

## The newsletter has changed!

Over the past few years we at ADOSH have been trying to improve all facets of our business. Since the adoption of the Arizona Management System (AMS) the Cooperative State Programs, Consultation, and Outreach Training programs have been searching for ways to improve the speed of business and customer service. The ADOSH Advocate was one area we wanted to improve. Therefore we have come up with a way to update our look as well as meet the needs of businesses and employees in the state of Arizona who depend on reliable information as well as simple ways to comply with the OSHA standards.

One way that we are improving the newsletter is by having consistent content inside every issue. You can expect to have the most important OSHA/ADOSH issues that everyone is facing in the community on the front page. For instance, the federal Silica standards have been at least half of our calls in the past two months. Employers wanted to know more about what was happening with the standard and how to comply. Therefore we dedicated articles and outreach training for employers and employees wanting to know more about the subject. Other areas we will discuss in each newsletter include the following: Best Practices, ADOSH Community Outreach, Ways to Partner with ADOSH, Industry Leaders for Safety, Training Calendars, Fatality Update, Hazards Out in the Open, ADOSH Partner Events and Industry Alerts.

The updated ADOSH Advocate will definitely be a resource for employers and employees who work in any capacity in the state. If there is a topic you would like for us to address or explore, please send a comment to: [Comments@azdosh.gov](mailto:Comments@azdosh.gov). We hope that you like the new changes!

### Contact Information

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Industrial Commission of Arizona



@IndCommAZ



Mill Machine

### In This Issue

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- Best Practices
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- Industry Leaders for Safety
- Fatality Update
- Hazards out in the Open
- ADOSH Partner Events
- Industry Alerts



Employee Cutting Mason Blocks

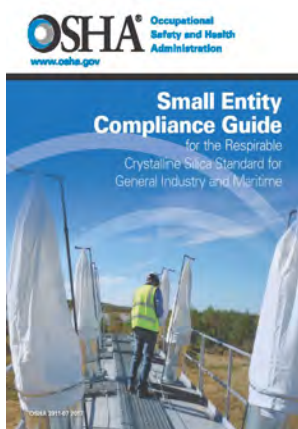
## OSHA/ADOSH Silica Standard Update

The Occupational Safety and Health Administration (OSHA) has issued a final rule to curb lung cancer, silicosis, chronic obstructive pulmonary disease, and kidney disease in America's workers by limiting their exposure to respirable crystalline silica. The rule is comprised of two standards, one for Construction and one for General Industry. The enforcement date was scheduled for June 23, 2017 for construction and June 23, 2018 for general industry.

In early April the Deputy Assistant Secretary for federal OSHA issued a memo delaying the June 23rd enforcement date for construction until September 23rd, 2017. At this time ADOSH has not fully adopted the standard pending external review to incorporate the standard, thus ADOSH will wait to fully adopt. Until then ADOSH encourages employers to be proactive when assessing their workplaces for engineering controls to implement as well as contacting ADOSH Consultation services for **free** help with developing a program as contained in the two guides listed below or identifying processes that can produce silica dust.

To help businesses, ADOSH Outreach Training will continue to host a three hour traditional class in our Phoenix and Tucson offices for employers and employees to attend. A few webinars will also be added to the training calendar that address silica. The webinars will be one to two hours in length based on the participants activity with questions following the power point presentation. If any employer feels confident in delivering the new Silica Standard training to their employees, please contact our Phoenix Consultation department for our DVD filled with silica resources.

Want more information on Silica?



## General Industry Walking-Working Surfaces & Fall Protection

OSHA's final rule on Walking-Working Surfaces and Personal Fall Protection Systems better protects workers in general industry from fall hazards by updating and clarifying standards and adding training and inspection requirements. The rule affects a wide range of workers, from window washers to chimney sweeps. It does not change construction or agricultural standards.

The rule incorporates advances in technology, industry best practices, and national consensus standards to provide effective and cost-efficient worker protection. Specifically, the rule updates general industry standards addressing slip, trip, and fall hazards (subpart D), and adds requirements for personal fall protection systems (subpart I).

Where possible, OSHA aligned fall protection requirements for general industry with those for construction, easing compliance for employers who perform both types of activities.

ADOSH is in the process of adopting the walking-working surface standard for General Industry by the end of fiscal year 2017. If you would like more information on the new standard please feel free to contact ADOSH Consultation office at: 1-855-268-5251. Upon request, a consultant can evaluate your workplace for **free** and without penalty or citation.



Employee Using Fixed Ladder

Both these publications can be viewed at: <https://www.osha.gov/Publications/OSHA3902.pdf> & <https://www.osha.gov/Publications/OSHA3911.pdf>





## Did You Know?

ADOSH Consultation consultants visited more than 600 private and public sector employers in Federal Fiscal Year 2017! Through our efforts, consultants identified and abated more than 1,900 hazards with more than 70% considered serious.

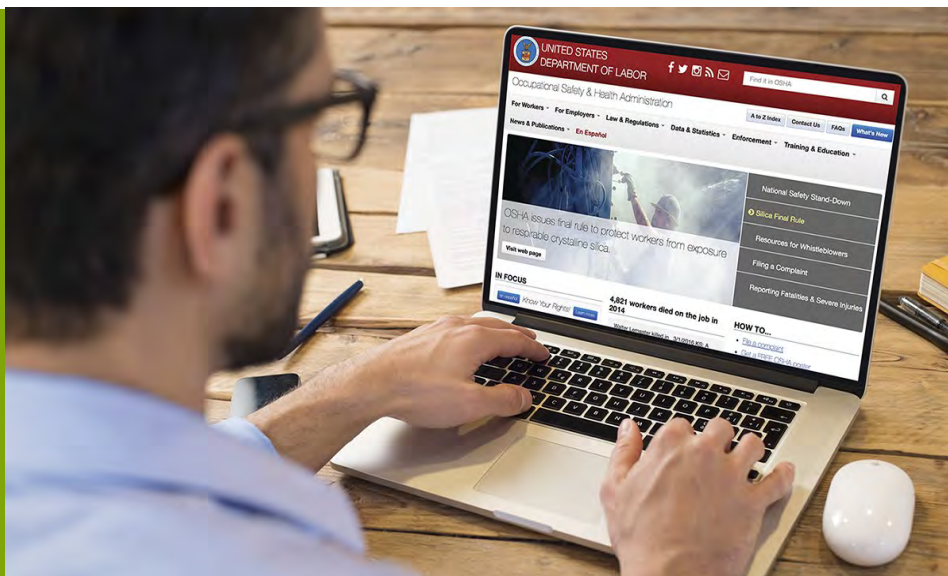
Additionally the consultants helped keep safe over 21,000 employees who were exposed to hazards found. Employers who used the service gain valuable information on how to recognize hazards in the workplace as well as implementing ways to proactively find hazards before an injury or illness occurs in their workplace.

If you have not considered a **free** workplace assessment please do. No citations or penalties are ever proposed and all visits are confidentially withheld from any compliance activity.



to mention that sales increase  
are given the possibility to  
you may even benefit from  
Credit Card providers.

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economic conditions. Prov



OSHA Recordkeeping Website

## OSHA/ADOSH Recordkeeping Update

If you have been reading our previous ADOSH Advocates you know that the OSHA Recordkeeping rule was updated. It was updated to include the notification to ADOSH or any OSHA office of a serious injury where an employee is admitted to a hospital or clinic. This care must go beyond basic observation. If this occurs in your workplace you are required to notify ADOSH/OSHA within 24 hours. ADOSH has set up a procedure for handling these calls and all are responded to in a timely manner.

Another update to the rule is the requirement to prevent whistleblower retaliation and incentive programs that discourage reporting a workplace injury or illnesses. We at ADOSH are familiar with incentive programs that discourage reporting an injury or illness and we help to educate employers who want to have a proactive approach to safety and thus reward with some type of free give away to reinforce the culture on the jobsite. Having this type of program relies heavily on a proactive approach where employees complete a certain number of process improvements in the workplace or inspections in the areas where employees work. Both are good examples an employer can deploy to actively increase management and employee involvement in a safety culture.

