

A DOSH ADVOCATE

Improving
workplace
safety &
health



<http://www.ica.state.az.us>

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ADOSH ADVOCATE

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Darin Perkins, Director

Reflections

Note: Mark Norton, ADOSH's Tucson Assistant Director, recently announced his resignation after 23 years with the division. Over the years, many have come to know and appreciate Mark and his professionalism. Following are some of his final thoughts as an ADOSH employee.

I started to work on this, my last submission for the Advocate, and I wondered what subject I would write about. After some deliberation I realized I have, over the last 10 -15 years covered so many topics, but probably need to say something that is long overdue....Thank you!

Thank you to all who have supported the efforts of the Arizona Division of Occupational Safety and Health, and more personally, supported my efforts. I have many memories as a result of over 23 years with ADOSH. I remember my first agriculture inspection in the fields of Yuma, my first deposition, my first court case, and yes unfortunately, my first fatality. More importantly with regards to the latter, I remember understanding that the accident was preventable, as they all are. I look back on my experiences with the VPP participants, partnering companies and so much more with great fondness and gratitude, realizing that I have learned so many valuable lessons.



Mark - In slightly younger years.

It is through all of these experiences I have come to realize what it is that I love about this type of work. We as safety professionals get involved to make a difference; to have some positive impact on improving the working lives of employees and employers. We try to enforce while at the same time, educate, ultimately trying to affect the culture within the organization! My personal goal has always been to make this a learning experience for everyone involved; I am hopeful that I was able to accomplish that for many of you.

Since announcing my resignation I have received dozens and dozens of calls and emails wishing me the best in my newest adventure and again, I say thank you for that. Just know that each of you were teachers as well. Each employer who asked me to show them the regulation, each employee who told me his/her plight, each lawyer who challenged my conclusions and findings, (thank you Mr. Keller!), in your own way, you each made me better at what I do. I am hopeful that I can stay connected and remain a source of assistance when called upon. Keep pushing for zero, keep sending the message and don't let up, in the end we should all go home safe, healthy and happy.

-Mark Norton, Assistant Director

Fatal Mistakes

In this era of internet communication we are able to access safety information from all over the globe. Sometimes the photos from countries lacking safety enforcement are hair-raising to say the least. We have all received our share of emails containing photos and videos of unsafe acts or conditions -some can keep you awake all night.

Last month an ADOSH Compliance Officer received an email regarding a fire extinguisher that had exploded. The hazard alert was issued June 7, 2010 and was apparently from Australia. The narrative included the following:

"A fire extinguisher located on a dozer exploded throwing the extinguisher approximately 20 meters from the machine. The brackets attached to the dozer had bolts protruding enough to induce wear and fatigue cracks on the cylinder itself which resulted in a catastrophic failure in the cylinder body. When installing the brackets to the machine, care should be taken to ensure that no part of the cylinder is touching an area that may cause rubbing and wear on the cylinder body."

A few photos accompanied the Hazard Alert, and we have included one that shows the exploded cylinder and a second cylinder that had similar wear marks. This led to an inspection of all equipment-mounted fire extinguishers.



The day after this email circulated, an ADOSH Compliance Officer was on a job-site and mentioned the fire extinguisher hazard to the general contractor and a subcontractor. When the officer and employers looked at a fire extinguisher mounted on a forklift, one of the mounting bolts was not properly installed and was digging into the wall of the extinguisher, creating a gouge approximately 1/16th of an inch deep. Recommended correction was to 1) daily inspect extinguishers for damage; 2) check brackets for protruding bolts; 3) replace cylinders and/or brackets if damage was detected; and 4) install rubber lining on the brackets to protect cylinder bodies.



Another round of emails went out to ADOSH employees from the inspecting Compliance Officer which said that if the information about the fire extinguisher had not been shared, he would have never caught this potentially fatal accident before it happened. The Compliance Officer attached photos that were eerily similar to the Australian incident.

Fire extinguishers can present a hazard if not handled and stored according to manufacturer's instructions. The MSDS provides important safety information about the extinguishing agent and cylinder safety.

Fire extinguishers are designed for the specific purpose of providing a safe and efficient safety tool to be used only in the fighting of fires. Improper or careless use may cause severe bodily injury and/or property damage. Some safety tips:

- Contents are under pressure. Do not puncture, incinerate, or discharge into another person's face.
- Do not store at high temperatures above 120 degrees F or 49 degrees C.
- Keep away from small children.
- Do not use if the extinguisher appears to be damaged or corroded.

(Continued on page 3)

A Thousand Words



Plug? Who needs a plug? This condition was observed by an ADOSH compliance officer on a recent inspection.

In Arizona and nationally, electrocution ranks toward the top in terms of the most common causes of occupational fatalities. Many people do not appreciate the danger associated with electricity and too often have the "it's only 120 volts" attitude.

It's that attitude that often results in tragedy. If you mess with electricity without the proper training, expect to get burned... or worse.

Fatal Mistakes - Continued.

