

GATED WYE



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HMEP grant application period now open

The FY 2016-17 Hazardous Materials Emergency Preparedness (HMEP) grant application period is now open until March 15, 2016.

The purpose of the grant program is to:

- Increase effectiveness in safely and efficiently handling hazardous material accidents and incidents,
- Enhance implementation of the Emergency Planning and Community Right-to-Know Act, and
- Encourage a comprehensive approach to emergency training and planning by incorporating the unique challenges of responses to transportation situations.

The [HMEP grant application kit](#) is available on the [OSFM website](#).

For more information, contact Sue Otjen at 503-934-8227 or sue.otjen@state.or.us.

OSFM/U of O smoke alarm contest winner Randy Sanders

Recently the Oregon Ducks and the Oregon Office of State Fire Marshal partnered up to offer a VIP Ducks Experience to one lucky winner and his family at the Oregon State vs. Oregon Civil War basketball game. Randy Sanders of Springfield and his family got an inside look at Matthew Knight Arena and took pregame pictures on the court before cheering on the Ducks to a 91-81 victory over the Beavers. Randy was selected the winner of the OSFM/Ducks Fire Safety Giveaway on Facebook that saw more than 520 entries. Randy was also awarded a set of new smoke alarms for his home.

The Oregon Office of State Fire Marshal is a proud sponsor of the Oregon Ducks and congratulates the Ducks on becoming the 2015-16 Pac-12 Conference Champions!



Contest winner Randy Sanders (center), wife Cyndi (at left), Andre Jovanovic (right), and young Duck fan Isabel Garrett pose for an on court photo.

From the desk of the state fire marshal



Special session review

Although this has been an abbreviated special legislative session, it hasn't been a slow one by any means. Relatively speaking, compared to a normal full session, there weren't many bills but there also wasn't much time. Of the 283 bills submitted, our office has kept a close eye on three that have impacts to either the OSFM or the Oregon fire service.

Here is a summary of those bills and the resulting action on each taken by the legislature.

SB 1523 - (passed) This bill creates a short-term grant program to be developed and administered by the Office of Emergency Management in consultation with the Oregon Department of Transportation, to permit withdrawal of fuel by specified personnel from certain fuel storage facilities in an emergency. It limits each grant to \$4,000 per facility; and limits total grant funds to \$100,000. It requires Oregon State Fire Marshal to check installation of connectors financed by grant funds as part of existing annual inspections already performed.

HB 4140 - (passed) Would prohibit the release of sky lanterns into Oregon's airspace and makes an offense a Class A violation subject to a maximum penalty of \$2,000. It allows certain state employees to issue citations, including OSFM. Sky lanterns, also referred to as UFO balloons, mini hot air balloons, Khoom Fay, wish lanterns, and Kongming Lanterns, are small hot air balloons made of paper with an opening at the bottom where a small fire is suspended. Currently, these unmanned free-floating devices, which contain an open flame or other heat source, are regulated under Sections 305 and 308 of the Oregon Fire Code, and are prohibited from being released where they can cause an unwanted fire.

HB 4007 - (passed) Any group of rangeland owners within a rangeland protection system established under ORS 477.320, and lying wholly outside any forest protection district, may organize a rangeland protection association for the purpose

see **Walker** page 3



**State Fire Marshal
Jim Walker**

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503-934-8240



The Gated Wye is published monthly by the Oregon Office of State Fire Marshal. For submissions or suggestions contact Rich Hoover at 503-934-8217 or email richard.hoover@state.or.us. In compliance with the Americans with Disabilities Act, alternative formats of this publication are available.

“Of the 283 bills submitted, our office has kept a close eye on three with fire service impact.”

- Jim Walker

of protecting rangeland from fire. The state forester may enter into cooperative agreements or contracts with an RPA for the purpose of providing organizational assistance, training association members, and acquiring firefighting equipment. The forester may also assist associations with payment for liability insurance and other administrative expenses. HB 4007 expands the definition of rangeland protection association to include entities organized with approval of the county governing body to be a cost-neutral part of the emergency management program in a county having 200,000 or more acres of rangeland outside of any forest protection district and not protected by existing RPA established by rangeland owners under ORS 477.320.

