



# ADOSH ADVOCATE

## ADOSH Dates to Calendar

**Nov 2-3** Annual Leadership Safety Summit—at the Radisson Hotel in Phoenix - See Flyer in this issue!  
OSHA 10 Hour Class. Scheduled during the Summit

**WEBINAR** Wednesdays this Quarter—See Schedule!

**Dec 14** OSHA's New Silica Standard Trng in Yuma

Kingman Arizona: Crew changing out stop lights at a busy intersection. Photo by Mark Allen at 4Guests.com



## HIGHWAY WORK ZONES

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Arizona roadways are continually being patched, repaired, upgraded and constructed. This activity requires Arizona drivers to be situationally aware of the workers and signage present in these work zones. Highway work zones are extremely hazardous work places and ADOSH investigations into work zone accidents and fatalities uncover preventable conditions that would safeguard workers and the public.

**In 2014 Arizona experienced 770 highway fatalities. Of those, 11 fatalities were in highway work zones.** (*Fatality Analysis Reporting System (FARS) 2014 ARF, NHTSA*) According to the Federal Highway Administration, drivers and passengers accounted for 82 percent of work zone fatalities nationally in 2014, the most recent year with complete data. In Arizona, the number of work zone deaths fell to 11 in 2014 after peaking at 17 in 2013.

Public traffic breaching of work zones is only one causal factor in these fatalities. Internal work zone traffic with the movement of vehicles, equipment and pedestrian workers is another factor that ADOSH identifies during investigations. Back-over accidents involving large haul trucks or equipment with limited visibility continues to be a safety focus in all work zones.

Enforced by ADOSH, highway work zones are required to comply with the Manual on Uniform Traffic Control Devices, Section VI which includes the safety devices and practices in use for work zones. Found in 29CFR 1926.200(g)(2) the standard states: *All traffic control signs or devices used for protection of construction workers shall conform to Part VI of the MUTCD, 1988 Edition, Revision 3, or Part VI of the MUTCD, Millennium Edition, incorporated by reference in Sec. 1926.6.*

Consider the following incidents investigated by OSHA:

On November 2, 2013, a barricade company employee was working, with a coworker, removing and storing roadwork

warning signs in their work truck. A passenger vehicle veered off of the freeway and crushed the worker between the front bumper of the passenger vehicle and the rear bumper of the work truck. The worker was pronounced dead at the scene. His co-worker was also injured and transported to the hospital for treatment.

At approximately 8:50 p.m. on March 9, 2014, employees of a construction contractor were working in a highway work zone, performing a concrete removal and repaving assignment. One employee was working on repaving when his foreman instructed him to change tasks and relocate to control private vehicular traffic. As the worker proceeded to his new work location, his co-worker, a truck driver, was backing up his truck in the work zone. As the worker moved behind the truck, the driver continued backing, unaware that the truck had struck and rolled over his co-worker until he saw the body on the pavement.

Because of the continual road work we encounter throughout Arizona, it may be beneficial to review with our workers the pertinent rules to observe while driving through work zones. ADOT has recommended the following tips.

- **Pay attention:** Observe and obey posted warning signs, as well as flaggers. You can be cited for disobeying a flagger's directions.
- **Expect the unexpected:** Speed limits might be lowered, travel lanes could be narrowed or eliminated and people may be working near your travel lane.
- **Slow down:** Speeding is one of the leading causes of work zone crashes.
- **Merge safely:** Do it early and carefully or as directed by signage instead of barging into a line of vehicles at the last moment.
- **Don't tailgate:** The most common crash in a work zone is the rear-end collision. Don't follow too closely and, again, slow your speed.

For more information about work zone safety, visit [https://www.osha.gov/doc/highway\\_workzones/](https://www.osha.gov/doc/highway_workzones/)





**The Arizona Division of  
Occupational Safety and Health  
Presents the 2016 ADOSH  
Leadership Safety Summit**

**“Safety and Security at Work”**



**November 2-3**

**8:00 AM-4:00 PM**

**Radisson Hotel**

**10220 N Metro Pkwy E,**

**Phoenix, AZ 85051**

**Back by Popular Request!**

**Keynote Speaker**

**John-Michael Keyes**

 **i love u guys** Foundation

**Also Announcing:**

**Free\* OSHA 10 Hour  
Classes**

**Register early!  
Seating is limited!**

**\*OTI Card Fee:  
\$ 8.00 per person**

**Enroll at: [www.ezregister.com/promoters/1607](http://www.ezregister.com/promoters/1607) after Sept. 15, 2016**

**There is no charge for this two-day event!**

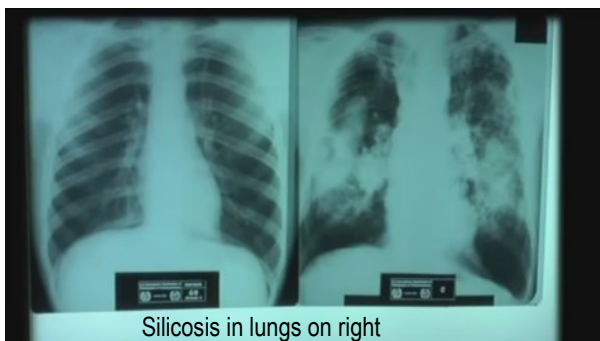


# OSHA's New Silica Standard

[www.osha.gov](http://www.osha.gov)

Crystalline silica is an important industrial material found abundantly in the earth's crust. Quartz, the most common form of silica, is a component of sand, stone, rock, concrete, brick, block, and mortar. Materials containing quartz are found in a wide variety of workplaces.

