The player is able to rotate around the operator and piece of equipment a full 360 degrees. The gamer is also given a list of hazards. By talking with the operator, watching the equipment in operation and inspecting the machine, the player determines which of the hazards exist and checks them off. When the hazards are all checked off, the gamer is told whether the hazards identified were right or wrong and why.

### **Manufacturing**

In the manufacturing scenario, the gamer can play as either the employer or employee. As the employer, he or she has 20 weeks to keep their employees safe while maximizing their profit. By collecting written information, inspecting and observing the machine while it is operating, involving the workers and investigating incidents the player identifies the hazards and then selects those to fix based on injury severity, employee exposure and costs.

When playing as the worker, the gamer is part of a team that focuses on a set area of the plant each week and identifies hazards based on the same three actions.

### **Construction**

The construction module allows the player to pick a construction area, such as trenching or pouring

concrete, then select an employee to interview or a piece of equipment to reveal hazards and select the possible abatement actions. The objective again is to keep workers safe while maximizing profit.

Detailed instructions and a game manual complement the training tool. Access to the tool is located at [www.osha.gov/hazfinder](http://www.osha.gov/hazfinder).

## **Young worker games**

Federal OSHA also has games that are specifically targeted to help young workers understand the importance of safety and health on the job.

### **Restaurant worker safety**

The Young Worker Safety in Restaurants eTool features the Safety Puzzle Game, a puzzle graphic with pieces that involve a different subject, such as serving, food prep and drive-thru. The gamer clicks on a puzzle piece and a quiz pops up; when a quiz is successfully completed, a colored puzzle piece with a large check mark appears. When the game has been completed, an owl graphic pops up congratulating the worker and allowing the worker to print a certificate. The puzzle is online at [www.osha.gov/SLTC/youth/restaurant/quizzes.html](http://www.osha.gov/SLTC/youth/restaurant/quizzes.html).

### **Agricultural worker safety**

Another game directed at young employees is the Agricultural Matching Game. The player first sees the game board with a grid of 20 squares. By revealing the pieces two a time, the player looks for two squares that match. When a match is found, a quiz appears about a specific farm safety topic, such as tractors, falls and confined spaces. When the quiz is successfully completed, two parts of a larger picture appear. When the entire picture is revealed, the gamer can print a course completion certificate. The game is online at [www.osha.gov/SLTC/youth/agriculture/quiz.html](http://www.osha.gov/SLTC/youth/agriculture/quiz.html).

For more games focused on safety and health, see page eight of the [July 2011 edition of Safety Lines](#). (Note: Get Clobbered! The Scientist Safety Game is no longer available online.)

## 2013 workplace fatality statistics released; injury, illness rates soon

By Brian Zaidman, Research and Statistics

Statistics from the Census of Fatal Occupational Injuries (CFOI) are now available on the Department of Labor and Industry (DLI) and U.S. Department of Labor web sites. Minnesota 2013 CFOI tables are available [www.dli.mn.gov/RS/StatFatal.asp](http://www.dli.mn.gov/RS/StatFatal.asp). National fatality figures from the CFOI program are available at [www.bls.gov/iif/oshcfoi1.htm](http://www.bls.gov/iif/oshcfoi1.htm).

The 2013 estimated numbers and rates of nonfatal work-related injuries and illnesses by industry are scheduled to be released on Oct. 30. These will be followed by the scheduled release of the case and demographic statistics for cases with days away from work on Nov. 13. Minnesota statistics will be available at [www.dli.mn.gov/RS/StatWSH.asp](http://www.dli.mn.gov/RS/StatWSH.asp). The *Minnesota Workplace Safety Report, 2012*, which presents the 2012 fatality tables and nonfatal work-related injury and illness estimates, is available at [www.dli.mn.gov/RS/WorkplaceSafety.asp](http://www.dli.mn.gov/RS/WorkplaceSafety.asp).

### Fatality statistics

The CFOI program shows a preliminary total of 67 fatal work-injuries in Minnesota in 2013, a decrease of three cases from the final count of 70 fatal work-injuries in 2012. The 2013 total is above the average of 65 cases a year for 2008 through 2012. Final 2013 data from the CFOI program will be released in spring 2015.

The CFOI also provides the following statistics for Minnesota's workplace fatalities during 2013.

### Industries

- Trade, transportation and utilities recorded the highest number of worker fatalities, with 16 cases, an increase from 15 cases in 2012.
- Agriculture, forestry, fishing and hunting had the second-highest number of fatalities, with 15 cases, compared to 20 cases in 2012. Most of the fatalities were caused by either transportation incidents or contact with objects and equipment.
- Construction had the third-highest number of fatalities, with 12 cases, compared with 13 cases in 2012.

