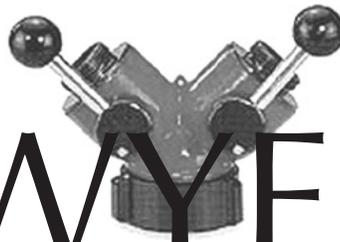


GATED WYE



September 2014 · Oregon Office of State Fire Marshal · 4760 Portland Road NE · Salem Oregon 97305-1760 · No. 368

Jim Walker appointed State Fire Marshal

Oregon State Police Superintendent Rich Evans announced the appointment of Jim Walker as the next Oregon state fire marshal. Walker's appointment was effective August 1, 2014.

Walker, 52, began his service with the OSFM as chief deputy state fire marshal in 2009 and has been serving as the interim state fire marshal since March 2014.

In his role as state fire marshal, Walker directs the agency's fire programs, including fire code development and enforcement, fire investigation, fire data collection and analysis, the Community Right to Know Program, hazmat response teams, fire safety education and information, firesetter intervention, and regulation of the fireworks, explosives, propane, and non-retail gasoline dispensing industries.

Other responsibilities include administration of the State Fire Service Mobilization Plan and the state fire marshal's structural overhead teams.

Walker is a member of the Oregon Fire Chiefs Association, Oregon Volunteer Firefighters Association, Pacific Northwest Coordinating Group Steering

Committee, Western Fire Chiefs Association, National Fire Protection Association, Oregon Fire Marshals Association, Governor's Fire Service Policy Council, International Fire Chiefs Association, and International Code Council.



Prior to joining OSFM in 2009, he was the fire operations director for the Oregon Department of Forestry (ODF) and has experience managing ODF's statewide fire operations activities, including directing aviation resources.

"I thank the fire service and Oregon State Police for their support and confidence in me leading this high-quality orga-

nization into the future," said Walker. "I look forward to continuing our great partnerships with the Oregon fire service in achieving our common goals of protecting Oregonians and their property from fire and hazardous materials."

Walker is Oregon's 10th State Fire Marshal since C. Walter Stickney was appointed the first State Fire Marshal in 1963.



Oregon State Fire Marshals

C. Walter Stickney 1963-1973

Clyde W. Centers 1974-1981

Olin L. Greene 1982-1990

Everett G. Hall 1990-1993

Robert T. Panuccio 1994-2000

Robert L. Garrison 2001-2004

Nancy Orr 2004-2008

Randy R. Simpson 2009-2010

Mark Wallace 2011-2014

From the desk of the state fire marshal



As your new state fire marshal, I am committed to strengthening these partnerships and processes.

– Jim Walker

It's an honor

As most of you may know by now, I have been given the extreme honor of being appointed as Oregon's 10th state fire marshal. It seems fitting I was appointed by Governor Kitzhaber during his visit with me while on the Beaver Complex Conflagration.

I have been to all four conflagrations this year; my experiences with the way our IMTs and task forces seamlessly integrated with all of the other state and federal partners left me inspired.

These conflagrations were a great opportunity for me to witness first-hand the effective response and professionalism with which our structural folks conducted themselves.

In one particular incident during the Rowena Fire, I worked side by side with front-line firefighters and was very impressed with their work and dedication to save the homes of people they never met. It made me proud to be a part of it.

In the words of ODF Fire Protection Division Chief Nancy Hirsch, "All of our efforts have resulted in a complete and coordinated system of response."

This same statement applies to our partner fire agencies and stakeholders. We have established good relationships and good lines of communication to stay on top of fires with conflagration potential, and the marshalling and deploying of resources when called for. As your new state fire marshal, I am committed to strengthening these partnerships and processes.

The OSFM is staffed with hard working, dedicated people focused on doing whatever they can to help our fire agencies and others protect the lives and property of Oregonians, and I truly appreciate the faith everyone has put in me to advance this mission.

I thank all of you for what you do, from the paid and volunteer firefighters to those working in administrative capacities, fire prevention, code enforcement and inspection, and public information; I pledge to be always at your service.



**State Fire Marshal
Jim Walker**

**Office of
State Fire Marshal**

**Oregon State Police
4760 Portland Rd. NE
Salem Oregon
97305-1760**

**www.oregon.gov/OSP/SFM
503-934-8200**

Administration
503-934-8205

Codes & Technical
Services
503-934-8204

Fire & Life Safety Education
503-934-8236

Community
Right-to-Know
503-934-8238

Analytics & Intelligence
503-934-8273

Emergency Response
503-934-8238

Fire & Life Safety
503-934-8256

License & Permits
503-934-8264

Youth Prevention
& Intervention
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.

Oregon Fallen Firefighters Memorial scheduled for September 18

The 2014 Oregon Fallen Firefighters Memorial ceremony is scheduled for 1 p.m., Thursday, September 18, 2014, at the Oregon Public Safety Academy, 4190 Aumsville Highway SE, Salem.

The memorial honors all Oregon firefighters who have made the ultimate sacrifice by giving their lives in the line of duty.

This year, five names will be added to the memorial.

Uniform protocol: Class A preferred. Memorial bands should be worn over badges. For more information contact Julie Olsen-Fink at 503-378-2297 or julie.olsen-fink@state.or.us.

New webpage for frequently asked carbon monoxide questions

The OSFM has a new frequently asked question (FAQ) section on its information page covering carbon monoxide alarms. The FAQs are divided into three main categories:

- General Carbon Monoxide Alarm Information
- Carbon Monoxide Alarm Information for Realtors, Home Sellers, and Home Buyers
- Carbon Monoxide Alarm Information for Property Management, Landlords, and Tenants

[Click here to visit the carbon monoxide information page.](#)

For CO questions not covered in the FAQ, call 503-934-8228 or email osfm.ce@state.or.us.