Silica dust is hazardous when very small (respirable) particles are inhaled. These respirable dust particles can penetrate deep into the lungs and cause



Silicosis in lungs on right

disabling and sometimes fatal lung diseases, including silicosis and lung cancer, as well as kidney disease. An excellent video is available

on YouTube that will help employees understand the hazards of silica (2013 "Deadly Dust" Silica, by the Dept. of Labor)

Occupational exposure to respirable crystalline silica occurs when cutting, sawing, drilling, and crushing of concrete, brick, ceramic tiles, rock, and stone products. Occupational exposure also occurs in operations that process or use large quantities of sand, such as foundries and the glass, pottery and concrete products industries. OSHA estimates that more than 2.3 million workers in the United States are potentially exposed to dust containing crystalline silica with nearly 90% of those workers employed in the construction industry.

Industries and operations in which exposure to crystalline silica can occur include, but are not limited to:

## Impacts on Industry

### What industries will be affected by the rule?

The main industries affected include:

- Construction
- Glass manufacturing
- Pottery products
- Structural clay products
- Concrete products
- Foundries
- Dental laboratories
- Paintings and coatings
- Jewelry production
- Refractory products
- Landscaping
- Ready-mix concrete
- Cut stone and stone products
- Abrasive blasting in:
  - Maritime work
  - Construction
  - General industry
- Refractory furnace installation and repair
- Railroads
- Hydraulic fracturing for gas and oil
- Asphalt products manufacturing

OSHA's longstanding policy is that engineering and work practice controls must be the primary means used to reduce employee exposure to toxic chemicals, as far as feasible, and that respiratory protection is required to be used when engineering or work practice controls are infeasible or while they are being implemented.

Where possible, silica should be eliminated or substituted with a safer option. Engineering controls should then be considered, such as using local exhaust ventilation, using containment methods (e.g., blast-cleaning ma-

chines and cabinets), and wet sawing or wet drilling of silica-containing materials. Administrative or work practice controls may be appropriate in some cases where engineering controls cannot be implemented or when different procedures are needed after implementation of the new engineering controls. Administrative actions may include limiting workers' exposure time and requiring workers to shower and change into clean clothes before leaving a worksite. Personal protection equipment is the least desirable, but may still be effective. Use of personal protective equipment may include wearing proper respiratory protection to keep workers' exposure below the OSHA permissible exposure limit and the use of personal protective clothing.

**"The very best thing you can do to protect a company is to protect the workers who are, in effect, the heart and soul of that company. The two go together."**

—Michael Mangum  
National Asphalt Pavement  
Association program director

There are many more resources for videos on YouTube that you can access for employee training, such as "Silica Safety Awareness" by SWR Institute, a 14 minute video that focuses on the different types of silicosis: chronic, accelerated, and acute. Another option for instruction, especially for those who are interested in the new standard, is "OSHA Silica Standard" which is more about the standard itself. An employee made video is "Don't Let Silica Dust You," which was made by OHIP interns through funding from CPWR, NIOSH, and the CA Dept of Public Health and working with San Francisco Bay Area Bricklayers and Roofers Unions along with their Apprentice Programs and Contractors.

If you would like to read the final rule on the Silica Standard you can go to:

<https://www.osha.gov/dsg/topics/silicacrystalline/index.html> which is OSHA's official Silica page and is a treasure trove of information.

**"These diseases... are not relics of the past. We see patients who are coming in from foundries, coming in from stonecutting operations, from little construction jobs and sites, with silicosis."**

—Robert Cohen, M.D.  
pulmonologist at Cook County Hospital in Chicago and  
member of the American Thoracic Society

OSHA expects it to prevent 600 deaths a year from silica-related diseases – such as silicosis, lung cancer, other respiratory diseases and kidney disease – and to prevent more than 900 new cases of silicosis each year.





## Los Empleadores de Arizona Tienen Nuevos Requisitos Para Reportar Fatalidades, Enfermedades y Lesiones Graves Relacionadas al Trabajo *by Luis Lopez ADOSH IH Consultant*

Una nueva norma que fue aprobada, en **marzo de 2016**, por la Comisión Industrial de Arizona y la División de Arizona de Seguridad y Salud Ocupacional (ADOSH) ha entrado en vigor, cambiando los requisitos para que empleadores reporten a ADOSH empleados que se enfermen, lesionen gravemente, o fallecen en el trabajo.

### ¿Cuándo reportar fatalidades, lesiones o enfermedades graves?

#### Reportar fatalidades no ha tenido cambios

- La regla de que los empleadores deben reportar fatalidades, relacionadas al trabajo, dentro de ocho (8) horas después de haber ocurrido, o de enterarse de ellas, se mantendrá sin cambios.
- Los empleadores sólo tienen que reportar las fatalidades que se produjeron dentro de 30 días de un incidente relacionado con el trabajo.

#### Los cambios más notables para la nueva regla especifican que los siguientes casos deben ser reportados dentro de 24 horas después de haber ocurrido o de haberse enterado de ello:

- Todas las admisiones al hospital de empleados accidentados (1 o más personas admitidas)
- Todos los casos de amputaciones, relacionadas con el trabajo
- Toda pérdida de un ojo, o ambos ojos, por lesiones oculares
- Los empleadores sólo tienen que reportar casos de hospitalización, amputación, o pérdida de ojo que se producen dentro de 24 horas de un incidente relacionado con el trabajo.



