



AMERICAN SOCIETY OF SAFETY PROFESSIONALS

Star Valley Chapter

Newsletter

October 2020

FIRE PREVENTION WEEK IS OCTOBER 4-10, 2020. OCTOBER IS EYE INJURY PREVENTION MONTH!

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Upcoming Meetings & Events

September 15-18 ASSP Region VI Virtual PDC
All Face-to-Face Events Are Pending

In this Newsletter

- New member contest
- Fire Prevention Week information
- Newsletter Ventures
- Photo Contest
- COVID-19 Tip
- OSHA at 50!
- 3-D printer hazards
- Protecting your eyes!
- Some OSHA News

**Stay Safe
Everyone!**



STAR VALLEY CHAPTER MONTHLY MEETINGS

Due to the pandemic, physical monthly meetings of the Star Valley ASSP Chapter will not be held until further notice however:

VIRTUAL MEETINGS are being planned using the ASSP Region 6 format and materials!

Periodic newsletters are still being published so provide any information, news of note or greetings to Bob Calhoun:

rpcalhoun@bwxt.com/434-382-9212

Chapter New Member Contest

A very exciting contest has been developed for members of the Star Valley Chapter of ASSP.

Every member who sponsors a new member, now through October 31, 2020 are eligible to enter a drawing to win an original abstract painting created by our own **Glenn Hargrove**. The painting, titled "Can You See Me Now", as shown below, incorporates the hues typically associated with high viz wear. This work is a 14" X 14" stretched canvas painting.

Hats off to Glenn for providing the awesome painting and best of luck to all participating in the contest.





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Fire Prevention Week is October 4-10, 2020.

This year's theme is Cooking Safety. Cooking is the leading cause of home fires and home fire injuries, with nearly half of all home fires being caused by cooking.

Once again, Sparky the Fire Dog®, the official mascot of the National Fire Protection Association® (NFPA®), is prominently featured for this year's event.

Sparky is the lovable and tireless advocate for fire prevention and safety, and this year Sparky is "cooking with care" as he demonstrates some safe practices while cooking in the kitchen.

See this link for more information regarding Fire Prevention week and resources to help mark the occasion:

<https://www.nfpa.org/Public-Education/Staying-safe/Preparedness/Fire-Prevention-Week/Educate>

Fire Prevention Week is an important time every year to raise awareness about fire safety practices at home with young children, caregivers, people with disabilities and other physical challenges, and public officials.



Newsletter Ventures

Now that we're at the start of a new Chapter year, it is the perfect time to begin new ventures. We're looking for suggestions and contributions for the newsletter. Here are some ideas:

- Provide a list of topics you would like to see presented virtually or at monthly meetings
- Supply us your bio to publish.
- Provide a list of topics you would like to see presented and discussed in the newsletters
- Identify those people who have shaped your career and how.
- Recognize people who contributed to your career
- Offer your favorite recipes, vacation spots, etc.
- Provide your baby photo for the membership to guess (and chuckle at)
- Identify software, equipment, websites, companies, etc. that assist job performance
- Give a shout out to your school, hometown, community etc.
- Tell us about your hobbies
- What makes you proud to be a safety professional
- List things that challenge you on the job
- List your profession pet peeves
- Provide us your birth date so we can keep track of this momentous occasion.

The newsletter is designed to be a resource. We're looking to make it fun as well. Consider contributing.





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A Perfect Contest for this time of year! Who Are These People?

Match up the photo with the name! These are photos of celebrities *and* Star Valley Chapter officers from their youth. To participate in the contest, send your guesses to Bob Calhoun at rpcalhoun@bwxt.com !



A



B



C



D



E



F

Photo Letter	Name
	Stuart Bowman
	Bob Calhoun
	Tom Hanks
	Glenn Hargrove
	Elvis Presley
	Brandon Webb

OSHA's COVID-19 Tip of the Day #157:

Physical distancing helps keep workers and everyone safe.