Finally, the update requires employers to report the number of injuries and illnesses in the workplace. ADOSH Leadership has been working hard to communicate with our stakeholders that our state website will not have a system in place for uploading any injury and illnesses information for the first wave of employers required to report the data. Therefore we have elected to use the federal OSHA recordkeeping "Injury Tracking Application". The application can be viewed at the following web address: <https://www.osha.gov/injuryreporting/index.html> This application was launched in July and is available to use. The mandatory date to report the information is December 1, 2017.

As always, if you have any questions on what is going on with recordkeeping please feel free to contact our ADOSH Consultation Offices in Phoenix or Tucson where a consultant can provide you with further guidance. Don't forget to ask about our **free** CD filled with recordkeeping information that can be used to enhance training and personal knowledge.



Drone Used on Construction Site for Inspections

## Drones Are Everywhere!

*Once considered a hobby, drones are now making their way into the workplace. While ADOSH does not have specific regulations addressing them, there are other federal and local agencies who do. This article was submitted to the ADOSH leadership for consideration in our next ADOSH Advocate. It addresses the hazards with drones and requirements for safely using them in public. ADOSH would like to thank Julie Pace of the Cavanaugh Law Firm and Paradise Valley City Council for sharing a column she wrote in August of 2017.*

What if you buy your teenager a drone? What responsibilities does owning a drone entail? What are the rules for operating drones? Did you know drones are prohibited from operating during emergency rescue operations? Paradise Valley Police Chief Peter Wingert and the American Coalition of Public Safety (ACOPS) committee recognize evolving technology offers opportunities for fun, but technology also can result in safety issues that individuals need to be aware of and avoid.

Because drone technology and its impact in communities is still relatively new, some issues have surfaced and ACOPS wants to educate parents and drone users to avoid tragedies. ACOPS Committee member Larry Fink explained his approach to drones as he wrote a drone agreement for his son to review and sign before his son was provided the opportunity to own and operate a drone.

### FAA Regulations and Do's and Don'ts of Operating Recreational Drones:

1. Do not operate around emergency response operations (fires, rescues, etc.)
2. Yield right of way to manned aircraft (helicopters and planes).
3. Never fly near other aircraft.
4. Never fly over groups of people.
5. Never fly over stadiums or sporting events.
6. Keep drones in sight.
7. Fly at or below 400 feet.
8. Notify airport and air traffic control tower before flying within 5 miles of an airport.
9. Never fly under the influence of drugs or alcohol (including prescription drugs).
10. Register with Federal Aviation Administration (FAA) if over 55 lbs.
11. Registration costs \$5 and is valid for 3 years.
12. To facilitate a safe return, label drone with FAA registration number.
13. Registrants generally must be 13 years of age or older.
14. Registrants must be a US citizen or legal permanent resident.
15. Registrants must follow community-based safety guidelines.
16. Registrants must read and understand safety guidelines.
17. Recreational means flying for enjoyment, and not for work or pay.
18. Must not operate in any National Parks to avoid harming visitors.

(continued on page 6)

## Planning for Success

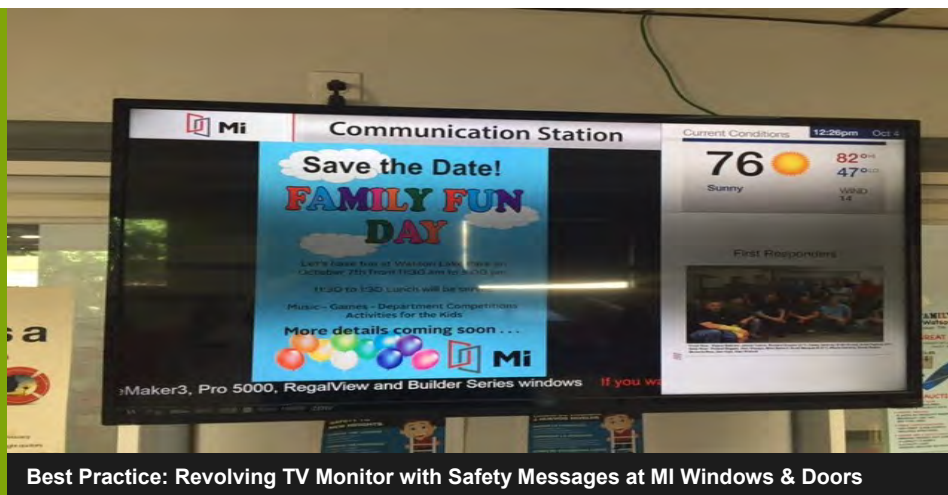
Both Bill Warren and I travel throughout the state speaking with employers, associations, and organizations about the OSHA standards. While speaking with attendees we cannot help but remind them of the importance of pre-planning activities to complete a job safely.

Pre-planning a work activity is both basic and highly productive when preventing an incident from occurring. Employers and employees who take the time to pre-plan a work activity can determine what personal protective equipment (PPE) is needed or what type of training is needed to complete a task. To help businesses, ADOSH Consultants work with employers to develop Job Safety Analysis (JSA) assessments. A JSA is another tool used by an employer or employee to assess the workplace for hazards and ways to control them. These assessments are easy to implement in any industry. If you would like more information on these Job Safety Analysis please feel free to visit with our consultants in our Phoenix or Tucson office.



## Would you like to receive the ADOSH Advocate for Free?

The ADOSH Advocate can be sent to your email for free. If you, or anyone you know, would like to receive this newsletter in the future, simply visit our advocate webpage: <https://www.azica.gov/adosh-newsletter> and click on the button next to the ADOSH Advocate, provide your email address, we'll take care of the rest.



## Best Practices Separate the Good from the Great

Let's agree that the minimal standards are the OSHA standards. Many employers both small and large comply in some way with the OSHA standards in the workplace on a daily basis. For the many that do, you may consider that a success, although if I told you that there are many companies who are flourishing in implementing best practices for their workplaces and reducing injury/illnesses at a high rate would you believe me? I am sure many reading this article would say yes and no. The "yes folks" would obviously be from a mature safety and health management system that promotes employee and employer involvement thus creating culture beyond the OSHA standards. The "no folks" may think that the law for safety and health comes in the form of the OSHA standards and that is true, but for those of you who stop here, you are missing out on another chapter of safety and health.

This article is an improvement from our previous ADOSH Advocate newsletters. The reason we here at ADOSH believe this article is different and important is because we see many employers who implement best practices at every opportunity they can for safety. ADOSH maintains exemplary programs, the Safety and Health Achievement Recognition Program (SHARP) and the Voluntary Protection Program (VPP) are the two best ways we can learn from what industry and current best practices. Therefore, we will be working with our exemplary program participants to submit an article for all Arizona businesses to consider implementing in their respective workplace in the next ADOSH Advocate.

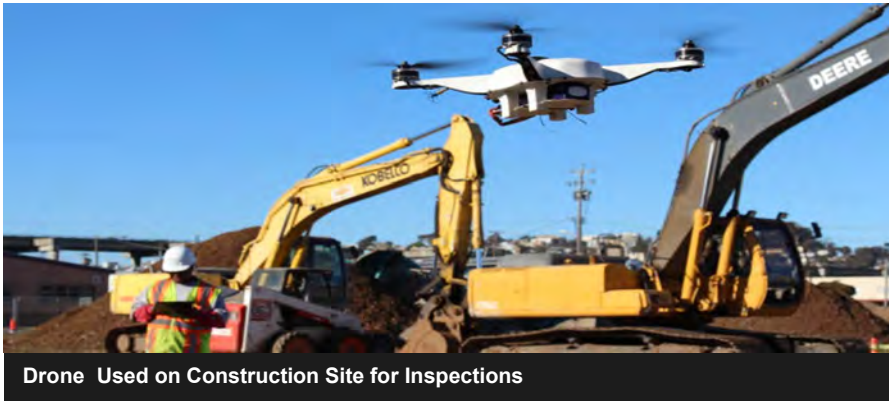
This first article will be on messaging for safety and health in the workplace. Now, let's be honest, how many of us have visited a site that has some poster or sign alerting employees to be safe while on the job?