#### Anteriormente las reglas establecían que:

- Si solo una (1) persona ingresaba en el hospital, no tenía que ser reportado a ADOSH. Sólo cuando ocurría una catástrofe, donde tres o más empleados estaban involucrados en un accidente del trabajo y que fueran admitidos al hospital, tenían que ser reportados a ADOSH
- Si una persona pierde solo un ojo, no tenía que ser reportado a ADOSH
- Las amputaciones sólo tenían que reportarse a ADOSH si el empleado estaba trabajando con una prensa troqueladora (impresora de estampado)

### ¿Quién está cubierto bajo la nueva regla?

- Todos los empleadores de Arizona bajo la jurisdicción de ADOSH deben reportar a ADOSH fatalidades, hospitalizaciones, amputaciones y la pérdida de un ojo, relacionadas con el trabajo.
- Aun los empresarios que están exentos del mantenimiento rutinario del registro de lesiones y enfermedades (OSHA 300 log), debido al tamaño de la empresa o industria, deben reportar a ADOSH.

#### Definición de amputación:

Una amputación se define como la pérdida traumática de una extremidad u otra parte externa del cuerpo. Amputaciones incluyen:

- Una parte, tal como una extremidad, que ha sido cortada, amputada total o parcialmente

- Amputaciones de la yema del dedo con o sin pérdida de masa ósea; amputaciones médicas derivadas de un daño irreparable
- Amputaciones de partes del cuerpo que han sido recolocadas (re-unidas) al cuerpo o reconstruidas

### ¿Cómo puedo informar a ADOSH de un evento reportable de fatalidad, hospitalización, amputación, o pérdida de ojo?

#### Los empleadores tienen tres opciones para informar sobre los eventos reportables:

- Por teléfono a la oficina de ADOSH más cercana, en Phoenix 602-542-1769 o en Tucson 520-628-5478, durante el horario normal; o al 602-542-5795 durante horario de oficina cerrada
- Por teléfono a la línea directa de ADOSH, las 24 horas, al 1-855-268-5251
- OSHA federal está desarrollando una nueva forma de informar sobre los eventos reportables electrónicamente, que muy pronto estará disponible en [www.osha.gov](http://www.osha.gov)

### ¿Qué información se debe proporcionar a ADOSH?

- Nombre del Establecimiento
- Localización del incidente relacionado con el trabajo
- Hora del incidente relacionado con el trabajo
- Tipo de suceso; es decir, fatalidad, hospitalización, amputación, o pérdida de un ojo
- El número de empleados que sufrieron el evento
- Los nombres de los empleados que sufrieron el evento
- Persona de contacto y su número de teléfono
- Breve descripción del incidente relacionado con el trabajo



#### Los empleadores no tienen que reportar un evento si este:

- Fue el resultado de un accidente de tráfico en una calle o carretera pública. Sin embargo, los empleadores deben informar del hecho si sucedido en una zona de construcción
- Se ha producido en un sistema de transporte comercial o público (avión, metro, autobús, ferry, tranvía, tren ligero, tren)
- Se ha producido más de 30 días después del incidente relacionado con el trabajo en el caso de una fatalidad o más de 24 horas después del incidente relacionado con el trabajo en el caso de hospitalización, amputación, o pérdida de ojo
- Fue una hospitalización para pruebas de diagnóstico u observación solamente. Una hospitalización reportable se define como una admisión formal al servicio hospitalario de un hospital o clínica para cuidado o tratamiento

Empleadores tienen que reportar una hospitalización debido a un ataque al corazón, si el ataque al corazón fue resultado de un incidente relacionado con el trabajo.

No olviden que la fecha en que estos nuevos cambios entraron en vigor fue el 16 marzo de 2016.

### ¿Dónde encontrar más información?

Para obtener más información acerca de los requisitos de información actualizada, visite la página de OSHA en la norma de registro en [www.osha.gov/recordkeeping](http://www.osha.gov/recordkeeping) 2014.

## Trainers Corner: Safe Driving Campaign

by Jenny Mandeville ADOSH Training Officer



**DROWSY, DISTRACTED, OR FOCUSED...**  
**YOUR DECISIONS DRIVE YOUR SAFETY**



Have you always wanted to have a safe driving campaign for your employees? But then you think...it's just too much work and I don't have the time or the energy? Well, here is a ready-made campaign, from launch letter to posters to banners and social media messages!

<http://trafficsafety.org>

According to the National Highway Traffic Safety Administration, driver behavior contributes to 94% of all traffic crashes. Campaign materials call on drivers—company drivers and commuters—to take a hard look at what they do behind the wheel (or before getting behind the wheel) that could be increasing their risk of a crash, starting with the importance of being well-rested.

**A report issued by NETS earlier this year found traffic crashes cost employers more than \$47 billion over the course of a year. The cost was nearly equally split between crashes that occurred on-the-job and those that took place off-the-job.**

The 2016 DSWW campaign's daily areas of emphasis include:

- The roles quality and quantity of sleep play in daily performance
- Recognizing the signs and risk factors of drowsy driving
- Prevalent behind-the-wheel behaviors that contribute to a large percentage of crashes
- Dialing in on the dangers of mobile device

### THE DISCONNECT:

use behind the wheel

- Making the case for slowing down and buckling up

"The Drive Safely Work Week campaign is an opportunity for employers to address road safety with all employees, not just those in driving-focused roles," said Dane Bremer, Director of Employee Safety & Global Business Continuity, Liberty Mutual and NETS Board Chair. "Nearly 1.6 million days are lost from work due to traffic crashes and 90% of those are related to off-the-job crashes."

