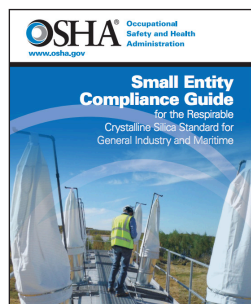


TOGETHER WITH TOSHA

New Tennessee OSHA Standards

Silica

TOSHA issued two standards to protect workers from exposure to respirable crystalline silica, one for construction, and the other for general industry and maritime. Silica in Construction, 1926.1153, became enforceable September 23, 2017. Silica in General Industry, 1910.1053, will become enforceable on June 23, 2018. OSHA has issued Small Entity Compliance Guides for both **Construction** and **General Industry** to assist employers in meeting the requirements of these new standards.

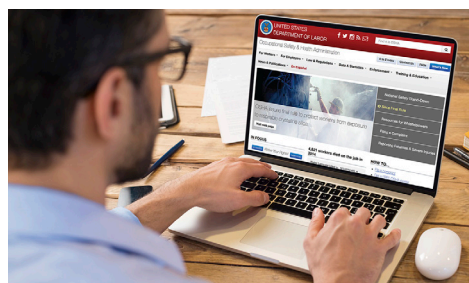


Record Keeping

OSHA **extended the 2017 compliance date** for electronically submitting injury and illness reports from July 1, 2017 to **December 1, 2017**. Tennessee employers who are required can submit injury and illness data **electronically NOW**.

•Establishments with 250 or more employees in industries covered by the recordkeeping regulation must submit information from their 2016 Form 300A by **December 1, 2017**.

•Establishments with 20-249 employees in **certain high-risk industries** must submit information from their 2016 Form 300A by December 1, 2017.



For detailed information on how to get started in the ITA system, create your login and password, and what information must be scanned, visit **Injury Tracking Application, Electronic Submission of Injury and Illness Records to OSHA**.

OSHA has recently proposed changes to this record keeping standard. Any updates will be posted on the TOSHA website and featured in the TOSHA newsletter. TOSHA continues to provide outreach training on all three new standards, please review the 2018 January – July TOSHA Seminar Schedule to enroll in those courses.



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A Message From Steve Hawkins

The silica standard for the construction industry became effective in Tennessee on September 23, 2017. Silica exposure poses a serious risk to employees in both construction and industry. In many cases controlling or eliminating exposure can be accomplished relatively inexpensively. The construction silica standard gives 18 examples of common construction activities that can be accomplished with wet or other engineering controls that minimize exposure. The industry standard will be effective on June 23, 2018. TOSHA will continue to present training seminars for both construction and industry and our consultation program can work with employers to help them protect employees. To learn more about our consultation program visit [here](#).

Winter time and the holidays can present unique hazards at work and at home. When working in cold environments employers and employees can follow OSHA recommendations [here](#). When hanging lights and other decorations follow the **OSHA ladder standards** at home and at work.

I know August 2018 may seem a long time away but please make plans to attend the 2018 Tennessee Safety and Health/Volunteer Protection Program Participants Association joint conference. We are expecting as many as 4,000 people to attend from across Tennessee and the nation. The event will be held for three and a half days and will feature more than 100 classes and an exhibit hall with over 250 exhibitors. Attendees from Tennessee will be able to attend at the same price of the 2017 conference. If you are a safety and health professional, a safety and health committee member, a first line supervisor, a construction worker or a company CEO, you should not miss this opportunity. Conference registration will open February 26, 2018. For more information, visit [here](#).

In recent years TOSHA has seen an increase in the use of ATVs and other utility vehicles. Please see the article in this newsletter and follow the manufactures recommendations on safe operation of these vehicles.



Steve Hawkins
Assistant Commissioner,
TOSHA

Safety Fest TN, a public-private partnership, dedicated to making the region the safest place to work and live in America.