Avoid inhaling the extinguishing agent. Avoid inhaling smoke and fumes - all fires release toxic substances that are harmful. DO NOT remain in a closed area after use; evacuate the area immediately and ventilate thoroughly before re-entering. Although extinguishing agents are non-toxic when used properly, contact with them may cause irritation to eyes, nose, throat, and other allergic symptoms.

Refer to the specific extinguishing agent material safety data sheet for additional information.

Storing or mounting fire extinguishers outside or against a building can expose them to temperatures higher than the threshold 120 degrees F. Extinguishers mounted on south and west facing walls have discharged when overheated, and cylinder damage must be assumed. Likewise, fire extinguishers left in the sun or in vehicles can overheat as our summer ambient temperatures soar. Follow this link to learn more about extinguisher safety: http://www.osha.gov/SLTC/etools/evacuation/portable_about.html

Fire extinguisher information aside; the sharing of safety information in a timely manner may have prevented this hazard from becoming a fatal mistake.

Jenny Mandeville, Trainer

The "Inbox"

We regularly receive questions and comments via e-mail, at adosh.comments@dol.gov. Following is a selection of some we recently received.

Q: If a company implements a new policy requiring all employees to wear steel-toed boots, is the company required to pay, or reimburse employees for those boots?

A: The answer to this question depends on whether employees are allowed to use their boots outside of

work. If the employer allows employees to take the boots home and use them around the house, then employees can be required to pay for the boots. If, however, employees are not permitted to use the boots outside of the workplace, then the employer must pay for them.

Q: Is it against OSHA regulations to eat or drink at your desk or workstation?

A: Only in those situations where the work station is in an area identified as having potential exposure to

blood, or hazardous or toxic chemicals.

Q: Who must pay for an incident involving exposure to blood or other potentially infectious material?

A: If an employee has occupational exposure to blood or other potentially infectious materials, the employer is responsible for paying for all post-exposure follow-up care and treatment for the employee. Employees should not be required to pay for any such treatment up front.

ADOSH Education and Training Calendar

Registration for each class begins 30 days prior to the date of the class. Classes sponsored by ADOSH are free of charge but are subject to change or cancellation without notice. Some classes or seminars listed are not exclusively sponsored by ADOSH and may carry a nominal fee to cover the cost of course materials, space rental, etc. **NOTE: The phone number listed for each class is the number participants need to call for registration purposes and may or may not be a direct number to ADOSH or the trainer. Students must call the specific number listed to register.**