This campaign gives employers a ready-made resource to help keep all of their employees—and their families—safe on the roads."

The campaign was developed using the expertise of NETS' member companies, collectively representing a fleet of more than half a million vehicles that travel in excess of 12 billion miles globally each year. Actionable steps are provided to help drivers be at their best behind the wheel.

The free toolkit provides easy-to-use Web-based resources, including facts and tips, downloadable graphics, and activities tailored for each day of the campaign week. Also included are materials geared towards management to encourage the review of workplace processes and safe driving policies and guidelines.

The campaign theme this year is "Drowsy, Distracted or Focused—Your Decisions Drive Your Safety". The free toolkit may be downloaded at: [www.trafficsafety.org](http://www.trafficsafety.org). Here is a sample from the Launch Letter:

Dear Team Member:

*Whether you consider yourself a good driver or maybe even a great driver, there is a difference between what we CAN do behind the wheel of a vehicle and what we ACTUALLY do.*

*According to the Network of Employers for Traffic Safety (NETS), more than half the people killed in traffic crashes in the U.S. last year were someone's employee. They were moms and dads, daughters and sons, grandparents, aunts and uncles, best friends and colleagues. They were people just like you.*

*New studies are indicating that the root cause of traffic crashes has shifted dramatically in recent years, with driver-related factors such as fatigue, driver error, impairment and distraction present in 94 percent of crashes. In other words, only 6 out of every 100 crashes are a result of something other than what a driver did or did not do behind the wheel.*

*That is why the theme for this year's Drive Safely Work Week™ (DSWW), the annual safe-driving campaign sponsored by NETS, is Drowsy, Distracted, or Focused... **Your Decisions Drive Your Safety.** We will be observing the campaign [October 3-7].*

The Graphics are powerful and speak not only to work but to family life as well, which emphasizes the WHY of safety. The posters are printable in various sizes. This is a web graphic that is available:



Motor vehicle accidents remain the #1 cause of death while working, and we can address this issue in an effective training campaign. Allow employees to bring up concerns they have about driving for work purposes.

Encourage employees help the company create rules regarding cell phone use and other distractions while driving, empowering them to direct the safety policies. Have employees share tips about staying awake and aware while driving. Sunflower seeds....anyone?

JM



## ... A Thousand Words



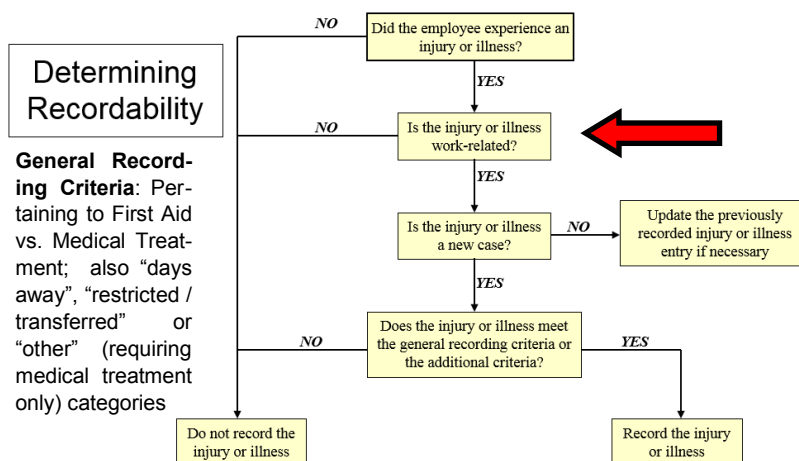
## The "In Box" Recording seizure and subsequent injury on the OSHA 300

**Q:** My employee had a seizure and loss of consciousness and fell off her chair, subsequently breaking her arm. Do I need to record her broken arm on my company's OSHA 300 Log?

**A:** By following the flow-chart for recordable incidents, you won't get very far down, (in fact it's the second question) before you ask yourself: Is this injury workplace related? Injuries and illnesses that result solely from non-work related events or exposures are not recordable under the exception in section 1904.5(b)(2)(ii). Epileptic seizures are a symptom of a disease of non-occupational origin, and the fact that they occur at work does not make them work related.

Because epileptic seizures are not work-related, injuries resulting solely from the seizures are not recordable. (OSHA Recordkeeping Q&A #50.)

### Injury/Illness Recordability Criteria Flowchart



Now, if this is not what you have heard in the past, that is understandable. In 2/2/2000 a Letter of Interpretation to Chris Crossman was published by OSHA that

stated the exact opposite. This letter has been archived and a banner across the letter states that it may no longer reflect OSHA policies.

For more OSHA recordkeeping answers, check out the OSHA Recordkeeping Q&A link at :

[https://www.osha.gov/recordkeeping/faq\\_search/OSHA\\_FAQ.pdf](https://www.osha.gov/recordkeeping/faq_search/OSHA_FAQ.pdf)

## OSHA delays effective date for enforcing employees' rights to report workplace injuries, illnesses

**WASHINGTON** - The Occupational Safety and Health Administration is delaying enforcement of the anti-retaliation provisions in its new injury and illness tracking rule to conduct additional outreach and provide educational materials and guidance for employers. Originally scheduled to begin Aug. 10, 2016, enforcement will now begin Nov. 1, 2016.

Under the rule, employers are required to inform workers of their right to report work-related injuries and illnesses without fear of retaliation; implement procedures for reporting injuries and illnesses that are reasonable and do not deter workers from reporting; and incorporate the existing statutory prohibition on retaliating against workers for reporting injuries and illnesses.