I know we all have seen them at some point in our careers. The problem with messaging is that it has to mean something to employees and leadership for it to make an impact. Take for example this sign I recently saw.



*(continued on page 7)*





Drone Used on Construction Site for Inspections

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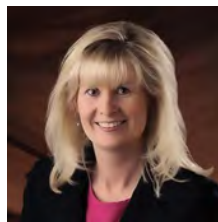
Flying for work has its own set of very specific rules that must be followed, including flying under 400 feet, flying in daylight only, not flying over people, not flying from a moving vehicle, maintaining visual contact of drone, passing TSA vetting, securing a Remote Pilot Certificate, and more. A full list of the commercial requirements can be found in Part 107 of the FAA regulations.

Recently, conflicts have emerged when individuals are operating drones around emergency rescue operations. One recent incident involved a construction worker who had fallen from the roof of a building in Casa Grande. The evacuation helicopter was delayed and could not land because an adult sent a drone up to film the emergency rescue operations. Delays in providing medical services and evacuation can cause harm and even death to others. Drone operations need to fly responsibly.

In July, the response to the Burro Fire in the mountains near Tucson was adversely impacted by drone incursion. Many individuals came toward the fire to fly drones and capture it on film, but they prevented aircraft from dropping flame retardant or water. Logistically, drones are causing new issues and distractions for emergency rescue operations. A drone that is 8 to 12 pounds in weight can seriously injure someone if struck. When operating drones, be cautious and aware of the dangers of a drone falling and harming others or damaging property.

Similar to drivers pulling over the right side of the road when they observe and hear the sirens of emergency rescue vehicles in operation, all individuals need to have the same awareness when it comes to operating drones during emergency operations.

*Editor's note: Ms. Pace is a member of the Paradise Valley Town Council*



## ADOSH Fatality Update

Over the past year ADOSH has investigated accidents that resulted in a workplace fatality. They ranged from falls to electrocutions. Nevertheless we would like to provide all our readers with the current stats so that they can be communicated across all business functions and thus prevent them from occurring in your own workplace.

1. An employee was dropping off a load hauled from Canada to a trucking center, when the employee climbed underneath the trailer to release the load and was crushed by a tire.
2. An employee was pulling ground wire through a service entrance section switch gear/panelboard and contacted the live busbar and was electrocuted.
3. One employee was fatally struck by a semi-truck that was backing up to a loading dock.
4. One employee was crushed when a forklift carrying a load dropped steel plates on the employee.
5. An employee conducting roofing work fell through a skylight and was fatally injured.
6. One employee was fatally injured when he was operating a forklift with a load that turned over the equipment and crushing him.
7. One employee fell from a trailer when he was unloading the contents within.
8. One employee was fatally stung by bees while conducting landscaping services at a private residence.
9. One employee fell from over 20' from a



## Ok, how about another try at this...would you like to receive the ADOSH Advocate for Free?

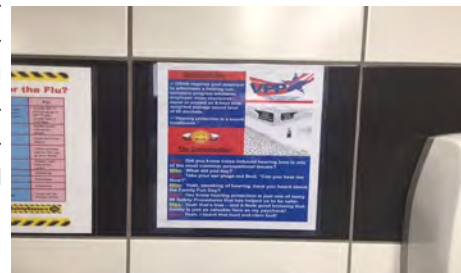
The ADOSH Advocate can be sent to your email for free. If you or anyone you know would like to receive this newsletter in the future, simply visit our advocate webpage: <https://www.azica.gov/adosh-newsletter> and click on the button next to the ADOSH Advocate and provide your email address. We will take care of the rest.



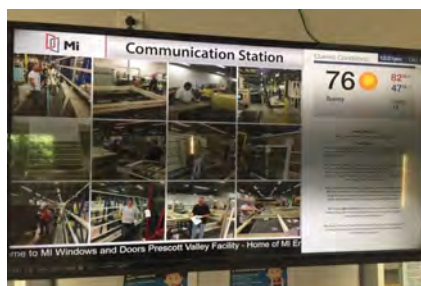
VPP Star site Palo Verde Generation Station employees stand in front of their message

### *Continued from page 5*

The safety sign in the example is from a local parts store. They used the word “part” in a very simple yet creative way to reference their store employees. Now lets look at some other ideas from one of our VPP Star sites. MI Windows and Doors is our newest employer in the VPP program. While on their journey for Star status, the leadership knew they had to create a messaging campaign around safety and health. It is important to note that MI always had messaging but what they did to expand on that was creative and very inexpensive to implement in the workplace. Covering most of the workplace were messages of safety except for the bathrooms. MI safety committee and leadership visited Print Pack down the street in Prescott Valley and bench marked their simple messages placed in all the bathrooms. The result, messaging covering all areas in the plant. While washing their hands, MI employees, could study up on VPP elements and OSHA facts.



The last improvement for messaging that MI implemented was their breakroom TV revolving messages. The TV's were broken up into static information and actual videos on safety



measures.

Employees we spoke to



often commented on the TV messages as better ways to highlight a safety goal or focus for the company.

We hope this brief article will help you and your current workplace think about messaging and how it can be better delivered to any worker at any level.



ADOSH Director Bill Warren is set-up and ready to inform the ARCA members on our Alliance

## Always looking for Partners

Whether it be a Partnership like our Public Entities Partnership Program (PEPP) or an Alliance with industries, ADOSH continues to work at building relationships in the communities we serve. For those that do not know, we have partnerships focused around a grassroots approach to safety where we pair your business with a consultant, address hazards in the workplace, and help to develop programs aimed at reducing injuries and illnesses. An example of a partnership is our PEPP program. There are currently nine cities and counties working with our consultants to improve safety and be recognized for the efforts they put forward on a day to day basis. We at ADOSH are proud to say that there are some exciting safety practices being used by the public entities we partnered with in the state and look forward to sharing those in our future ADOSH Advocate Best Practice section.

Alliances are another way we get involved with industries or organizations. ADOSH has five Alliances centered around safety and health professionals who represent a private employer. An example of this type of Alliance is with the Arizona Chapter of Associated General Contractors and the Arizona Builders Alliance. We routinely meet at the AGC's/ABA's main office in Phoenix. EHS professionals and ADOSH collaborate on safety messages, training, and ways to involve the workforce that is in the industry. Together we will build a stronger and safer Arizona.

A unique Alliance was formed with Roofing Company Owners who wanted to know more about the ADOSH inspection process and current ADOSH updates. This group has been working tirelessly to promote fall protection in the state of Arizona. Together we produced flyers for Alliance meetings and a CD filled with resources for fall protection that included a power point presentation. A final example of our Alliances is one we created with the ASU Del E Webb School of Sustainability. ADOSH and the school will focus on preventing accidents through design and ways to help employees understand the value of a safety process in the workplace.

If you know of a business, organization, or industry that would like to partner or form an Alliance with ADOSH please feel free to contact Jessie Atencio, Assistant Director, at 602-542-1694. He oversees the Cooperative State Programs for ADOSH.

## New way for Testing Your Fall Protection Anchor

Fall protection systems are very common these days. Any employer, who successfully uses a fall protection system in construction when employees are working 6' or more above a lower level, understands the importance of a good anchor system. I recently attended an association safety meeting where a third party vendor demonstrated a new testing system for fall protection anchors.

Since so many employers are asked about their anchor system they use and whether or not it can support the load, this may be a good tool for someone to consider when implementing their fall protection system. As always, **ADOSH does not endorse nor certify any product over another. Rather we thought it was important to highlight some advancements in safety tools out in the market.**

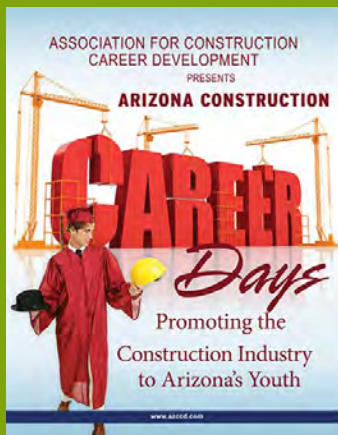


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## Arizona Construction Career Days is Fast Approaching

Once again the Annual Arizona Construction Career Days is fast approaching at the end of the month of October for Southern Arizona and in November for central Arizona. ADOSH has always been a supporter of the event as we have a goal of also providing OSHA awareness training for any student about to graduate and entering the workforce. We host a booth with **free** giveaways. Our focus is to provide our future workforce with the understanding that ADOSH can be a resource for their future endeavours.