Our goal is to move as rapidly as possible in developing any administrative rules needed for these bills. We will keep you posted on our progress.

First task force leader training a success

The Office of State Fire Marshal's first task force leader symposium took place February 23 & 24 in Eugene. It was a tremendous success with more than 100 current and future task force leaders attending. Presentation topics included structural triage and prep, claims and finance, BK radio training, and other topics. With such a positive response, the OSFM plans to host additional trainings in the future.



Panel members (left to right) Chad Minter, Damon Schulze, Vince Stafford, Scott Magers, Mariana Ruiz-Temple, and Les Hallman answer questions regarding policies, procedures, and lessons learned during the 2015 fire season.

Oregon Hazardous Materials Response Teams Conference registration now open

Online registration is now open for the 2016 Oregon Hazardous Materials Response Teams Conference May 17–19, 2016, at Sunriver Resort in Sunriver, Oregon. The conference provides training classes and networking opportunities, and also showcases the latest in technology for hazmat response.

Learn from experienced presenters as they share, inform, and help prepare you for hazmat response under varying circumstances. Educational sessions include:

- Masters of Gas Detection
- Flammable Liquid Rail Response and Instruction on Oregon Railroad Fire Fighting Trailers
- CAMEO, WISER, Google Earth, Microsoft Office, and ArcView for laptops, tablets, iPhones, and other devices
- Effectively using the ALOHA program before, during, and after chemical incidents
- Hazmat Chemistry Refresher, Properties Based decision making for the hazmat incident
- Hazmat ID Operation & Case Studies of Field Use
- The Hazmat Team Leader - Modern Day Warfare
- Mercury Awareness Training
- Radiation Playbook
- Case Reviews of Oregon Rail Car Incidents
- Trends, Recent Seizures, and Safe Handling Practices: Fentanyl and Butane Honey Oil
- PEAC-WMD Software - Planning and Response Tool
- Hash Oil Lab Identification/Investigations/ Prosecution

Registration - \$325 (which includes Tuesday dinner; Wednesday breakfast, lunch, and dinner; Thursday breakfast and lunch). Registration closes May 1, 2016. [Register online.](#)

To reserve a hotel room, contact Sunriver Resort at 800-801-8765 and mention the 2016 Oregon Hazmat Conference. The reservation deadline is April 18, 2016.

Scheduled training for the OSFM Smoke Alarm Installation Program

The Oregon Office of State Fire Marshal will be conducting training on the Smoke Alarm Installation Program, which is required for fire agencies who wish to participate in the program. The program provides free smoke alarms, educational materials, and funding assistance to Oregon fire agencies who wish to conduct a smoke alarm installation project in their jurisdiction.

Training topics include:

- Planning a smoke alarm installation project
- Replacing smoke alarms and batteries
- Oregon smoke alarm law
- Smoke alarm types and installation
- Installation briefing
- Program requirements
- Applying for the program, ordering smoke alarms and educational materials
- Project funding

Current trainings scheduled via webinar:

- March 29, 2016, 10 a.m. Registration ends March 22, 2016.
- April 26, 2016, 2 p.m. Registration ends April 19, 2016.
- June 28, 2016, 11 a.m. Registration ends June 21, 2016.

Training information can also be found on the [OSFM website](#). For questions, email osfm.ce@state.or.us or call 503-934-8228.



Alfredo Mendez, Marion County Fire District #1 Deputy Fire Marshal

SAFER grant application period open

The application period for the Staffing for Adequate Fire and Emergency Response Grants program is now open. The application period closes at 5 p.m. EDT on Friday, March 25, 2016.

The SAFER Grants program provides funding to fire departments and volunteer firefighter interest organizations to help them increase or maintain the number of trained, “front line” firefighters available in their communities.

The goal of SAFER is to enhance the local fire departments’ abilities to comply with staffing, response, and operational standards established by the NFPA.

To apply, the department must be registered and have up-to-date information in the online System for Award Management registration system. To register or check, visit SAM.gov and follow the FAQs and user guides for help completing the registration.

S-203 Introduction to Incident Information course in June

The National Wildfire Coordinating Group is sponsoring this course to provide students with the skills and knowledge needed to serve as a public information officer. The course covers establishing and maintaining an incident information operation, communicating with internal and external audiences, working with news media and social media, handling special situations, and long term planning and strategy.