Under the Occupational Safety and Health Act of 1970, employers are responsible for providing safe and healthful workplaces for their employees. OSHA's role is to ensure these conditions for America's working men and women by setting and enforcing standards, and providing training, education and assistance. For more information, visit [www.osha.gov](http://www.osha.gov).





**Register online at [www.ezregister.com/promoters/1607](http://www.ezregister.com/promoters/1607)**

## ADOSH Education and Training Calendar Oct.- Dec. 2016

Registration for each class begins 30 days prior to the date of the class. Most classes are free of charge but are subject to change or cancellation with out notice. Some classes or seminars listed are not exclusively sponsored by ADOSH and may carry a nominal fee to cover the costs of course materials, space or equipment rental, etc. **NOTE: The phone number or web address listed for each class is the number that participants need to call for class questions and are not direct numbers to the ADOSH trainer. Please register on-line at [www.ezregister.com/promoters/1607](http://www.ezregister.com/promoters/1607) Registration Problems? Call 602-542-1769**

### October 2016 On-line Registration Required

|            |               |                                       |                               |          |            |              |            |
|------------|---------------|---------------------------------------|-------------------------------|----------|------------|--------------|------------|
| 10/4/2016  | 9:00 -12:00   | Forklift Train-the-Trainer            | 2675 E Broadway Blvd          | Tucson   | Ornelas    | 520-628-5478 | S Sinohui  |
| 10/5/2016  | 10:00 -11:30  | OSHA Training Requirements            | WEBINAR ONLY                  | Phoenix  | Mandeville | 602-542-1769 | C Trujillo |
| 10/11/2016 | 9:00 - 12:00  | Confined Spaces in Construction       | 500 S Central Bldg D          | Florence | Ornelas    | 520-628-5478 | S. Sinohui |
| 10/12/2016 | 9:00 - 12:00  | Lockout Tagout Program                | 2675 E Broadway Blvd          | Tucson   | Ornelas    | 520-628-5478 | S. Sinohui |
| 10/12/2016 | 1:00 - 3:00   | Fall Protection in Construction       | WEBINAR ONLY                  | Tucson   | Coleman    | 520-628-5478 | S. Sinohui |
| 10/19/2016 | 10:00 - 11:30 | Respiratory Protection Programs       | WEBINAR ONLY                  | Phoenix  | Hanna      | 602-542-1769 | C Trujillo |
| 10/19/2016 | 9:00 -11:00   | General Industry Hazard Recognition   | 180 N 9th St. (City Hall)     | Show Low | Ornelas    | 520-628-5478 | S. Sinohui |
| 10/19/2016 | 1:00 -3:00    | Forklift Safety Awareness             | 180 N 9th St. (City Hall)     | Show Low | Ornelas    | 520-628-5478 | S. Sinohui |
| 10/19/2016 | 1:00 - 4:00   | New Safety Officer                    | 2951 S 21st Dr (Main Library) | Yuma     | Mandeville | 602-542-1769 | C Trujillo |
| 10/20/2016 | 8:30 - 11:30  | Supervisors - The Missing Safety Link | 2951 S 21st Dr (Main Library) | Yuma     | Mandeville | 602-542-1769 | C Trujillo |

### November 2016 On-line Registration Required

|             |               |   |                                   |          |            |              |             |
|-------------|---------------|---|-----------------------------------|----------|------------|--------------|-------------|
| 11/2-3/2016 | 8:00 - 3:00   | OSHA 10 Hour Construction                 | 10220 E Metro Pkwy Radisson Hotel | Phoenix  | ADOSH      | 602-542-1769 | C Trujillo  |
| 11/2-3/2016 | 8:00 - 3:00   | OSHA 10 Hour General Industry             | 10220 E Metro Pkwy Radisson Hotel | Phoenix  | ADOSH      | 602-542-1769 | C Trujillo  |
| 11/2-3/2016 | 8:00 -4:00    | ANNUAL LEADERSHIP SUMMIT                  | 10220 E Metro Pkwy Radisson Hotel | Phoenix  | ADOSH      | 602-542-1769 | C Trujillo  |
| 11/2/2016   | 7:00 - 9:30   | Excavation and Trenching Hazard Awareness | 180 N 9th St. (City Hall)         | Show Low | Ornelas    | 520-628-5478 | S. Sinohui  |
| 11/2/2016   | 10:00 - 12:00 | Confined Spaces Hazard Awareness          | 180 N 9th St. (City Hall)         | Show Low | Ornelas    | 520-628-5478 | S. Sino hui |
| 11/4/2016   | 9:00 - 1:00   | Forklift Train-the-Trainer                | 800 W Washington St               | Phoenix  | Mandeville | 602-542-1769 | C Trujillo  |
| 11/8/2016   | 9:00 - 12:00  | OSHA Recordkeeping                        | 2675 E Broadway Blvd              | Tucson   | Ornelas    | 520-628-5478 | S Sinohui   |
| 11/9/2016   | 8:00 - 11:00  | Welding/Cutting/HotWork Safety            | 2951 S 21st Dr (Main Library)     | Yuma     | Mandeville | 602-542-1769 | C Trujillo  |
| 11/9/2016   | 12:30 - 3:00  | Compressed Gas Cylinder Safety            | 2951 S 21st Dr (Main Library)     | Yuma     | Mandeville | 602-542-1769 | C Trujillo  |
| 11/9/2016   | 9:00 -12:00   | Bloodborne Pathogens Exposure Control     | 2675 E Broadway Blvd              | Tucson   | Ornelas    | 520-628-5478 | S Sinohui   |
| 11/15/2016  | 9:00 - 12:00  | Excavation Hazard Awareness               | 2675 E Broadway Blvd              | Tucson   | Ornelas    | 520-628-5478 | S Sinohui   |
| 11/16/2016  | 10:00 - 12:00 | Fall Protection in Construction           | WEBINAR ONLY                      | Tucson   | Coleman    | 520-628-5478 | S Sinohui   |
| 11/18/2016  | 9:00 - 12:00  | OSHA 300 Recordkeeping                    | 800 W Washington St               | Phoenix  | Mandeville | 602-542-1769 | C Trujillo  |
| 11/22/2016  | 9:00 - 12:00  | Machine Guarding Hazards                  | 2675 E Broadway Blvd              | Tucson   | Ornelas    | 520-628-5478 | S Sinohui   |