### Types of incidents

- Transportation incidents accounted for 32 fatalities, the most for any incident type. Eight of these fatalities occurred in the agriculture, forestry, fishing and hunting industry sector and 10 fatalities occurred in trade, transportation and utilities.
- Contact with objects and equipment was the second most frequent fatal work-injury event in 2013, with 12 fatalities. Most of these cases involved the worker being struck by an object or equipment.
- Eleven of the fatalities were due to falls, with five in construction.
- There were six fatalities resulting from violence in 2013, compared with 11 fatalities in 2012.

### Worker characteristics

- Men accounted for 63 of the 67 fatally injured workers in 2013.
- Workers age 55 and older accounted for 34 fatalities, with 10 of these fatalities in the agriculture, forestry, fishing and hunting industry sector.
- Self-employed workers accounted for 16 fatalities, including 12 fatalities to workers in agriculture, forestry, fishing and hunting and three in construction. There were 21 fatalities of self-employed workers in 2012.

**SOII sauce** Interesting findings from the Survey of Occupational Injuries and Illnesses  
**Large differences in injuries to workers 55 to 64, and to 64 and older**

By Brian Zaidman, Research and Statistics

Estimates from the 2012 Bureau of Labor Statistics’ Survey of Occupational Injuries and Illnesses show that workers age 65 and older suffered very different injuries compared with workers 55 to 64 years old.

There were an estimate 3,540 OSHA recordable cases with one or more days away from work among workers in the 55- to 64-year-old age group and 840 cases to workers age 65 and older.

As shown in the figure below, workers in the 55- to 64-year-old age group suffered more injuries involving musculoskeletal disorders of the back, shoulders and knees, while the injuries to workers age 65 and older were often the result of falls or being struck by objects and resulted in injuries to multiple body parts.

The older workers were away from work significantly longer, with a median of 27 days compared to nine days for workers in the 55- to 64-year-old age group.



**Comparison of selected worker and injury characteristics, cases with one or more days away from work, workers age 55 to 64 and 65 and older, Minnesota 2012**

Characteristic	Age group 55 to 64	Age group 64 and older
<b>Gender</b>		
Male	55%	64%
Female	45%	35%
<b>Median days away from work</b>	9	27
<b>Event or exposure</b>		
Fall on same level	27%	42%
Struck by object or equipment	7%	24%
Overexertion and bodily reaction	38%	15%
<b>Nature of injury or illness</b>		
Sprains, strains, tears	39%	20%
Bruises, contusions	7%	30%
<b>Part of body affected</b>		
Shoulders	20%	10%
Back	10%	2%
Knees	14%	5%
Multiple parts	13%	44%

# OSHA answers

## frequently asked questions

*As part of its continual effort to improve customer service and provide needed information to employers and employees, Minnesota OSHA (MNOSHA) Compliance answers the most frequently asked questions from the previous quarter.*

**Q.** I operate a warehouse that distributes barrels containing hazardous substances. Do I need to re-label the drums I have in stock to comply with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) under the Hazard Communication (HazCom) standard?

**A.** Currently, you can ship materials using labels that are compliant with either the HazCom or the Minnesota Employee Right-to-know standards. However, after Dec. 1, 2015, all labeling must meet the new 1910.1200(f) GHS requirements.

**Q.** Are farms covered under Minnesota OSHA regulations?

**A.** Agricultural operations are exempt from MNOSHA standards if they have 10 or fewer employees and no temporary labor camp, except for providing hazardous substance label information to employees and their representatives in Minnesota. Farms with more than 10 employees or with a temporary labor camp must comply with 29 CFR 1928 Occupational Safety and Health Standards for Agriculture, plus the following standards:

- 1910.111(a) through (b) Storage and handling of anhydrous ammonia;
- 1910.142 Temporary labor camps;
- 1910.145 Slow-moving vehicles;
- 1910.266 Logging operations;
- 1910.1027 Cadmium;
- 1910.1200 Hazard communication;
- 1910.1201 Retention of DOT markings, placards and labels; and
- Minnesota Rules 5206.1300 through .2000 Farming operations training plan.



Note: Enforcement of 1928.110 Field sanitation and 1910.142 Temporary labor camps has been transferred to the U.S. Department of Labor, Wage and Hour Division, in Minneapolis.