Students from around Arizona experience building small tool boxes at the ACCD.



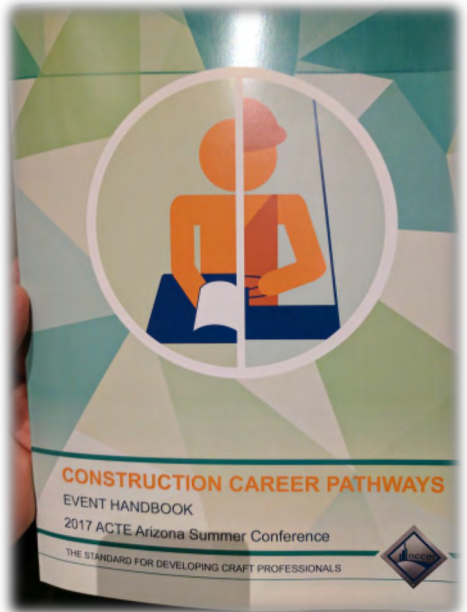
AZ Dept. of Education ACTE Coordinator speaks to stakeholders at the Construction Career Pathways Roundtable event in Tucson

## There is a Labor Shortage in the Construction Industry

If you have heard by now or know someone in the construction industry, there is a labor shortage both on commercial and residential projects! This shortage causes businesses to look for talent in areas all over the state. One of the great things I do is visit with organizations and associations on an array of topics that deal with OSHA. One of the those groups happens to deal with the Arizona Department of Education, specifically the Arizona Career and Technical Education (ACTE) program. The ACTE program offers high school alternative curriculum like welding, machine shop, or construction sciences for the students.

We at ADOSH are supporting the ACTE programs by providing ADOSH information for young workers in construction. Knowing how to use proper personal protective equipment (PPE) is very basic, but also essential for those working in the construction industry. Therefore much of our promotion is on rights and responsibilities for all on a jobsite as well as using the right PPE for the job.

Being part of the discussion for Arizona's future workforce is exciting for us at ADOSH. We hope to add value to any school curriculum so long as it is needed!





ADOSH Director Bill Warren asked to speak at the CopperPoint Safe Works Conference.

## ADOSH Out and About

Being asked to speak at a safety or health trade show is something ADOSH Leadership takes pride in. We are honored to be asked by the many events that take place in Arizona. This past quarter we participated in CopperPoint Mutual's Safety Works events in Tucson and Phoenix as well as the National Federation of Independent Business (NFIB) monthly meeting. ICA Chairman Dale Schultz recently attended the Southeastern Arizona Contractors Association in Sierra Vista. He spoke on the positive and proactive approach to safety we are building at the ICA. This approach includes our Alliances, Partnerships, and our Exemplary Programs like the VPP. If you would like a guest speaker at your next trade show, please simply call our Phoenix office.

Assistant Director Jessie Atencio was invited by NFIB State Director Farrell Quinlan to speak about ADOSH outreach events and ways to partner with the Division. Members in the audience had an opportunity to speak about emerging issues like Silica and OSHA Record-keeping.



ICA Chairman Dale Schultz, ADOSH Director Bill Warren, and Asst. Director Jessie Atencio attend the 48th Annual ARCA event in Flagstaff

## Southeastern Arizona Contractors Association

ICA and ADOSH representatives traveled down to Sierra Vista in August as guests of SACA. The members asked for an ICA update and information on ADOSH's cooperative programs that are leading the way for safety and health in Arizona.

Many members in attendance were small businesses who wanted to know more about ways to be involved with ADOSH and also know about updated OSHA standards.

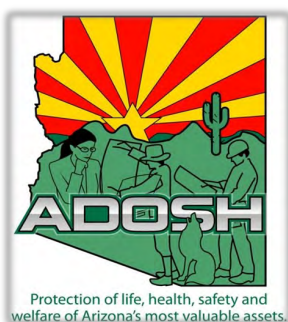


ICA Chairman Dale Schultz addresses the SACA members at their quarterly Safety Luncheon



SACA members sign-in and get ready to hear ADOSH Assistant Director Jessie Atencio speak about ADOSH Happenings





## ADOSH Education and Training Calendar

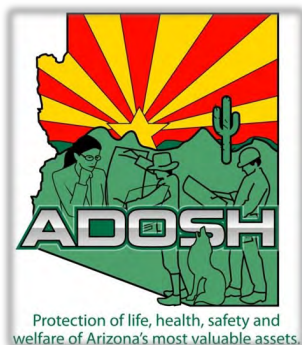
### October 2017

10/12/2017	8:00 - 11:00	Walking Working Surfaces - GI	180 N 9th St	Showlow	Joe Ornelas	520-628-5478
10/12/2017	12:30 - 4:00	Confined Space Safety Awareness	180 N 9th St	Showlow	Joe Ornelas	520-628-5478
10/13/2017	9:00 - 11:00	Silica in the Construction Industry	WEBINAR ONLY	Tucson	Michael Martin	520-628-5478
10/17/2017	9:00 - 12:00	Small Business Handbook Training	800 W Washington St	Phoenix	Joe Ornelas	602-542-1769
10/18/2017	8:00 - 4:00	ADOSH Yuma Regional Summit	2951 S 21st Dr	Yuma	Joe Ornelas	602-542-1769
10/18/2017	8:00 - 4:00	ADOSH Yuma Regional Summit	2951 S 21st Dr	Yuma	Jenny Mandeville	602-542-1769
10/23/2017	9:00 - 12:00	General Industry Hazard Recognition	135 W Pinal St	Florence	Joe Ornelas	520-628-5478
10/25/2017	9:00 - 12:00	Lockout - Tagout Principals	2675 E Broadway Blvd	Tucson	Joe Ornelas	520-628-5478
10/25/2017	9:00 - 12:00	Bloodborne Pathogens Exposure Control	800 W Washington St	Phoenix	ADOSH Staff	602-542-1769
10/26/2017	9:00 - 12:00	Construction Focused Four	800 W Washington St	Phoenix	Joe Ornelas	602-542-1769
10/26/2017	1:00 - 4:00	OSHA 300 Recordkeeping	800 W Washington St	Phoenix	ADOSH Staff	602-542-1769
10/27/2017	9:00 - 4:00	ADOSH Roofer Alliance Fall Protection	WEBINAR ONLY	Phoenix	Jessie Atencio	602-542-1769

***To register for a class please feel free to call either office or number listed next to the trainer providing the class!***







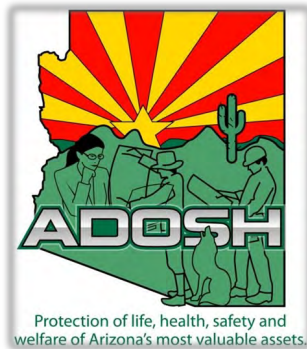
## ADOSH Education and Training Calendar

### November 2017

11/1/2017	9:00 - 12:00	Silica in the Construction Industry	800 W Washington St	Phoenix	Devon Shaffer	602-542-1769
11/2/2017	9:00 - 12:00	OSHA Inspection Walk-through	800 W Washington St	Phoenix	Devon Shaffer	602-542-1769
11/7/2017	8:30 - 12:30	Forklift Train-the-Trainer	2675 E Broadway Blvd	Tucson	Joe Ornelas	520-628-5478
11/9/2017	8:30 - 12:30	Forklift Train-the-Trainer	800 W Washington St	Phoenix	Joe Ornelas	602-542-1769
11/15/2017	8:00 - 4:00	ADOSH Leadership Safety Summit	15249 N 59th Ave	Glendale	ADOSH Staff	602-542-1769
11/16/2017	8:00 - 3:00	ADOSH Leadership Safety Summit	15249 N 59th Ave	Glendale	ADOSH Staff	602-542-1769
11/21/2017	9:00 - 12:00	Excavation Safety Awareness	2675 E Broadway Blvd	Tucson	Joe Ornelas	520-628-5478
11/23/2017	9:00 - 12:00	Small Business Handbook Training	800 W Washington St	Phoenix	Joe Ornelas	602-542-1769