When: June 6-10, 2016

Where: Central Oregon Community College, Bend, OR

Required Experience: None

Tuition: \$273

Nomination Deadline: April 4, 2016

Selections Announced: April 11, 2016

Prerequisites: Satisfactory completion of [pre-course work](#).

Interested candidates, please contact Paula Simone at psimone@cocc.edu.

DATA Connection

*News from the Analytics & Intelligence Unit
by Program Coordinator Dave Gullede*

Reporting No Runs

An entire month without a call is not out of the ordinary for many Oregon fire agencies. In 2015, 57 agencies reported they had no calls for a particular month. Whether an agency handles thousands of calls a month or none, it is important for the local agency to report to the Office of State Fire Marshal.

It's just as important for us to know that an agency did not respond to any calls for a month as it is for us to receive incident reports for thousands of calls. It ensures that we are not missing any information. When all of Oregon's fire agencies report their incident data, or indicate they had no calls, it provides us with an opportunity to analyze the complete fire picture, which in turn allows us to create programs and target problem areas.

When initially arriving on the scene of an incident, it is important for the fire ground officer to walk completely around the scene, or 'size it up,' to fully understand what they are dealing with. At the state and federal level the same principle applies. Although we may not be the first responders, we need to fully understand what we are dealing with in order to know how to address the fire problem.

Getting complete data from every agency is the only way for us to size up the fire problem. When we look at summary data and see a zero in the total runs column for an agency, unless we are told otherwise, we can only assume we are missing valuable information.

There are two ways Oregon fire agencies can report they had no runs for an entire month:

- If you use the state's online reporting system, Fire Bridge™, the Modules tab has a feature called 'No Runs to Report.' Clicking on this tab takes you to the module where you can select 'No Fire Runs.' This module will show month/years when you did not respond to any calls. If you have not used this feature before, simply click on the 'Add No Runs' button and select the month and year in which you did not respond to any calls and click 'Ok.' With just

those few clicks, we will know you had no runs that month, and that you have met the reporting requirement for the entire month.

- Agencies that do not use Fire Bridge™ can contact us in person, by phone, or by email and let us know they had no calls for a particular month. Once notified, we can enter this into the system and reporting for that month is then complete.

Incident reporting in Oregon has significantly improved over the past several years, but there is still room for improvement. Your agency can be part of the solution by helping to provide the most accurate fire picture for Oregon through timely and thorough incident reporting.

NFIRS and Fire Bridge™ training

The Analytics & Intelligence Unit has provided a significant level of NFIRS and Fire Bridge™ training to Oregon fire service agencies over the past several years. We are committed to continuing these services and providing these free learning opportunities.

Here's a quick look at our training accomplishments in 2015, by the numbers:

- 7,000 miles travelled
- 118 hours of instruction
- 40 training sessions
- 67 agencies trained
- 249 personnel trained

We obviously put a lot of effort into helping Oregon fire agencies be successful in 2015. The investment we made has paid off through improvements in the quantity and quality of incident data. More agencies are also effectively managing their agency's operations with the tools available in Fire Bridge™.

If you or your agency would like to receive free training on NFIRS or Fire Bridge™, simply contact the Analytics & Intelligence Unit to make arrangements.

Questions? Please contact the Analytics & Intelligence Unit at 503-934-8250, toll free at 877-588-8787, or email osfm.data@state.or.us.

Oregon Firefighter Academy NFPA Firefighter I & II

The Oregon Department of Public Safety Standards and Training is sponsoring the 2016 NFPA Firefighter I & II academy April through June at the Oregon Public Safety Academy in Salem.

The academy is free and includes lunches and lodging (free lodging for commuters driving more than 75 miles one way). Breakfast and dinner will not be provided and must be purchased off-site.