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**Q.** I've found some apps online that allow me to use my smartphone as a sound-level meter. How accurate are they?

**A.** The National Institute for Occupational Safety and Health (NIOSH) recently published a journal article evaluating various smartphone applications (apps) developed for this very purpose. Of 130 Apple iOS apps initially considered, only 10 met their selection criteria. Of those, only four were found that averaged 2 dB or less in difference from the reference noise levels during testing. A smartphone loaded with one of the four apps could be used as a screening tool by employees or employers to determine areas of potential noise overexposure. Out of 62 Google Android apps initially considered, none met their testing criteria.



Read the *NIOSH Science Blog* posting, “So how accurate are these smartphone sound measurement apps?,” at <http://blogs.cdc.gov/niosh-science-blog/2014/04/09/sound-apps>; and “Evaluation of smartphone sound measurement applications,” from *The Journal of the Acoustical Society of America*, at <http://scitation.aip.org/content/asa/journal/jasa/135/4/10.1121/1.4865269>.

**Do you have a question for Minnesota OSHA? To get an answer, call (651) 284-5050 or send an email message to [osha.compliance@state.mn.us](mailto:osha.compliance@state.mn.us). Your question may be featured here.**

## Experts available for speaking engagements

Department of Labor and Industry (DLI) staff members regularly speak to community, industry and school groups about issues that affect employees, employers and other DLI stakeholders.

As part of its outreach efforts to stakeholders, DLI's speakers bureau can provide interested parties with a knowledgeable speaker in an array of topics.

- Apprenticeship programs and opportunities
- Construction codes and licensing
- Occupational safety and health topics or free consultation assistance
- Wage and hour requirements
- Workers' compensation coverage, reporting and claims issues
- Workers' compensation dispute resolution
- Workers' compensation ombudsman services.



For more details or to place a request for a speaker, visit [www.dli.mn.gov/Speakers.asp](http://www.dli.mn.gov/Speakers.asp).

## Learning opportunities:

### Safe patient-handling; ergonomics

#### Principles of Safe Patient Handling and Mobility

This is an educational seminar presented by Håkan Skenhede and Amber Perez from Handicare, a leading safe-patient handling company. Skenhede works with clinicians worldwide to improve patient mobility. This interactive presentation will surely inspire, motivate and excite even the more experienced safety, therapy, ergonomics, nursing and SPHM professionals. Learn how to apply the principals that drive the techniques for SPHM.

- Date: Monday, Oct. 20
- Time: 8:30 a.m. to 4:30 p.m.
- Location: Minnesota Department of Labor and Industry, 443 Lafayette Road N., St. Paul, MN (Directions and parking information are online at [www.dli.mn.gov/Direct.asp](http://www.dli.mn.gov/Direct.asp).)
- **Register to attend** (required, space is limited): <https://secure.doli.state.mn.us/events>
- More information: View/print the flier at [www.dli.mn.gov/Wsc/Sph.asp](http://www.dli.mn.gov/Wsc/Sph.asp)