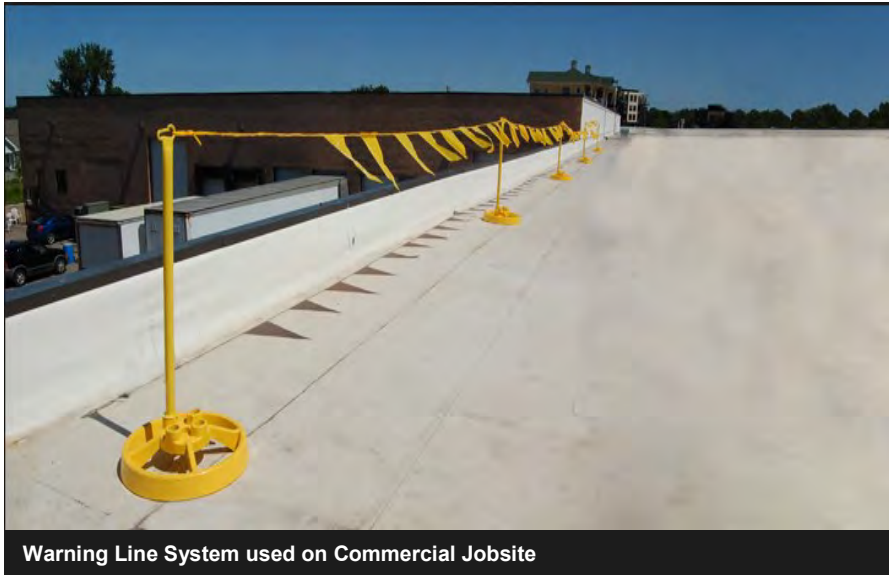
### December 2017

12/5/2017	9:00 - 12:00	Scaffold Hazard Awareness	2675 E Broadway Blvd	Tucson	Ruben Rodriguez	520-628-5478
12/6/2017	9:00 - 11:00	Silica in the Construction Industry	WEBINAR ONLY	Phoenix	Michael Martin	602-542-5478
12/8/2017	9:00 - 12:00	OSHA (End of the Year) Recordkeeping	800 W Washington St	Phoenix	Devon Shaffer	602-542-1769
12/14/2017	9:00 - 12:00	Machine Guarding Awareness	800 W Washington St	Phoenix	Joe Ornelas	602-542-1769
12/14/2017	9:00 - 12:00	Forklift Train-the-Trainer	101 Historic Rte 66	Flagstaff	ADOSH Staff	602-542-1769
12/15/2017	9:00 - 11:00	OSHA 300 Recordkeeping	WEBINAR ONLY	Phoenix	Devon Shaffer	602-542-1769
12/19/2017	9:00 - 12:00	Construction Focused Four	1477 Queens Bay	Lake Havasu	Joe Ornelas	520-628-5478
12/21/2017	9:00 - 12:00	Fall Protection	1450 N Hohokam Dr	Nogales	Joe Ornelas	520-628-5478



## ADOSH Education and Training Calendar

12/26/2017	9:00 - 12:00	Small Business Handbook Training	2675 E Broadway Blvd	Tucson	Joe Ornelas	520-628-5478
12/28/2017	9:00 - 12:00	OSHA Inspection Walk-through	800 W Washington St	Phoenix	Joe Ornelas	602-542-1769
<b>January 2018</b>						
TBD	9:00 - 12:00	Small Business Handbook Training	2951 S 21st Dr	Yuma	Joe Ornelas	520-628-5478
1/4/2018	9:00 - 12:00	Bloodborne Pathogens Exposure Control	800 W Washington St	Phoenix	TBD	602-542-1769
1/5/2018	9:00 - 11:00	ADOSH Roofer Alliance Fall Protection	WEBINAR ONLY	Phoenix	Jessie Atencio	602-542-1769
1/9/2018	9:00 - 12:00	Machine Guarding Awareness	800 W Washington St	Phoenix	TBD	602-542-1769
1/9/2018	9:00 - 12:00	Silica in General Industry	135 W Pinal St	Florence	Joe Ornelas	520-628-5478
1/11/2018	9:00 - 12:00	Walking Working Surfaces - GI	800 W Washington St	Phoenix	TBD	602-542-1769
1/12/2018	9:00 - 12:00	Electrical Safety Awareness	800 W Washington St	Phoenix	TBD	602-542-1769
1/12/2018	9:00 - 12:00	OSHA Ergonomics	2675 E Broadway Blvd	Tucson	Joe Ornelas	520-542-1769
1/18/2018	9:00 - 12:00	Small Business Handbook Training	1477 Queens Bay	Lake Havasu	TBD	602-542-1769
1/23/2018	9:00 - 12:00	OSHA Inspection Walk-through	101 Historic Rte 66	Flagstaff	TBD	602-542-1769
1/24/2018	9:00 - 12:00	Forklift Train-the-Trainer	1971 Jagerson Ave	Kingman	TBD	602-542-1769
1/24/2018	9:00 - 12:00	Lockout - Tagout Principals	2675 E Broadway Blvd	Tucson	Joe Ornelas	520-628-5478
1/25/2018	9:00 - 12:00	Safety and Health management Systems	302-02 El Camino Real	Sierra Vista	Joe Ornelas	520-628-5478
1/26/2018	9:00 - 11:00	Managing OSHA Written Programs	WEBINAR ONLY	Tucson	Joe Ornelas	520-628-5478



## Using Warning Line Systems In Construction

If you travel around much of the state or any other state for that matter you may notice from time to time a colorful flagging line strung up on top of a roof. These flagging lines or warning lines are used as an awareness barrier for fall protection. Together with a safety monitor this system can be used effectively by roofers and other trades including general contractors on low slope roofs that are less than a 4:12 pitch. Or can they? Well that is a question that has been asked over the past few months in the industry.

In fact many to this day believe these systems can be deployed both in commercial and residential construction so long as they are 6 feet back from the edge of the building or home. I am here to say that they can be, so long as it is a roofing contractor. All other contractors must follow several federal OSHA letters of interpretation that provide guidance on using a warning line system. Whether you refer to the 2000 letter or the 2005 letter they both state that a trade, besides a roofer, can use a warning line system on a low slope roof and would be considered a *de minimus* violation if they ensure that the following is met:

1. A warning line is used 15 feet or more from the edge;
2. The warning line meets or exceeds the requirements in 1926.502(f)(2);
3. No work or work-related activity is to take place in the area between the warning line and the edge; and
4. The employer effectively implements a work rule prohibiting the employees from going past the warning line.

It is important to remember what the OSHA standards state about warning lines. The actual standard is 1926.502(f).

*(continued on page 16)*

## Hazards out in the Open

In the past few years, ADOSH has been working with construction trade partners to eliminate hazards that go beyond fall protection. Scaffold systems are used by many trades in commercial and residential construction projects. Proper planning and implementation by a competent person is something that is often overlooked by an employer using them in the workplace. Consider the photo below, is it a good example of pre-planning? Was a competent person considered when it was erected and used by employees?