The 6th Safety Fest TN, co-sponsored by Tennessee OSHA, was held in Oak Ridge and Knoxville, Tennessee, September 11 - 15, 2017. Nearly 3,000 class seats were reserved by more than 250 organizations from 93 cities in 14 states according to Class Coordinator Michelle Kever. This year's event featured 103 free safety and health training opportunities provided by highly qualified instructors who came from as far away as Washington State. The 2017 event had the generous support of partners, sponsors and providers.

Since its beginning in 2012, the week-long event has experienced dramatic growth and in 2017 it included free safety and health classes and demonstrations, a Community Safety Forum, a Safety Expo with exhibitors, the "Secret City" Fire Department Conference, and the Emergency Management Forum and Exposition.

Save the dates for next year's Safety Fest TN scheduled for **September 10-14, 2018**.





Submit a Workshop Proposal!

Year after year, attendees of the Tennessee Safety and Health Conference say that one of the most important factors in their decision to attend are the educational opportunities.

Share your expertise and become a workshop presenter at...

**Tennessee Safety and Health Conference
VPPPA's 2018 Safety+ Symposium
Gaylord Opryland Convention Center
Nashville, TN
August 28-31, 2018**

Safety+ is the leading educational event for attendees who represent a broad spectrum of industries and hold a variety of positions from EHS professionals to hourly workers and managers to representatives from the Departments of Labor, Energy and Defense.

Proposals are now being accepted and can be submitted [here](#).

Important Speaker Notes

Proposals are for 1-hour long workshops.

Proposals that are sales-focused or promote a commercial product will not be considered.

Proposals will be reviewed and selected based on several criteria to include topic relevance, practicability, quality of proposal, etc.

Deadlines & Dates

Proposal Deadline: February 16, 2018

Proposal Review: February-March, 2018

Speaker Notifications: March, 2018

Thank you so much for your interest in helping make this year's Tennessee Safety and Health Conference / Safety+ Symposium a success!

If you have any questions regarding the workshop proposals, please call the National Office at **(703) 761-1146** or email conference@vpppa.org.

All-terrain Vehicle (ATV) Safety at Work



Facts Related to ATV Crashes and Injuries at Work¹

- Males are at a much higher risk
- Workers 65 years of age or older are at higher risk than younger workers
- Rollovers are the most common cause of crashes
- Animal production workers have the highest risk for injury

Note: This document does not apply to Utility Vehicles (UTVs)

Background

ATVs were first introduced in the U.S. for agricultural use in the early 1980s. Over the past thirty years, ATVs have grown increasingly popular recreationally and more recently, have become a valuable asset at work. With more than 10 million in use, it is important to know the hazards associated with ATVs and how to operate them safely.^{1,2}

Recommended Practices for the Safe Use of ATVs at Work³⁻⁵

FOR EMPLOYERS

- Provide helmet and eye-protection for workers and encourage the use of other personal protective equipment (PPE)
- Identify and mark – and eliminate if possible – hazards such as excavations, trenches, and guy wires that might be present in specific work environments, so they are easily seen and avoided by workers on the job site
- Establish operating and maintenance policies that follow manufacturer's terrain guidelines, specified hauling and towing capacity, and passenger restrictions
- Provide employees access to hands-on training by an ATV Safety Institute instructor or a similarly qualified instructor
- Share responsibility with employees on the practices detailed below

FOR EMPLOYEES

- Wear PPE including a helmet, eye-protection, long pants, and sturdy boots
- Participate in hands-on training in the safe handling and operation of an ATV
- Conduct a pre-ride inspection of tires, brakes, headlights, etc., and follow employer's maintenance policies for upkeep of the ATV
- Understand how implements and attachments may affect the stability and handling of the ATV
- Never exceed the manufacturer's specified hauling and towing capacity or weight limits and ensure cargo is balanced, secured, and loaded on provided racks
- Be aware of potential hazards such as trees, ruts, rocks, streams and gullies, and follow posted hazard warnings
- Drive at speeds safe for weather and terrain and never operate ATVs on surfaces not designed for ATVs such as paved roads and highways
- Never permit passengers on the ATV, unless the ATV has an additional seat specifically designed to carry them
- Never operate an ATV while under the influence of drugs or alcohol



Common Work Related Uses of ATVs

- Border patrol and security
- Construction operations
- Emergency medical response
- Land management and surveying
- Law enforcement
- Military operations
- Mineral and oil exploration, pipeline maintenance
- Ranching and farming
- Search and rescue
- Small-scale forestry activities
- Wildland fire control

Did You Know?