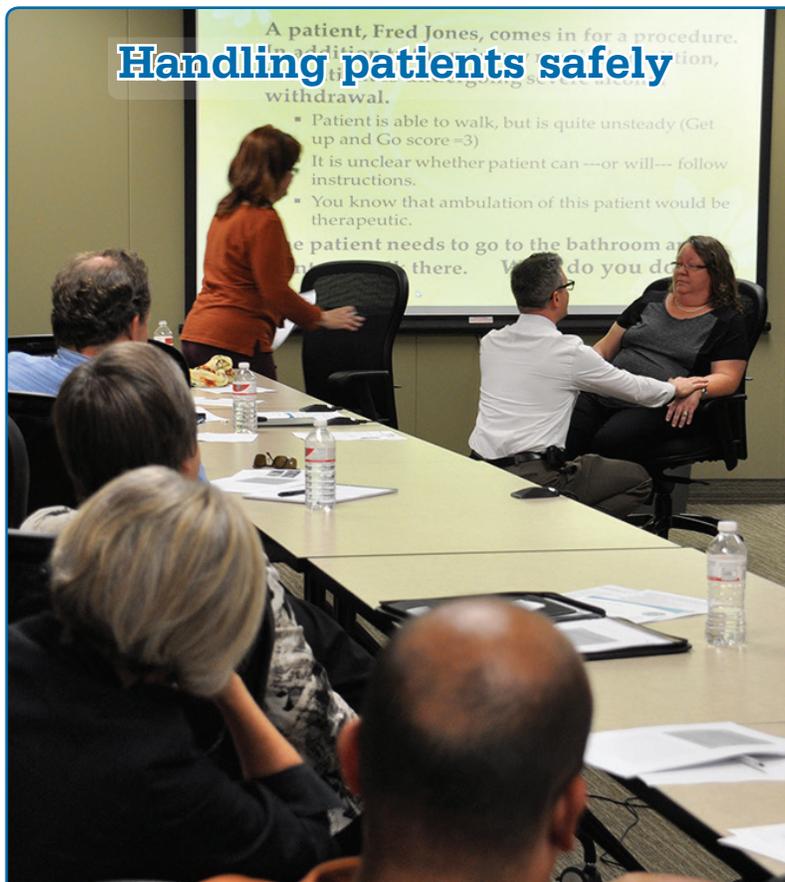
#### Ergonomics roundtable session

Join Minnesota OSHA Workplace Safety Consultation for a short presentation about OSHA and ergonomics. Anyone with an interest in ergonomics is invited to attend.

Ergonomics – fitting a job to a person – helps lessen muscle fatigue, increases productivity and reduces the number and severity of work-related musculoskeletal disorders.

Following the presentation, participants will have the chance to ask questions and to discuss ergonomics issues and solutions within their workplace.

- Date: Wednesday, Nov. 19
- Time: 1 to 3 p.m.
- Location: Minnesota Department of Labor and Industry, 443 Lafayette Road N., St. Paul, MN (Directions and parking information are online at [www.dli.mn.gov/Direct.asp](http://www.dli.mn.gov/Direct.asp).)
- More information: See the flier at [www.dli.mn.gov/Wsc/Ergonomics.asp](http://www.dli.mn.gov/Wsc/Ergonomics.asp)



As a case study exercise during the Sept. 17 facilitated discussion about safe patient-handling, emergency room patient "Fred" (Breca Tschida, seated) is attended to by Workplace Safety Specialist John Crist, of Abbott Northwestern Hospital, and Employee Safety Specialist Siobhan Dugan, of Allina Health. In the scenario, "Fred" is intoxicated and needs help to stand up.

## LABOR WEEK EVENTS

### DLI staff members support events at Mexican Consulate

Department of Labor and Industry (DLI) staff members participated in the Mexican Consulate’s celebration of Labor Week, Aug. 25 through 29, in St. Paul, Minnesota.

The educational event was conducted for Mexican workers to learn about their rights and to inform employers about their responsibilities to protect all workers. The event also recognized and renewed state and federal agreements with the Mexican Consulate to help ensure protections for vulnerable workers in Minnesota.



DLI staff members David Musielewicz (left), Workers’ Compensation Division, and Tracy Grundman, Labor Standards, speak during Labor Week events at the Mexican Consulate in St. Paul, Minnesota.

Representatives from DLI’s Labor Standards, Minnesota OSHA Compliance and Minnesota OSHA Workplace Safety Consultation units and its Workers’ Compensation Division provided information about their respective program areas to Mexican constituents who attended the sessions.

## Proper safety training for temporary workers addressed



Roslyn Robertson, director, Minnesota OSHA Workplace Safety Consultation

Minnesota OSHA Workplace Safety Consultation took part Tuesday, Sept. 23 in the Temporary Worker Safety Symposium. The symposium was a joint effort of the workplace safety training arm of Hennepin Technical College’s Customized Training Services, Minnesota OSHA and the Minnesota Recruiting and Staffing Agency to lead the way in addressing this situation in Minnesota.

Providing proper safety training for the growing number of temporary workers in today’s business environment helps increase workplace safety across America. Both staffing agencies and their client employers share equal responsibility for the safety of temporary workers. Through presentations and a panel discussion, participants learned:

- the benefits provided by the alliance between the federal Occupational Safety and Health Administration (OSHA) and the American Staffing Association to protect temporary workers;
- Minnesota OSHA’s role in this effort and how its enforcement policies affect temporary workers;
- what to know and do to be compliant with MNOSHA regulations and what other professionals are experiencing with it comes to ensuring worker safety; and
- about training opportunities to better prepare temporary workers for a safer work experience while also being in compliance with MNOSHA standards.

## MNOSHA Compliance signs safety, health partnerships

Minnesota OSHA Compliance recently signed Level 3 Cooperative Compliance Partnerships with M.A. Mortenson Company, Carl Bolander & Sons and Shingobee.

Level 3 is the peak level of MNOSHA Compliance partnerships, with applicants striving to be an industry leader with very comprehensive safety and health programs. To qualify, participants must have reached Level 2 and remained there for at least one year.