*(continued on page 16b)*



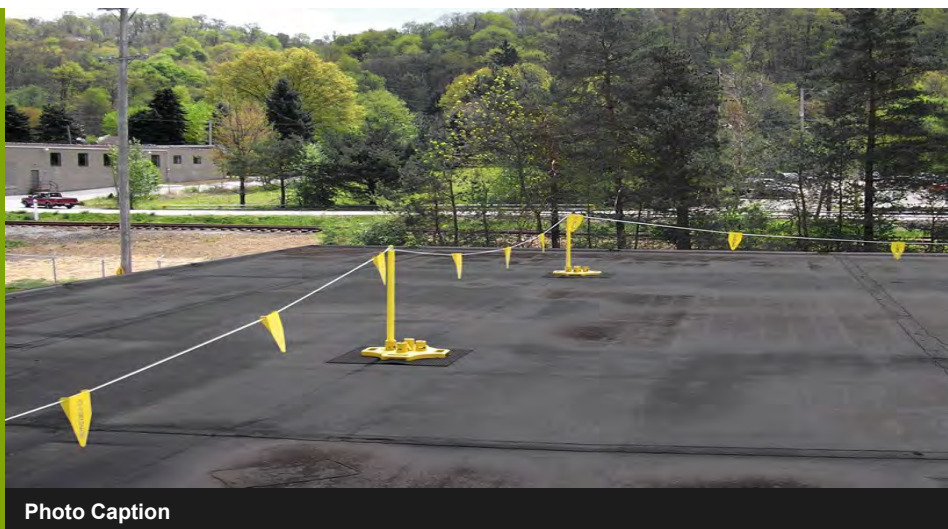


*continued from page 15b*

How about another scaffold in use below? Safe or not? It sure does not look



safe. Does it look like an employer pre-planned the installation of the scaffold system? No. Are these violations of the OSHA standards? Yes! It is important to remember that accidents can happen at any time on a jobsite. Having improperly built scaffolds in the field can cause many problems. Here are some other photos I have of bad scaffolds in use. Enjoy!



**Photo Caption**

*Continued from page 15*

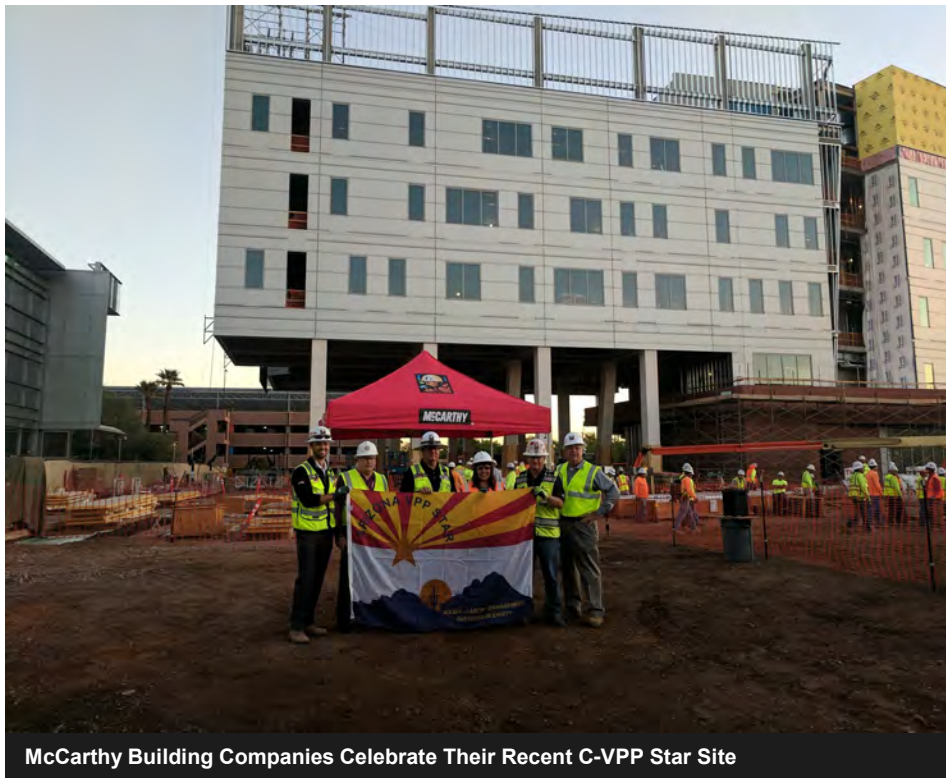
Warning line systems consist of ropes, wires or chains and supporting stanchions are set up as follows:

1. The lowest point, including sag, must be no less than 34 inches from the walking and/or working surface and the highest point is no more than 39 inches from the walking and/or working surface.
2. Stanchions, after being rigged with warning lines, must be capable of resisting, without tipping over, a force of at least 16 pounds applied horizontally against the stanchion 30 inches above the walking/working surface perpendicular to the warning line and in the direction of the floor, roof, or platform edge.
3. The rope, wire or chain must have a minimum tensile strength of 500 pounds and after being attached to the stanchions must support the load applied to the stanchions as prescribed.
4. The warning line must be attached to each stanchion in such a way that pulling on one section of the line between stanchions will not result in slack being taken up in the adjacent section before the stanchion tips over.
5. The line must be flagged at no more than 6 foot intervals with high-visibility material.

As you can see there are some requirements when considering the use of a warning line system as part of your fall protection system. We at ADOSH want you to be informed on what comments and questions are trending in our offices. We would like to hear from you, the end user of the warning line system. Please feel free to send your comments or follow-up questions to me at [jessie.atencio@azdosh.gov](mailto:jessie.atencio@azdosh.gov) I plan to address them in next quarter's ADOSH Advocate. If you would like more information on this topic please free to contact any of our offices and speak with a consultant. We are always glad to help!



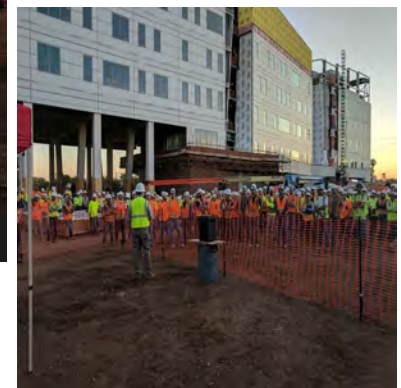
*Written by Jessie Atencio, Assistant Director*



McCarthy Building Companies Celebrate Their Recent C-VPP Star Site

## McCarthy Building Companies Achieve Another Star Site

McCarthy continues to promote the VPP Star by adding the ASU Bio-Science Center. While auditing the site there were many examples of trade contractors pre-planning the days activities where safety was integrated into the process. ICA Chairman Dale Schultz and ADOSH Director Bill Warren hold the VPP flag with the projects leadership team.

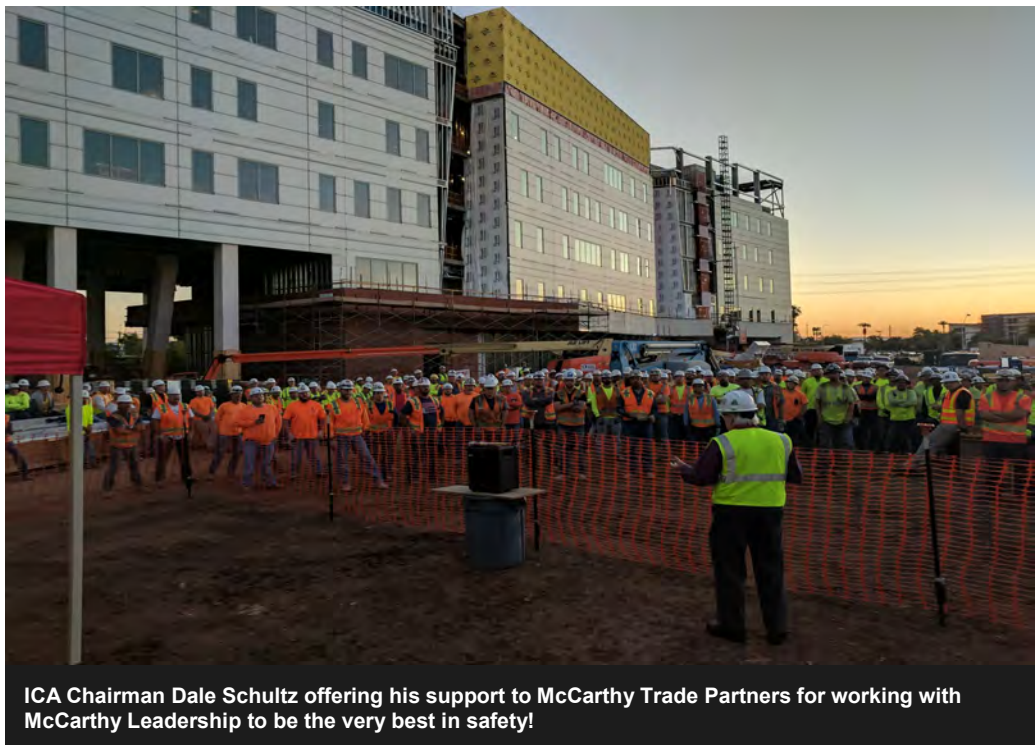


ADOSH Director thanking McCarthy Trade Partners for their work on the project and achieving VPP status.