**Register online at [www.ezregister.com/promoters/1607](http://www.ezregister.com/promoters/1607)**

## ADOSH Education and Training Calendar Oct-Dec 2016

### December 2016 On-line Registration Required

|            |              |                                      |                               |         |            |              |            |
|------------|--------------|--------------------------------------|-------------------------------|---------|------------|--------------|------------|
| 12/2/2016  | 9:00 -12:00  | OSHA 300 Recordkeeping               | 800 W Washington St           | Phoenix | Mandeville | 602-542-1769 | C Trujillo |
| 12/13/2016 | 9:00 -12:00  | Walking/Working Surfaces Awareness   | 2675 E Broadway Blvd          | Tucson  | Ornelas    | 520-628-5478 | S Sinohui  |
| 12/13/2016 | 1:00 - 4:00  | OSHA 300 Recordkeeping               | 2951 S 21st Dr (Main Library) | Yuma    | Mandeville | 602-542-1769 | C Trujillo |
| 12/14/2016 | 9:00-12:00   | PPE Hazard Assessment                | 2675 E Broadway Blvd          | Tucson  | Ornelas    | 520-628-5478 | S Sinohui  |
| 12/14/2016 | 9:00-12:00   | OSHA's New Silica Standard           | 2951 S 21st Dr (Main Library) | Yuma    | Mandeville | 602-542-1769 | C Trujillo |
| 12/16/2016 | 9:00 - 12:00 | Safety and Health Management Systems | 800 W Washington St           | Phoenix | Mandeville | 602-542-1769 | C Trujillo |

**Register online at [www.ezregister.com/promoters/1607](http://www.ezregister.com/promoters/1607)**

**NOTES: EZRegister Instructions:** TYPE in [www.ezregister.com/promoters/1607](http://www.ezregister.com/promoters/1607) in your URL address bar and enter. All of ADOSH's classes will be listed and you can click on the class you want to attend. Fill in the form and save it to your calendar! Simple and time-saving. If there are any changes we will let you know via email. Webinars are scheduled and when you sign up for the class, a return email will include materials for the class and log-on information. Please register early for training classes and leave contact information. Some classrooms may be limited in size and will require us to limit enrollment. If there are not enough enrolled for the class (10 or more) or if there is an unexpected emergency or illness, the class may be cancelled. While ADOSH tries to contact each student in the event of a cancellation via, if you are traveling a distance, we encourage you to call the day before the class to confirm that the class will still be held as scheduled. **Call the number listed on the roster.**

Finally, please be courteous during cold and flu seasons and do not attend the class if you are suffering symptoms of illness. Viruses are highly contagious and we want to keep all students and instructors healthy during all times of the year. *See you in class!*

#### Join us for Webinar Wednesdays!

Enroll on ezregister for your password



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Webinar Dress Code: PJs Optional!



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|--|---------------|---------------------------------|
| 10/5/2016  | 10:00 -11:30  | OSHA Training Requirements      |
| With ADOSH Training Officer Jenny Mandeville         |               |                                 |
| 10/12/2016   | 10:00 - 12:00 | Fall Protection in Construction |
| With ADOSH Safety Consultant Landon Coleman          |               |                                 |
| 10/19/2016   | 10:00 - 11:30 | Respiratory Protection Programs |
| With ADOSH Industrial Hygiene Specialist Bruce Hanna |               |                                 |
| 11/16/2016   | 10:00 - 12:00 | Fall Protection in Construction |
| With ADOSH Safety Consultant Landon Coleman          |               |                                 |



Photo from [www.letstalkaboutwork.tv](http://www.letstalkaboutwork.tv)

### La Fuente Obrera - A Worker's Sourcebook: Help for Training in Spanish

LOSH's Spanish Resource Library has compiled Spanish-language training materials about occupational health and safety for workers, trainers, as well as their employers, and health professionals. The aim of the program is to have materials at easy access to Spanish-speaking workers.

The most popular resource has been our Spanish-language Worker's Sourcebook called "La Fuente Obrera", now in its third edition. This booklet contains 50 categories organized according to industries or activities. You will need Adobe Acrobat Reader to view the Sourcebook. [www.losh.ucla.edu/losh/resources.../la-fuente-obrera/cover.pdf](http://www.losh.ucla.edu/losh/resources.../la-fuente-obrera/cover.pdf)





## VPP and SHARP News



ARCpoint Labs of Scottsdale was approved for SHARP award on 6/15/2016. They are the first and only medical laboratory that received SHARP recognition in Arizona!