See this link for a wealth of information on this subject.

OSHA is 50!



OSHA is celebrating 50 years of the Occupational Safety and Health Act. Join OSHA in making a renewed commitment to keeping workers safe and healthy.

See this link for a retrospective:

<https://www.osha.gov/osha50/>



Potential Health Hazards Related to 3-D Printers

An article recently appeared on the *Plastics Today* website that identifies the hazards that 3D printers may pose and provided a link to bring this information to light for school applications.

The author of article, Clare Goldsberry, points out the 3-D printers “are often thought of as “toys,” as they can be used to make playthings and other fun projects. However, 3D printers are actually manufacturing equipment that should be treated like a machine tool.”

3-D printers can emit contaminants that not everyone may be aware of. Research findings by Chemical Insights, an institute of Underwriters Laboratories, and Georgia Institute of Technology 3-D identified printer emissions they may include “ultrafine particles (UFPs) and volatile organic compounds (VOCs), some of which are known irritants, carcinogens, and odorants”. The author pointed out that as the devices multiply in classrooms and homes, it's imperative that users understand how to mitigate those potential health hazards.

Exposure may present a human health hazard, especially when standing next to a 3D printer with minimal ventilation, according to findings from Chemical Insights' research. Chemical Insights has created a 3D-printing toolkit (link attached), which is included in the US Department of Education's Green Strides online resource portal and is available to schools nationwide. *3D Printer School Safety: A Guide for Supporting Indoor Air Quality & Human Health* is the result of research performed by Chemical Insights dedicated to advancing safe and healthy working, learning, and living environments.

The guide explains how 3D printers emit UFPs and VOCs during operation and walks readers through research processes, key findings, and unintended consequences on human health. It also suggests purchasing and operations strategies teachers and parents can implement to mitigate chemical exposure as well as maintain safe and healthy indoor environments while using the technology.

The informational guide will help administrators, teachers, and parents better understand how to safely use 3D printers.” Chemical Insights offers the following recommendations:

- Avoid standing near a printer or hovering over it while it is in operation;
- Set the nozzle temperature at the lower end of the temperature range while maintaining print quality;
- Buy printers and print media that have been tested and certified to produce low emissions;
- Use filaments or print media specifically recommended for the printer by the manufacturer.
- Select materials that emit lower levels of VOCs as emission compositions vary with some producing more than 175 different VOCs

The National Institute for Occupational Safety and Health (NIOSH) suggests additional measures users should take when operating a 3D printer. They include:

- Install high-efficiency HEPA filters near printers;
- Use ventilated enclosures;
- Locate printers under a fume hood or near a vent that exhausts to the outside;
- Use PPE such as safety glasses, face shields, lab coats or overalls and even considering the use of respiratory protection equipment, when appropriate.

This information will assist anyone evaluating 3-D printers from an occupational safety and health standpoint.

The Chemical Insights 3D printing toolkit can be accessed on the Green Strides [website](#).

Source: <https://www.plasticstoday.com/3d-printing/mitigating-health-risks-3d-printing-emissions>





Protect your eyes.



Here's how:

1) Wear your safety glasses.

2)

Wear eyewear properly tinted for the particular job you are working at.

6)

Wear prescription lenses if you should.

10)

Wear your safety glasses!

3)

Wear your safety glasses!

7)

Get regular eye exams to prevent eye problems.

11)

Get regular eye exams to prevent eye problems.

4)

Wear eye protection when working with power tools or chemicals.

8)

Wear your safety glasses!

12)

Get medical attention immediately if you have an accident.

5)

Keep your eye protection clean.

9)

Wear glasses that provide proper UV protection.

13)

...and most importantly, Wear your safety glasses!

OSHA News

Guidance on Returning to Work

OSHA offers a PDF document as this link <https://www.osha.gov/Publications/OSHA4045.pdf> with guidance on returning to work.

See the OSHA website <https://www.osha.gov/> for information, guidance and resources on a variety of topics.