## ADOSH Exemplary Participants

Exemplary program participants tell a great story. They are stories where management and employees communicate at a high level for safety and health awareness. They are also stories where a culture was adopted and supported by all levels of the business function. Regardless of the path, we at ADOSH consider them models for employers to adopt as they implement Best Practices at any opportunity they can. Here are the recent ADOSH Voluntary Protection Program (VPP) and Safety and Health Achievement Recognition Program (SHARP) participant's celebrations.

(continued on page 17)



ICA Chairman Dale Schultz offering his support to McCarthy Trade Partners for working with McCarthy Leadership to be the very best in safety!



*continued from page 16*

Ducommun of Phoenix recently celebrated its fourth VPP Star certification. The team at Ducommun continues to demonstrate what it means to be safe at home and work as many of their programs have evolved to include home safety.



ICA Chairman Dale Schultz and the Leadership Team at Ducommun pose with the VPP Flag and Plaque. Ms. Gena Lighthouse (EHS Manager) holds the letter from ADOSH Director Bill Warren.



ICA Chairman Dale Schultz thanks the Plant Leader and employees for their continued participation in the VPP program.





Oldcastle Precast leadership take a quick moment to pose with the ICA Chairman Dale Schultz, ADOSH Director Bill Warren, and Assistant Director Jessie Atencio.



After the VPP Star celebration with employees and their family members, employees quickly raised the VPP Flag for all business to see in Chandler.



## Oldcastle Precast Becomes a Member of the 42 VPP Star Sites in Arizona

What started out as a thought, Operations Manager Daniel Murray, Regional EHS Supervisor Ashley Reese, and site EHS Manager Chris Brouse challenged not only themselves but all employees to be better at safety. With that thought came the idea of going for the VPP Star with the ADOSH program. Several meetings were held with ADOSH Assistant Director Jessie Atencio to learn what was expected to gain access to the program. After those meetings, Chris Brouse traveled to the Region IX VPPPA conference in San Francisco where he learned the proper way to write and submit his application as well as gained knowledge on other existing VPP Star sites. The result, a workforce that is involved in a culture where safety and health communication is high and issues on the plant floor are eliminated with a safety and health management system design. Many best practices can be learned from Oldcastle Precast's journey. To learn more about their journey and how you can become a VPP Star site feel free to contact the ADOSH Consultation offices where a supervisor or consultant will gladly provide you the information you seek.



ICA Chairman Dale Schultz and ADOSH Director Bill Warren talk with the site leadership at Oldcastle Precast about the activities that were about to take place.



## ADOSH and the Mexican Consulate

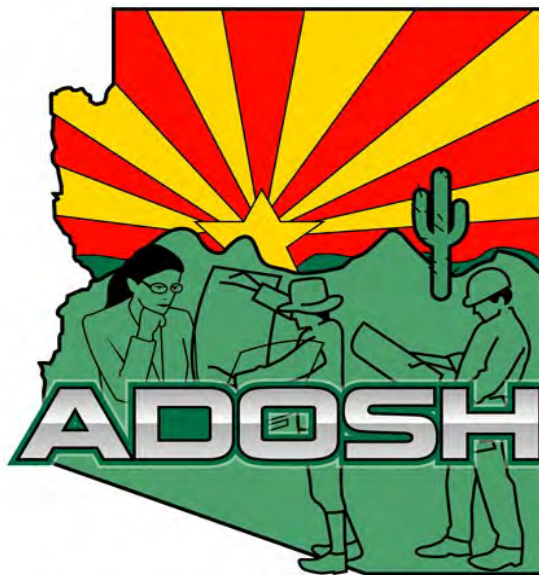
For more than eight years now, ADOSH Consultation has worked with the Mexican Consulate to provide valuable information to their participants at the annual Labor Rights week. Over seven-Mexican Consulate events were attended by ADOSH Consultation Supervisors and consultants where they spoke of the rights and responsibilities of employers and employees according to the OSHA standards. The Nogales, Yuma, Tucson, Douglas, and Phoenix offices were directly visited by the ADOSH staff. As a result of our efforts, over 600 attendees received our message for safety and gained an understanding that ADOSH can help if they had a complaint about safety. We would like to thank the Mexican Consulate and their offices throughout Arizona who called our office.



ADOSH Industrial Hygiene Consultant Luis Lopez provides information on ADOSH inspections to the participants during Labor Rights Week

## The Effects of our Outreach

Helping with the Mexican Consulate Labor Rights Week is just one way that we deliver training to employees in the state. In fact, ADOSH Trainers and Consultants are called upon to help with the Mexican Consulate's "*Consulado Movil*" or mobile consulate where they travel to various areas in the state to engage their stakeholders. ADOSH has been asked to be at those events, usually on the weekends, and deliver our message for safety. All together we have been to Bullhead City, Prescott, and Show Low, Arizona. This type of outreach is all due to the great folks at ADOSH. They continue to look for new ways to reach all employees who work in our great state!



Protection of life, health, safety and welfare of Arizona's most valuable assets.





Phoenix Admin Corina Trujillo and Tucson Admin Sylvia Sinohui prepare for the attendees to arrive on the first day.

## Safety Summit in Tucson was a Success

This past September ADOSH Consultation provided a two day, **free**, outreach training event in the City of Tucson. Many employees and employers represented local cities and counties. Over 200 people attended the event and learned from some of the best in the community who teach about safety practices in the field today. At ADOSH we would like to thank those guest speakers from CooperPoint Mutual, Pima County, and our independent consultants like Angie Rolnik who helped with the OSHA 10 hour class. A big thank you to Jim Rogers and Dean Coughenour who both did a great job of messaging our two day event.



## Would you like a Safety Summit in Your Area?

Beginning every federal fiscal year (Oct. 1—Sept. 30), we at ADOSH prepare for our Safety Summits and smaller one day Regional Summits. This year we have our two large events planned, but we would like to know if you and your community would benefit from one of our Regional Summits that are filled with dynamic training in one day. As always we do not charge for any classes we provide or the resources provided. There is an exception, we do charge for our OSHA 10 hour classes, that is a rate of \$8 we have to pay for the charge of making the card through a third party OTI Education Center. One other item we look for is some way of partnering for a space. Most times we can cover the cost, but we do appreciate any help we can get with donated space. So, if this sounds like something you would like to do, let us know by calling one of our two Supervisors in Phoenix or Tucson below. If we select a community based on your feedback, we will take care of the rest down to the vendors and trainers needed for the event.

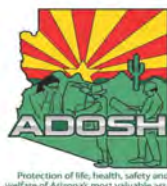
Phoenix CET Supervisor—Babak Emami:  
[babak.emami@azdosh.gov](mailto:babak.emami@azdosh.gov)

Tucson CET Supervisor—Francisco Mendoza:  
[francisco.mendoza@azdosh.gov](mailto:francisco.mendoza@azdosh.gov)



## Our Next Safety Summit is Approaching

Now that we accomplished the Tucson Safety Summit, it is now time that our ADOSH Consultation office prepare for this year's Leadership Safety Summit. This event will be held at the Thunderbird School of Global Management and we could not be more excited for our special guests. We will have Mr. John Drebing Jr.! He is a motivational speaker that we have heard speak at other national conferences we attended. His title of his topic: "Safety for Effective Leaders", will help any current or future leader aspiring to be a better safety minded professional. Additionally, we will have Mr. Dean Coughenour deliver his inspiring: "Building Value in Safety Top-down/Bottom Up" presentation. We plan to have other industry leaders speaking about safety and health trends, practices, and simple ways to address culture in your workplace. Scott Hullinger with CopperPoint Mutual and Chuck Keller with Snell and Wilmer will provide those attending their class with information before, during and after an OSHA visit. For more information on this event please call our two offices.