ATVs have unique features that enable them to operate in harsh work environments where larger, less mobile vehicles cannot safely be used. Their oversized, deep tread, and low-pressure tires (4-5 psi) and light weight (600-1000 pounds) - compared to other motorized vehicles - enhance their maneuverability but also present risks such as a rollover which may occur due to a high center of gravity and a relatively narrow wheelbase.



ONLINE RESOURCES

- Agricultural Safety and Health Council of America: <http://www.ashca.com>
- ATV Safety Institute: http://www.atvsafety.org/InfoSheets/ATV_Riding_Tips.pdf; <https://online.svia.org/training/default.aspx>
- Farm Safety 4 Just Kids: <http://www.fs4jk.org>
- National Children's Center for Rural Agricultural Health and Safety: <http://www.marshfieldclinic.org/nccrahs>
- National Education Center for Agricultural Safety: <http://www.necasag.org>

To receive documents or other information about occupational safety and health topics, contact NIOSH at: ■ Telephone: 1-800-CDC-INFO (1-800-232-4636); TTY: 1-888-232-6348 ■ E-mail: cdcinfo@cdc.gov, ■ or visit the NIOSH web site at: www.cdc.gov/niosh

For a monthly update on news at NIOSH, subscribe to NIOSH eNews by visiting www.cdc.gov/niosh/eNews

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References

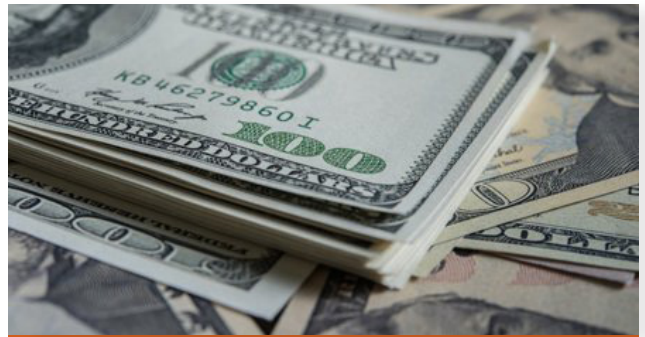
- ¹Helmkamp JC, Marsh SM, Aitken ME. Occupational All-terrain Vehicle Deaths among Workers 18 Years and Older in the United States, 1992-2007. *J Ag Safety and Health* 2011; 17(2):147-152. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/21675284>
- ²Garland, S. Annual Report of ATV-related Deaths and Injuries: December 2011. Bethesda, MD: U.S. Consumer Product Safety Commission, Directorate for Epidemiology. Available at: <http://www.cpsc.gov/library/foia/foia12/os/atv2010.pdf>
- ³U.S. Consumer Product Safety Commission. ATV Safety Messages. Available at: <http://www.atvsafety.gov/safetytips.html>
- ⁴U.S. Department of Labor, Occupational Safety and Health Administration. Hazards Associated with All-terrain vehicles (ATVs) in the Workplace. Safety and Health Information Bulletin 08-03-2006. Available at: <http://www.osha.gov/dts/shib/shib080306.html>
- ⁵U.S. Department of Labor, Safety and Health in the Workplace: Drug-free Workplaces. Available at: <http://www.dol.gov/compliance/topics/safety-health-working-partners.htm>

OSHA's Mobile-Friendly Publication on Training Requirements is Easy to Use on the Job

Training Requirements in OSHA Standards

is a valuable reference to help employers, safety and health professionals, and training directors comply with the law

and keep workers safe. However, at more than 250 pages, the printed version can be cumbersome to carry on some jobsites. That's why the guide available in digital (MOBI and EPUB) formats; it can be read on a smartphone or tablet and easily searched for the standards that apply to specific industries or activities. Visit OSHA's website to **download a copy**.