M.A. Mortenson Company signed partnerships for two projects: 4Marq, a 30-story apartment tower in Minneapolis that is scheduled for completion in October 2015; and the Capitol Office Building, in St. Paul, Minnesota, that is scheduled for completion in December 2015.

The Carl Bolander & Sons partnership project is also the Capitol Office Building in St. Paul. Its work on the site is scheduled for completion in August 2015.

The partnership with Shingobee is for its Paradise Carwash and Detail Center project in Maple Grove, Minnesota, scheduled for completion in January 2015.

The partnerships recognize those contractors where managers and employees work together to develop safety and health management systems that go beyond basic compliance with all applicable OSHA standards and result in immediate and long-term prevention of job-related injuries and illnesses.

Learn more about MNOSHA Compliance partnerships at [www.dli.mn.gov/OSHA/Partnerships.asp](http://www.dli.mn.gov/OSHA/Partnerships.asp).



M.A. Mortenson Company – 4Marq



M.A. Mortenson Company, Carl Bolander & Sons – Capitol Office Building



Shingobee – Paradise Carwash and Detail Center

# Minnesota's newest **MNSTAR** worksites



Two Minnesota worksites were recently recognized by the Minnesota Department of Labor and Industry for their achievement as Minnesota Star (MNSTAR) worksites. MNSTAR is a Minnesota OSHA program that recognizes worksites where managers and employees work together to develop safety and health management systems.

Delta Air Lines' Minneapolis Customer Engagement Center has approximately 425 employees. Headquartered in Atlanta, Delta employs nearly 80,000 employees worldwide and operates a mainline fleet of more than 700 aircraft. The Minneapolis-St. Paul market is one of Delta's key airline hubs.

Firmenich is the largest privately owned company in the perfume and flavor business. Swiss and family owned, it has created many of the world's favorite perfumes for more than 100 years and produced a number of the most well-known flavors.



**Delta Air Lines' Minneapolis Customer Engagement Center**



**Firmenich, New Ulm, Minnesota**

MNSTAR began in Minnesota in January. There are currently 36 MNSTAR worksites in Minnesota. For more information about the program visit [www.dli.mn.gov/WSC/Mnstar.asp](http://www.dli.mn.gov/WSC/Mnstar.asp).

## Free Construction Seminars cover important topics, start discussions

### Exposure to silica; respirator programs

Attend the free Nov. 18 Construction Seminar to learn about how workers are exposed to silica on construction sites and what can be done to help reduce and eliminate these hazards, including the proper and practical use of respirators. Attendees will also learn what Minnesota OSHA (MNOSHA) Compliance is citing and what hazards are being found.

Panel members include: moderator Ron Anderson, MNOSHA industrial hygienist; Don Garvey, 3M Personal Safety Division; and Dan Stephenson, Northland Concrete and Masonry.

Participants are asked to pre-register at <https://secure.doli.state.mn.us/events>.

### About the Construction Seminars

MNOSHA Compliance's Construction Seminars feature a presentation about a specific construction safety or health topic – with time for questions, answers and input – plus an update from MNOSHA Compliance about what's currently happening regarding investigations.

The seminars are presented in a panel discussion format, which provides a safe environment for participants to ask real worksite questions and get real worksite safety and health solutions.

The seminars are at the MnDOT Training and Conference Center, 1900 W. Cty. Road I, Shoreview, MN. The facility is state of the art and has plenty of free parking. Directions are available at [www.dot.mn.gov/hr/trngctr/contacts.html](http://www.dot.mn.gov/hr/trngctr/contacts.html). Doors open at 6:30 a.m. and the program begins at 7 a.m.

Visit [www.dli.mn.gov/OSHA/ConstructionSeminars.asp](http://www.dli.mn.gov/OSHA/ConstructionSeminars.asp) for complete information and to register (available closer to the seminar dates) or to be added to the mailing list.



Ron Anderson, Minnesota OSHA Compliance industrial hygienist, talks about the dangers of confined spaces in construction during the Construction Seminar on Sept. 16.

### 2014/2015 Construction Seminar dates, topics

- **Sept. 16, 2014** – Confined space in construction
- **Nov. 18, 2014** – Exposure to silica; respirator programs
- **Jan. 13, 2015** – A Workplace Accident and Injury Reduction (AWAIR) program; basic safety programs; and GHS
- **March 17, 2015** – Residential fall-protection
- **May 19, 2015** – Traffic control and workzone safety