Schedule:

- Begins April 1st, formal graduation ceremony on June 25, 2016
- Weekend breaks April 23rd, 24th and May 28th, 29th
- 220-240 total hours
- 0800-1800 Saturdays and Sundays

Attendance requirements:

- Fire Engineering Firefighter I, II books
- Oregon fire service agency affiliation
- Letter of support from head of sponsoring department
- OSHA Respiratory Questionnaire (Proof of Completion)
- Attest to continual compliance with OSHA respiratory requirement for facial hair
- Current Fit Test for SCBA mask used
- Physical exam by a physician
- Ability to become certified as a firefighter in the State of Oregon
- PPE to meet NFPA standards

Academy objectives:

- To provide only highly qualified instructors for each subject presented
- Firefighter candidates will achieve a high level of academic and performance standards
- To ensure firefighter candidates exceed DPSST and NFPA 1001 requirements for certification at the Firefighter I and II levels
- To prepare firefighters for a high level of performance within their fire service organization

The course is extremely physically and mentally demanding. Participants have found that extra changes of clothing and fuel food make the days more comfortable. Participants must have no injuries that would prevent full participation.

To register, submit a completed [course registration application on the DPSST website](#) (please note, you may have to open the form in a different viewer to access the form fillable function) and include with your application a letter of support from your agency head to: Rebecca Carroll at: rcarroll@dpsst.state.or.us

For registration questions contact: Rebecca Carroll at rcarroll@dpsst.state.or.us

Shared dorm room lodging is available at the academy at no charge if you are traveling more than 75 miles one-way. If you would like to request dorm room housing (AFTER you receive an e-mail confirming you have been registered for the class), please email rebecca.nolte@state.or.us or call 503.378.4399.

Juvenile Firesetter Intervention Specialist I training in March

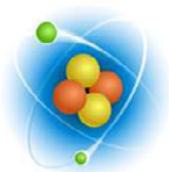
The Coos Bay Fire Prevention & Intervention Network, Coos Bay Fire and Rescue, and the OSFM Youth Fire Prevention & Intervention program are sponsoring two days of Juvenile Firesetter Intervention Specialist I training at Coos Bay Fire & Rescue Station, 450 Elrod Street, Coos Bay, Oregon, from 8:00 a.m. to 5:00 p.m., March 15th and 16th, 2016.

Training is free, although registration is required for all attendees. Attendees are responsible for travel, meals, lodging, or other expenses.

Class size is limited and is on a first-come, first-serve basis. [Registration is available online.](#)

The 16-hour training provides an overview of Oregon's juvenile firesetter intervention program. Topics include: policies, procedures and laws; child development and communication; practice using the Oregon Juvenile with Fire Screening Tool; educational fire safety resources; reporting and data collection; and networking steps.

The class helps to prepare fire service personnel for completion of the task book as required by the Department of Public Safety Standards and Training for the National Fire Protection Association 1035 certification as a Juvenile Firesetter Intervention Specialist I in Oregon.



Phosphoric Acid H_3PO_4

Description:

- Synonyms: Orthophosphoric acid
- Clear, colorless 85% aqueous solution
- CAS No.: 7664-38-2
- EPA Section 302 EHS: Not listed
- EPA Section 112R : Not listed
- EPA Section 304 EHS: Not listed
- OSHA PSM: Not listed

NFPA 704 Information:

- Health: 3
- Flammability: 0
- Reactivity: 0
- Special: None

Uses and Occurrences:

- Uses include chemical reagent, rust inhibitor, food additive, dispersing agent, fertilizer feedstock

Reactivity and Fire Risk:

- Non-Combustible
- Stable under recommended storage conditions
- Flash point: NA
- Autoignition temperature: NA
- Vapor density (air = 1): 3.4
- Specific gravity (water = 1): 1.685 - 1.982
- Boiling point: 316 - 415° F
- Reacts with metals to form hydrogen gas
- Forms flammable and/or toxic gases in contact with nitriles, sulfides, isocyanates
- Violent to explosive reaction with strong oxidizers and strong reducers
- Can initiate polymerization of certain classes of organic compounds
- Incompatibles include oxidizing agents, strong acids, strong bases, metals, and combustible materials

Health Hazards:

- IDLH: 1,000 mg/m³
- Corrosive, causes severe chemical burns to all tissues

Fire Fighting Measures:

- Extinguishing media: Water spray, dry chemical, carbon dioxide, or appropriate foam
- Use flooding amounts of water to cool unopened containers