OSHA Awards Grant to University of Tennessee Construction Industry Research and Policy Center

OSHA recently awarded a Susan Harwood Training Grant to the University of Tennessee Construction Industry Research and Policy Center to develop training materials for Fall Prevention in Construction. Target audience includes non-literate, low-literacy, or limited English proficiency workers, temporary workers, minority, or other hard-to-reach workers, workers and employers in high-hazard industries, workers and employers in new small business. Training topics will include roof structure falls, ladder falls, scaffold and platform falls, bucket/aerial falls, and opening falls.

The following materials developed by grantees under OSHA's Susan Harwood Training Grant Program were posted on the OSHA Web site from July 1 to September 30, 2017. See the [OSHA Web site](#) for a complete list of a materials developed by Harwood grantees.

2017 TOSHA Fatality Investigation Statistics

January 1st - November 3rd, 2017

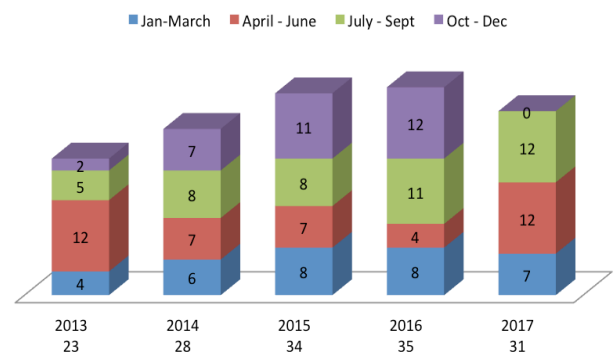
Industry Sectors per NAICS Codes

- Construction (23) - **14**
- Manufacturing (31, 32, 33) - **5**
- Warehousing/Transportation (48, 49) - **4**
- Wholesale Trade (42) - **1**
- Retail Trade (44,45) - **1**
- Waste Management/Landscaping/Traffic Management (56) - **4**
- Logging/Cotton Gin (11) - **1**
- Law Enforcement (92) - **1**

Fatality Cause

- Falls - **12**
- Struck by - **9**
- Crushed by/between - **4**
- Electrocution - **2**
- Drowning - **1**
- Overtured vehicle- **1**
- Chemical over-exposure - **1**
- Wasp Sting - **1**

Fatalities per Quarter



VPP Awards of Excellent Update



On August 25, 2017, Commissioner Phillips signed a letter granting the Valero Refining Company-TN, LLC facility in Memphis initial participation in the Volunteer STAR Award (VPP) program. The facility employs 307 employees and 210 contractor employees who manufacture various petroleum products, including gasoline, diesel fuel, jet fuel and kerosene. Employees at this site are represented by United Steel Workers Local 9-0631.

The accomplishment was recognized at the Memphis facility on September 19, 2017. TOSHA Assistant Administrator, Jim Flanagan presented the award to Valero management and employees.

TOSHA's Volunteer STAR Award (VPP) recognizes companies that are operating world class safety and

health management systems. The award is highly coveted and currently possessed by only thirty-six premiere companies.





Tennessee Safety & Health Conference



August 28- 31, 2018

OSHA FATAL Facts No. 15 – 2017 Warehouse Fall from Pallet Elevated by Forklift

U.S. Department of Labor Occupational Safety and Health Administration www.osha.gov (800) 321-OSHA (6742)

INCIDENT SUMMARY

Incident type: Fall to lower level
 Weather conditions/Time of day: Indoors/approx. 6:30 AM
 Type of operation: Bulk wholesale warehousing
 Size of work crew: 22
 Worksite inspection conducted: No
 Competent safety monitoring on site: No
 Safety and health program in effect: No
 Training and education for workers: None
 Occupation of deceased worker: Laborer
 Age/Sex of deceased worker: 33/M
 Time on job: 4 years
 Time at task: 2-3 hours
 Employment classification (FT/PT/Temporary): Full time
 Language spoken: Spanish
 Union/Non-Union: Non-Union



Figure 1: Example of a worker unsafely pulling inventory on a raised pallet.