ARCpoint Lab's services encompass both on-site and off-site pre-employment, random, post-accident and reasonable suspicion testing. In addition to workplace and wellness testing capabilities, serving many judicial, athletic, and medical clients across the United States.

ARCpoint Labs (Corporate) has been in the drug and alcohol testing business for over eighteen years and has over sixty years of combined staff experience. Congratulations ARCpoint Labs!



Congratulations to L&H Industrial for earning SHARP status at their Tucson, Arizona facility L&H Tucson. Supporting L&H operations in the southwestern USA and northern México, their Tucson facilities also warehouse an extensive inventory of ready-to-ship components and assemblies for heavy equipment in the mining, oil and gas, and other industries. The Tucson facility employs approximately 7 workers of the 270 employed with the company. L&H Tucson joins L&H Tempe, the first company SHARP site, in their dedication to safety and the lives of their workers under the able direction of Safety/HR Director Tyler McLaughlin.



Schnipke Southwest, LLC recertified their SHARP status in April this year. The company has been in business for 14 years and employs 36 workers, at their Tucson location, who are engaged in plastic injection molding of medical equipment. Management has implemented an effective Safety and Health Management System and "Lean" processes to promote their safety program. Input from employees about safety concerns is valued and employees serve on a Safety Committee. Congratulations Schnipke Southwest! Photo at left: Plant Manager Jim Harris and Office Manager Grace Patterson are pictured accepting the ADOSH SHARP Certificate and Letter.



## UTC AEROSPACE SYSTEMS and MC CARTHY BUILDING COMPANIES Awarded for Excellence in Safety



**UTC Aerospace Systems successfully accomplished their VPP Recertification as a STAR site! This is the company's fourth recertification. Congratulations on establishing a tradition of consistent safety integrity!**

UTC Aerospace Systems is one of the world's largest suppliers of technologically advanced aerospace and defense products. They design, manufacture and service systems and components and provide integrated solutions for commercial, regional, business and military aircraft, helicopters and other platforms. They are also a major supplier to international space programs.

Their customers include original equipment manufacturers that build aircraft and helicopters, engine manufacturers, and airlines, as well as defense agencies and contractors. Their stated commitment is to help their customers develop and maintain safer, lighter, more reliable and more efficient aircraft and other platforms.

**McCarthy Building Companies celebrated their successful VPP recertification and maintains their STAR designation.**

McCarthy Building Companies, a Phoenix-based contractor, is currently managing projects throughout the State of Arizona. Over the past three years, nine McCarthy projects were visited by the ADOSH Consultation Department.

"The McCarthy Building Companies projects were all great examples of how management and employees were involved with safety through active participation in the complete safety and health program," said Jessie Atencio, assistant director for ADOSH. "Their team should be proud to be one of five construction companies in Arizona that has achieved this level of recognition."

"McCarthy Building Companies has earned this distinction through their relentless effort in keeping employees safe", said Industrial Commission Chairman Dale Schultz. "Partnering with businesses to achieve the highest safety standards is a process whereby employers, employees, and the agency all win."



Pictured above, L-R: ADOSH Director Bill Warren, McCarthy Building Companies Southwest Division Safety Director Kevin Maas, McCarthy Building Companies Southwest President Bo Calbert, ICA Chairman Dale Schultz, and ADOSH Assistant Director Jessie Atencio.

Congratulations McCarthy Building Companies for demonstrating dedication and consistently promoting safety and health for your employees!





## GE HEALTHCARE —PHOENIX Awarded for Excellence in Safety

ADOSH congratulates GE Healthcare Phoenix for reaching VPP Status and joins the company in celebrating their achievement!

GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Their "healthymagination" vision for the future invites the world to join them on their journey as they continuously develop innovations focused on reducing costs, increasing access and improving quality around the world. Their broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services helps their customers to deliver better care to more people around the world at a lower cost. In addition, they partner with healthcare leaders, striving to leverage the global policy change necessary to implement a successful shift to sustainable healthcare systems. Headquartered in the United Kingdom, GE Healthcare is a unit of General Electric Company (NYSE: GE). Worldwide, GE Healthcare employees are committed to serving healthcare professionals and their patients in more than 100 countries. GE Global Ultrasound Probes, a division of London-based GE Healthcare's ultrasound business, employs 250 people at its Phoenix plant at 4313 E. Cotton Center Blvd. GE Healthcare employs 50,000 people around the world. GE Healthcare Phoenix is involved in the production of the cardiovascular ultrasound system developed at its Phoenix facility.

Photos below: Upper Left—ICA Chairman Dale Shultz congratulates the team on their VPP achievement and encourages employees in their efforts.

Lower Left—ADOSH Director Bill Warren shares his appreciation for the exemplary commitment to safety shown by the GE Healthcare team.

Right—GE Healthcare Phoenix Plant Manager Jake Beeman speaks to his employees during the VPP Celebration.



Are you wondering if your company has what it takes to qualify for SHARP or VPP Status? Assistant Director Jessie Atencio or Consultation Supervisor Babak Emami can advise all interested companies wanting to know what they need to do to get ready for SHARP or VPP! If you are your company's lone Safety Officer or you have an organized safety committee, schedule a VPP planning meeting with Babak Emami and ask all the questions you have about the process. ADOSH is seeking to honor companies with exemplary safety programs. You don't have to be perfect, just working toward providing your employees with a safe workplace with management commitment and employee involvement, hazard recognition and control, and safety training. ADOSH can help you achieve your safety goals! Call ADOSH Consultation at 602-542-1769 to start the ball rolling.