2012 Emergency Response Guidebook:

- Shipping name: Phosphoric Acid Liquid or Solution
- Hazard Class: Corrosive Substance (8)
- UN/NA: 1805; Guide #154 Toxic and/or Corrosive (Non-Combustible); 1805 also applies to solid form
- Spill or leak – Initially isolate 150 feet in all directions
- Fire – Tank, rail car, or tank truck: Initially isolate ½ mile in all directions

2014 Oregon Fire Code: Table 5003.1.1(2)

- Corrosives
- Maximum Allowable Quantities (MAQ) per control area:
 - Unprotected by sprinklers or approved storage cabinets: 500 gallons
 - In sprinklered building, not within approved storage cabinets: 1,000 gallons
 - In unsprinklered building, within approved storage cabinets: 1,000 gallons
 - In sprinklered building, within approved storage cabinets: 2,000 gallons
 - Group when MAQ exceeded: None
 - Note e and f

Incident Reporting and Information:

- Facilities reporting phosphoric acid or a dilution of phosphoric acid on the Hazardous Substance Information Survey: 44
- Hazardous materials incidents reported in Oregon since 1986: 12

References include:

- [Cameo chemicals – Phosphoric Acid](#)
- [Sigma-Aldrich – SDS Phosphoric Acid 85% \(Link select download SDS\)](#)
- [Science Lab.Com – MSDS Phosphoric Acid 85%](#)
- [Labchem, Inc. - SDS Phosphoric Acid 85%](#)
- [Innophos - SDS Phosphoric Acid 85%](#)
- [EPA List of Lists – March 2015](#)
- [CDC NIOSH Pocket Guide – Phosphoric Acid](#)

OSFM promotion and new employee

Brent Griffiths Community Right to Know Coordinator

In February, OSFM Compliance Specialist II Brent Griffiths was promoted to the Community Right to Know Coordinator position, taking over for Mark Johnston who accepted a new position as the manager of OSFM's revamped Regulatory Services Unit.



Griffiths previously served as a compliance specialist in the non-retail fueling program and briefly as the interim manager of the License & Permits Unit.

During his career prior to joining the OSFM, Brent spent nine years with the Department of Consumer and Business Services, seven years as a U.S. Border Patrol agent, and served three years in the U.S. Air Force.

Michael Heffner Emergency Response Unit Manager

Michael grew up in Beaverton, Oregon where he joined the Firefighter Explorer program at Washington County Fire District #1. After moving to Tigard, he became a volunteer firefighter with TVF&R. Shortly after attending OHSU's paramedic education program, he became a full-time firefighter for the city of Cornelius.



In 2001, he joined the City of Salem Fire Department where he served as firefighter/paramedic, EMS coordinator, fire captain, and interim deputy chief of training and EMS. As a member of Oregon's Region #13 Hazmat Team, Michael assisted with coordinating and delivering both technician and outreach training, and assisted in the planning and execution of the biannual Oregon Hazmat Response Teams conferences.

Michael has a Bachelor of Science in Fire Service Administration from Eastern Oregon University and is working towards a master's degree in Emergency Services Administration.

He and his wife raise three kids in Aumsville, Oregon where he also serves as a board director for the Aumsville Rural Fire District. In his spare time he continues to teach CPR, first aid, emergency medical, hazmat response, and chemical decontamination classes.

"I'm looking forward to working with many of the folks I've collaborated with during my time with the Region #13 Hazmat Team."

Yamhill FIT conducts 31st annual training

The Yamhill County Fire Investigation Team conducted its 31st annual certified basic fire investigation class in January. Twenty-four volunteer and paid fire and law enforcement personnel from around Oregon were trained in basic fire investigation in a classroom setting and with live fire sets.

The Yamhill County FIT was formed under the Yamhill County fire chiefs and is comprised of members from Newberg, McMinnville, Lafayette, Dundee, and Sheridan fire departments, the Amity, Dayton, Carlton, West Valley, and Yamhill fire districts, as well as the Yamhill County Sheriff's office, McMinnville Police Department, Yamhill County District Attorney's office, Newberg Building Official's office, Oregon Department of Forestry, and the OSFM.



Members of the Yamhill County Fire Investigation Team pose outside of the structure used for the hands-on training portion of investigation class given in January.