BRIEF INCIDENT DESCRIPTION

A warehouse worker was fatally injured after falling seven feet from a wooden pallet elevated by a forklift. The warehouse inventory was stored on steel storage racks with the highest shelves about eight feet above the concrete floor. It was common practice for warehouse workers to place one foot or both feet on a pallet and move inventory on the top shelf (see Figure 1) while a coworker lifted them to the top shelf using the forklift, even though the equipment was not designed for this purpose. At the time of the incident, the worker slipped on the pallet while moving inventory and fell. The worker was taken to the hospital where he died from his injuries a few days later.

Likely Causes

Controls were not in place to prevent workers from improperly using equipment and falling to the ground. Specifically, the employer did not:

- Provide workers with equipment for safely reaching inventory stored on elevated shelves.
- Follow manufacturer instructions and prohibit employees from using pallets on forklifts to access upper shelves.
- Provide training and certification to forklift operators on how to safely use and operate forklifts, including not using them to lift workers without an approved personnel lifting platform.

INCIDENT PREVENTION

Accessing warehouse storage shelves by lifting workers on pallets presents serious fall hazards. The employer must implement safe procedures and provide the proper equipment and training to prevent injuries and fatalities. Pallets are not designed for sitting or standing, nor should they be used for lifting workers with a forklift. Instead, employers should use manufacturer-approved personnel lifting platforms.

You Have a Voice in the Workplace

The Occupational Safety and Health Act of 1970 affords workers the right to a safe workplace (see OSHA's Worker Rights page, www.osha.gov/workers). Workers also have the right to file a complaint with OSHA if they believe that there are either violations of OSHA standards or serious workplace hazards.

How OSHA Can Help

For questions or to get information or advice, to report an emergency, fatality, hospitalization, amputation or loss of an eye, or to file a confidential complaint, contact your nearest OSHA office, visit www.osha.gov, or call our toll-free number at 1-800-321-OSHA (6742), TTY 1-877-889-5627. It's confidential.

OSHA standards and regulations: www.osha.gov/law-regs.html

OSHA publications: www.osha.gov/publications

OSHA-approved state plans: www.osha.gov/dcsplsp

Free On-site Consultation services: www.osha.gov/consultation

Training resources: www.osha.gov/its

Help for Employers: www.osha.gov/employers



Job Safety and Health—It's the Law Poster is Now Available in Tagalog

(Official Filipino language)

Kaligtasan sa Trabaho at Kalusugan IYAN ANG BATAS!

Ang mga may-ari ng pagawaan ay dapat:

- Sigurating ligtas ang pagawaan at toala (ong) anumang ibalang mapapalating materyales o kagamitan. Labag sa batas na gamitin ang isang empleyado na naninindigan lamang sa kanyang kapangyarihan sa kalim ng batas, dumuhang sa inyo o sa OSHA tungkol sa anumang pangamba sa kanyang kaligtasan, at nagbibigay-alam sa kinauukulan dahil sa kapansanan o sakit na may kinalaman sa kanyang trabaho.
- Tumupad sa lahat ng mga nanglopo na pamantayan ng OSHA.

Agency Links

OSHA

Tennessee's Government Website

Tennessee Department of Labor & Workforce Development

Tennessee Occupational Safety & Health Administration (TOSHA)

Useful Links

File a Complaint

Video Library

TOSHA Publications

Safety & Health Conference

Recognition Links

TOSHA Safety Awards

VPP

SHARP



GET IN TOUCH WITH US

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