<u>Date</u>	<u>Class Title</u>	<u>Location</u>	<u>City</u>	<u>Instructor</u>	<u>Phone</u>	<u>Facilitator</u>
Oct. 1	Construction-Resp. Protection	16430 N. Scottsdale Rd. #150	Scottsdale	Mandeville	602-274-6545	Lisa Rugloski
Oct. 6	Bloodborne Pathogens in Utilities	12001 W Peoria	El Mirage	Mandeville	623-876-4253	Dennis Teller
	Hazard Communication (Spanish)	2675 E. Broadway Rd.	Tucson	Ornelas	520-628-5478	
Oct. 7	Emergency/Evacuation Planning	3030 N. 3rd St.	Phoenix - SCF	Mandeville	602-631-2228	Scott Higbee
Oct. 12	Safety Management - Gen. Ind.	3727 Karicio Lane	Prescott	Mandeville	928-541-5001	Rusty Summers
	Construction Site Safety Mgt.	3727 Karicio Lane	Prescott	Mandeville	928-541-5001	Rusty Summers
Oct. 13	Job Hazard Analysis	3727 Karicio Lane	Prescott	Mandeville	928-541-5001	Rusty Summers
	Accident Investigation	3727 Karicio Lane	Tucson	Garton	520-628-5478	
Oct. 14	Forklift Train-the-Trainer	2675 E. Broadway Rd.	Mesa	Mandeville	480-857-5501	Jodi Gilsdorf
	Machine Guarding	360 E. Tahoe Ave	Mandeville	Mandeville	623-935-8888	Landis Elliott
Oct. 20	Forklift Train-the-Trainer	3000 N Dysart Road	Estrella College	Mandeville	480-350-2904	Chris Hansen
Oct. 26	Electrical Lockout/Tagout	55 S. Priest Dr	empe	Mandeville	928-522-3032	Margaret Penado
Oct. 26	Safety Management - Gen. Ind.	5401 E. Commerce	Flagstaff	Mandeville	928-522-3032	Margaret Penado
	Hazard Assessment & PPE	5401 E. Commerce	Flagstaff	Mandeville	928-522-3032	Margaret Penado
Oct. 27	Job Hazard Analysis	5401 E. Commerce	Flagstaff	Mandeville	928-522-3032	Margaret Penado
	Accident Investigation	5401 E. Commerce	Flagstaff	Mandeville	928-522-3032	Margaret Penado
	Lockout Tagout	2675 E. Broadway Rd.	Tucson	Ornelas	520-628-5478	
Oct. 28	OSHA Construction 10 Hr	1515 E. Cedar Ave, Suite C4	Flagstaff	Mandeville	928-779-3071	Kim Brewster
Oct. 29	OSHA Construction 10 Hr	1515 E. Cedar Ave, Suite C4	Flagstaff	Mandeville	928-779-3071	Kim Brewster
Nov. 2	Hazard Communication	2675 E. Broadway Rd.	Tucson	Garton	520-628-5478	
Nov. 3	Machine Guarding	12001 W Peoria	El Mirage	Mandeville	623-876-4253	Dennis Teller
	Driver Safety Awareness	3000 N Dysart Road	Estrella College	Mandeville	623-935-8888	Landis Elliott
Nov. 4	Forklift Train-the-Trainer	3030 N. 3rd St.	Phoenix - SCF	Mandeville	602-631-2228	Scott Higbee
Nov. 9	Respiratory Protection	8401 W. Monroe St.	Peoria	Mandeville	623-773-7679	Tracey Booth
	Groundskeeper Safety	8401 W. Monroe St.	Peoria	Mandeville	623-773-7679	Tracey Booth
Nov. 17	Bloodborne Pathogens	1611 S Main St.	Snowflake NPC	Mandeville	928-522-3032	Margaret Penado
	Hazard Communication	1611 S Main St.	Snowflake NPC	Mandeville	928-522-3032	Margaret Penado
Nov. 18	Back Injury Prevention	2675 E. Broadway Rd.	Tucson	Ornelas	520-628-5478	
	Hand & Power Tool Safety	2675 E. Broadway Rd.	Tucson	Garton	520-628-5478	
	Excavation Safety	1611 S Main St.	Snowflake NPC	Mandeville	928-522-3032	Margaret Penado
Dec. 1	Fall Protection GI & Construction	1611 S Main St.	Snowflake NPC	Mandeville	928-522-3032	Margaret Penado
Dec. 2	Sprains/Strains Prevention	12001 W Peoria	El Mirage	Mandeville	623-876-4253	Dennis Teller
Dec. 6	Fall Protection	3030 N. 3rd St.	Phoenix - SCF	Mandeville	602-631-2228	Scott Higbee
Dec. 6	Workplace Violence Prevention	8401 W. Monroe St.	Peoria	Mandeville	623-773-7679	Tracey Booth
Dec. 7	Confined Space Safety	2675 E. Broadway Rd.	Tucson	Ornelas	520-628-5478	
Dec. 8	Forklift Train-the-Trainer	2675 E. Broadway Rd.	Tucson	Garton	520-628-5478	
	Fall Protection	1971 Jagerson Ave. (MCC)	Kingman	Mandeville	928-757-0894	LeeAnn Benton
Dec. 9	Aerial/Scissors Lift Safety	1971 Jagerson Ave. (MCC)	Kingman	Mandeville	928-757-0894	LeeAnn Benton
	Driver Safety Awareness	1977 Acoma Blvd. W (MCC)	Lake Havasu	Mandeville	928-757-0894	LeeAnn Benton
	OSHA Recordkeeping-Year End	1977 Acoma Blvd. W (MCC)	Lake Havasu	Mandeville	928-757-0894	LeeAnn Benton
Dec. 16	OSHA Recordkeeping-Year End	3000 N Dysart Road	Estrella College	Mandeville	623-935-8888	Landis Elliott

**Occupational Fatalities Investigated by ADOSH
April 1, 2010 through June 30, 2010**

1) An employee fell from the roof of a restaurant as he was trying to get onto a fixed ladder on the side of the building. The ladder did not extend above the level of the roof.

**ADOSH/Employer
Forums**

Over the last 10 months, ADOSH has held open forum meetings in Tucson, Phoenix, Yuma and Show Low to provide employers an opportunity to sit down in an informal setting and discuss matters of common interest, including answering questions and addressing employer concerns. The meetings have been informative and well attended. The following employer forums are planned:

Flagstaff: September 29, 2010
9:30 AM. Flagstaff Public Library
3000 N. 4th St., Flagstaff.

Phoenix: October 27, 2010. 10 AM.
Industrial Commission of Arizona
800 W. Washington St., Phoenix.

Tucson: November 2, 2010. 9 AM.
Industrial Commission of Arizona
2675 E. Broadway Rd., Tucson.

Yuma: February 2011
Sierra Vista: March 2011
Kingman: April 2011

Additional details will be provided in future newsletters for the forums in 2011.

Please feel free to come to one or more of the forums, learn a little about ADOSH and share your thoughts about ADOSH/OSHA, occupational safety and health, or other matters of common interest.

-Darin Perkins, ADOSH Director

VPP Update

Two of our current VPP members were recently recertified. Insulfoam and Ducommun Technologies, both in Phoenix, recently passed their recertification audits and continue to be mem-

bers of this elite group of employers.

Our congratulations to Insulfoam, Ducommun and all of our VPP members. They truly represent the 'best of the best.'