Arizona Division of Occupational Safety and Health

## PHOENIX LEADERSHIP SAFETY SUMMIT



**November 15 -16, 2017**

8:00 a.m. - 4:00 p.m. (Wednesday)

8:00 a.m. - 2:30 p.m. (Thursday)

### KEYNOTE PRESENTATIONS:

#### ■ "Safety for Effective Leaders"

John W. Drebing Jr., Motivational Speaker and Author of *"Would You Watch Out for My Safety?"*

#### ■ "Building Value in Safety Top-down / Bottom-up!"

Dean Coughenour, Risk Manager for the City of Flagstaff and National PRIMA President

### CLASSES:

- Safety Success with ADOSH Consultation / Preventing Sprains and Strains with Instinctive Movement System / New Silica Updated / Walking Working Surfaces for General Industry / How to get Employees Involved with Safety / Asbestos Hazard Awareness Training / Where is the Hazard, Test Your Knowledge / Behavior Based Inspections, the Next Level of Safety / Fall Protection / What are the Costs of Employee Injuries / Hand Injury Prevention / Emergency Evacuation and Planning / Basic Electrical Safety / Completing a Hazard Assessment that Adds Value / Respirator Choices / OSHA Recordkeeping Update / Slips, Trips and Falls, Why do They Keep Happening / Confined Spaces

### LOCATION:

Thunderbird School of Global Management - ASU  
15249 N 59th Avenue  
Glendale, Arizona 85306

Register for this **FREE** event at <http://ezregister.com/promoters/1607/>

## More about John Drebing Jr.

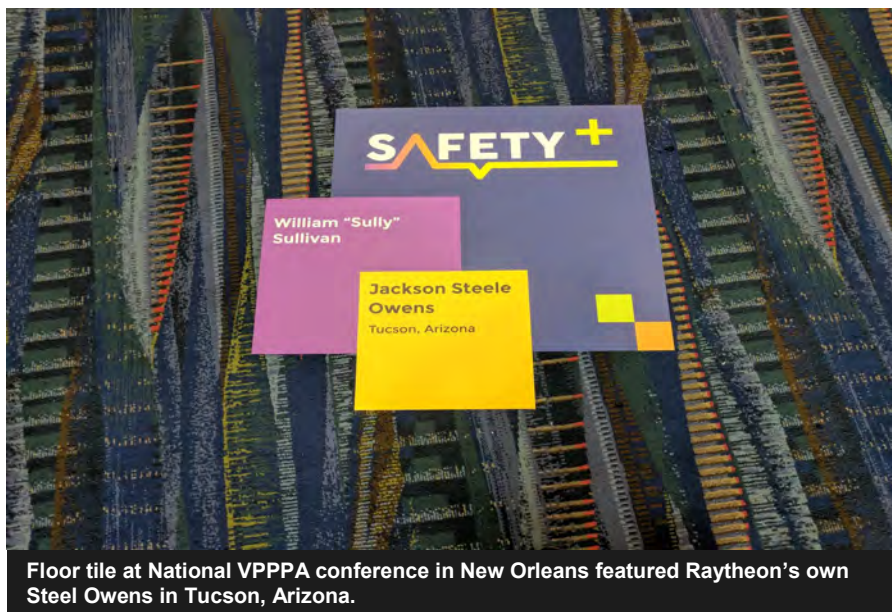
John Drebing Jr., acclaimed international safety speaker and author has been delivering his dynamic safety presentations worldwide for the past 27 years and is known for injecting humor and passion to engage audiences to help people work safely. Creator of the technique and book, (*Would You Watch Out For My Safety?*), his strategies create a culture where people take action to protect themselves, as well as those around them.

During his extensive travels serving many major corporations, John has interviewed CEO's, company presidents, safety professionals, and employees of companies with world-class safety programs to elicit the keys to their success in communication and safety. These leaders have given John permission to share with others the secrets he has learned from them as to how they communicate their commitment to safety to their workforce.



John has a Bachelor's Degree in speech, and is a Certified Hypnotherapist. A member of the National Speakers Association he has achieved their highest earned designation, CSP (Certified Speaking Professional).





Floor tile at National VPPPA conference in New Orleans featured Raytheon's own Steel Owens in Tucson, Arizona.

## VPPPA Region IX Annual Conference Schedule for March 13—14, 2018

The annual Region IX VPPPA conference will take place in San Diego, California. This event is for those employers and employees working toward the VPP Star, are already a VPP Star site, or would like to know what it takes to go above and beyond the OSHA standards. The conference will offer an opportunity to network with other employers in the VPP program as well as learn from other site leaders on how to continuously improve safety and health management systems in the workplace. For more information on this event please visit the following website: <http://www.regionixvpppa.org/index.html>

## We have 13 new Special Government Employees to help on VPP audits

In July, 13 employees representing various Voluntary Protection Program Star site employers, participated in an ADOSH/OSHA Special Government Employee (SGE) class.

These new SGE's will help aid



ADOSH

in our VPP audits, VPP application review, VPP mentoring, and VPP annual submission review sessions. Employees who achieve the SGE status are not compensated for their time by ADOSH and thus we are thankful to them and their employers for their commitment to the Arizona VPP Program. If you would like to become an SGE and you work at a VPP Star site please visit the VPPPA National website for more information. Their web address is: <http://www.vpppa.org/>



**March 13-15**  
**2018 Region IX VPPPA**  
**SAFETY BY THE SEA**  
**SAFETY SUMMIT**  
 HYATT REGENCY | SAN DIEGO, CALIFORNIA

**Matt Pomerinke**  
 Pomerinke is a papermill and safety rep at Longview Fibre Company, Longview, Washington, a husband and a father who takes time out to share his story with young workers across the state.  
**OPENING KEYNOTE SPEAKER**

The Voluntary Protection Program (VPP) recognize employers and workers in the private industry and federal agencies who have implemented effective safety and health management systems and maintain injury and illness rates below national Bureau of Labor Statistics averages for their respective industries. Join us and others involved and interested in VPP including ADOSH, CalOSHA, HIOSH, NYOSHA and Region IX OSHA to learn more and grow your company's VPP.

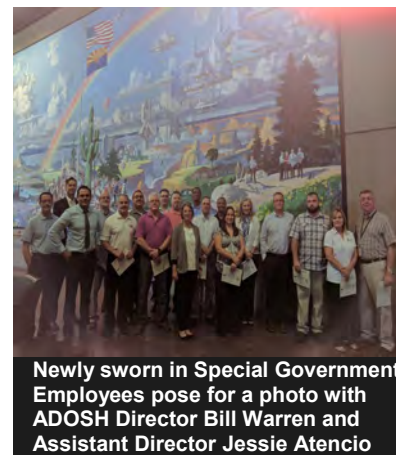
**Over 40 Breakout Sessions**  
 Check out the preliminary agenda and great summit offerings on our website.

**Special Government Employee (SGE) Training**  
 SGE Training: March 10 - March 11

**VPP Application and Re-Certification Workshops**  
 VPP application Workshop: March 12, Re-Certification Workshop: March 16

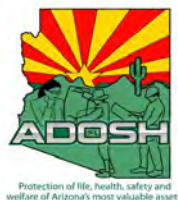
**Be Inspired** by keynote speakers.

**Register Today!**  
 CONTACT US: [VPPPA@REGIONIXVPPPA.ORG](mailto:VPPPA@REGIONIXVPPPA.ORG)  
[WWW.REGIONIXVPPPA.ORG](http://WWW.REGIONIXVPPPA.ORG)



Newly sworn in Special Government Employees pose for a photo with ADOSH Director Bill Warren and Assistant Director Jessie Atencio

# ARIZONA DIVISION OF OCCUPATIONAL SAFETY AND HEALTH



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**BILL WARREN, ADOSH Director**

## Contact Us

We're on the Web!  
[www.azdosh.gov](http://www.azdosh.gov)

### **ADOSH ADVOCATE**

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