## ADOSH OUT AND ABOUT



We had a full house for the “Legalizing Marijuana: How Will It Effect Workplace Safety?” class held on August 17 at the Industrial Commission of Arizona Auditorium. The three hour class was presented by Gina Kesler (D&A Experts), Jo McGuire (President Five Minutes of Courage) and Ed Gogek, MD., (author of Marijuana Debunked.) Gina Kesler presented information about the Arizona bill and the impact of legalized marijuana. Jo McGuire presented information on the effect legalized marijuana has had in Colorado on workplaces, communities and the use of taxes garnered from sales of marijuana. Dr. Gogek presented information on the physical effects of marijuana, especially the new marijuana products with the high THC levels. Therapeutic use of medical marijuana was also discussed. The audience had many questions that were fielded by the three, including questions about employer’s responsibility to have to determine if a person is under the influence of a marijuana or if safety is compromised because of use. Gina Kesler will repeat much of this information at the November Safety Summit, so if you missed this class, you have another chance to attend! See you there!



During Copperpoint Mutual’s Safety Works Expo, held in Phoenix at the Cotton Center, Communications Manager Bruce Trethewy announces a panel discussion session. ADOSH Director Warren and Assistant Director Atencio were invited to participate on the panel.

ADOSH Training Officer Jenny Mandeville was invited to teach a recordkeeping update class.

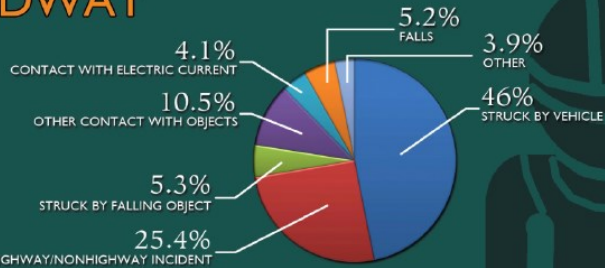




## Just Sayin'...

### CAUSES OF ROADWAY FATALITIES

Total Work Zone-Associated Worker Fatalities 2003-2010: **962**



Source: Monthly Labor Review, Nov. 2013

**More than half (58.7%) of backovers involve a dump truck**

**In about one-third (31.1%) of backover fatalities, no back-up alarm was functioning.**

**In about 1 out of 10 fatalities, workers were flagging (3.3%) or performing traffic control duties (6.3%)**

**About 20% were wearing high visibility clothing**

**4% KILLED BY CONTACT WITH ELECTRICITY**

**2.4% TRENCH COLLAPSES KILLED OF ROAD WORKERS**

**2% LESS THAN OF WORKERS WERE KILLED BY A DRUNK DRIVER**

**FALLS TO LOWER LEVEL KILLED 4.7% OF WORKERS**

**A THIRD WERE NOT USING FALL PROTECTION YET WORKERS WERE WORKING ON BRIDGES OR OVERPASSES**

Through the OSHA and the Roadway Work Zone Safety and Health Partners Alliance, the Alliance participants developed this graphic for informational purposes only. It does not necessarily reflect the official views of OSHA or the U.S. Department of Labor.

### Zap Zika Video Series



CDC has released a series of videos that encourages Zika preventive behaviors. You can check out more videos by accessing CDC's [Zika Video Resources](https://www.cdc.gov/zika/video-resources) page.



## HAZARD IDENTIFICATION TRAINING TOOL

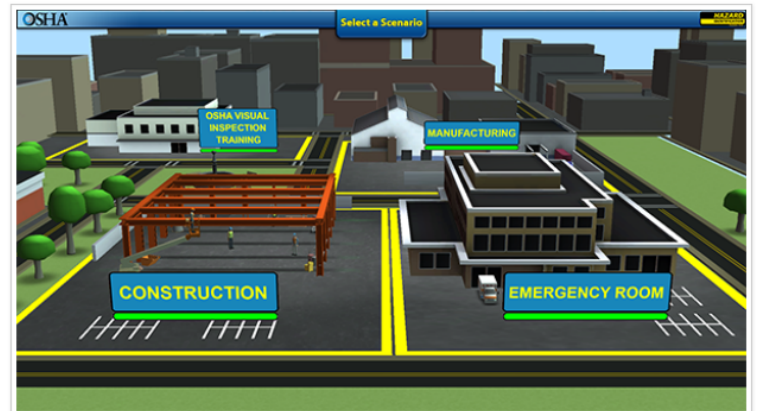
[Introduction](#) [How to Play](#) [Manual & Resources](#)

**OSHA's Hazard Identification Training Tool** is an interactive, online, game-based training tool for small business owners, workers and others interested in learning the core concepts of hazard identification. After using this tool, users will better understand the process to identify hazards in their own workplace.

This tool is intended to:

- (1) Teach small business owners and their workers the process for finding hazards in their workplace,
- (2) Raise awareness on the types of information and resources about workplace hazards available on OSHA's website.

**Important:** This is a learning tool. The items presented in this tool are for training purposes only and the visual representations are conceptual and do not always show specific control for hazards. OSHA inspections and possible citations and penalties for violation of OSHA regulations are **NOT** part of this tool. Employers and workers must consult the applicable OSHA standards for the specific requirements applicable to their workplaces when developing and implementing their own hazard identification program.



[Click here to begin the Hazard Identification Training Tool](#)

START

Use this new tool on: <https://www.osha.gov/hazfinder/>



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**We're on the WEB!**

**<http://www.azdosh.gov>**

***ADOSH ADVOCATE***

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