Gearing up for Fire Prevention Month

For this year's Fire Prevention Month, the OSFM Fire and Life Safety Education branch has created a new smoke alarm brochure as well as a number of other resources for Oregon fire agencies.

The goal of the smoke alarm brochure was to create a product that is appealing, appropriate for Oregon's diverse populations, colorful, and easy to read. To this end, the brochure uses plain language for easier understanding by a wider audience, infographics, and contains English and Spanish text to reach more populations. Topics include installation, battery use, testing, and tips for both landlords and tenants.

The OSFM also has newly designed products for youth education. These include an activity book with fire prevention messages, pencils with fire safety tips, and a message based paper fire truck. These are just a few of the items available free. More information along with ordering information will be emailed to all Oregon fire chiefs and fire marshals.



Also available to make your Fire Prevention Month a success include a smoke alarm tips flier/poster, TV and radio ads, and a new mobile billboard. Visit our [Fire Prevention Month webpage](#) for more information on our Fire Prevention Month social media campaign and contest rules.

Fire Prevention Month is also a great time to start a new smoke alarm installation campaign. [You can submit an application here.](#)

Questions? Please contact the Fire & Life Safety Education branch of OSFM at 503-934-8228 or osfm.ce@state.or.us.



OSFM in the field



Deputy State Fire Marshal Kristina Deschaine (far right), working as part of the OSFM Blue Incident Management Team on the Beaver Complex, has a discussion with Task Force Leader Douglas Bailey (facing camera) from Corvallis Fire Department, while Logistics Trainee Matthew Meyer (far left) and Division Supervisor Ron Howland look on.

Guide for family members of volunteer responders

Joining the volunteer fire service means a lifestyle change not only for the individual volunteer, but also for their entire family. To help family members navigate the volunteer fire service life, the [National Volunteer Fire Council \(NVFC\)](#) partnered with [FirefighterWife.com](#) to create the new resource, *What to Expect: A Guide for Family Members of Volunteer Firefighters*.

The guide is intended for spouses, children, parents, siblings, or significant others of volunteer and paid-on-call responders. It introduces family members to the basics of the volunteer firefighter life and provides guidance for keeping family relationships strong, being part of the fire department family, and more.

The guide is available for [free download](#) from the NVFC web site, or order print copies from the [NVFC store](#). For a limited time only, NVFC members can order up to 25 print copies for free; access the discount code on the Member Benefits page of the Members-Only section of the NVFC website.

Northwest Residential Fire Sprinkler Summit

The Northwest Residential Fire Sprinkler Summit is scheduled for Thursday, September 18, 2014, at the Heathman Lodge in Vancouver, Washington.

The summit runs from 8 a.m. to 4:30 p.m. The keynote speaker is California State Fire Marshal Tonya Hoover. Tickets are \$50 if purchased before September 6th and include lunch, an evening event, and conference materials. Tickets are \$75 if purchased after September 5th.

[Visit the Oregon Fire Sprinkler Coalition Facebook page.](#)

Firewise virtual workshop available free

Registration for the next Firewise Virtual Workshop: Get Prepared, Stay Alive, Rebuild Your Life is now open. This no-charge session is scheduled for Tuesday, September 16 at 11 a.m. MDT (10 a.m. PDT). The topic complements [September's National Preparedness Month](#) campaign: Be Disaster Aware, Take Action to Prepare. Please share this opportunity with the communities you work with.

The featured presenter is author and researcher Linda Masterson. Her book *Surviving Wildfire – Get Prepared, Stay Alive, Rebuild Your Life* is a comprehensive guide that will motivate residents to become better prepared and provide professionals with information they can use in their outreach and education efforts. Her compelling story details the journey that she and her husband navigated during the evacuation, recovery, and rebuilding phases. She shares the importance of both mitigation and preparedness actions in a testimonial style.

The first 100 registrants for this session will receive a complimentary copy of the *Surviving Wildfire Pocket Guide*, a companion to Master's *Surviving Wildfire: Get Prepared, Stay Alive, Rebuild Your Life (A Handbook for Homeowners)*. Participation in the live workshop is limited and [preregistration is required](#).

DATA Connection

News from the Analytics & Research unit
by Program Coordinator Dave Gullledge



Forest Grove Fire & Rescue Inspector Chris Woodford (left) and Intern BJ Steinke inspect a damaged pot from a cooking fire.

The pot in the above photo was involved in an unattended residential cooking fire. **How do you code that?**

In this case, we're talking about indoor cooking fires, the leading cause of fire-related injuries and one of the leading causes of all residential fires.

Cooking fires that do not extend beyond the non-combustible container being used and do not damage the container should be coded as Incident Type 113 – Cooking fire confined to container. When the fire extends beyond the container or damages the container (as in the photo), the incident type becomes a 111- Building fire.

There is a common error when cooking fires involve equipment. For example, when food catches fire in a microwave it is often coded as a confined cooking fire. The correct coding is incident Type

111- Building fire. The microwave would be identified as the equipment involved in ignition.

The thing to remember is that in order to be a confined cooking fire, the fire must occur in a non-combustible container that is not a powered piece of equipment and must not extend or cause damage to the container.

You may wonder what difference it makes how these fires are reported. *Isn't it enough that they were reported?* The difference is the decisions that get made from the local to the federal level. Good decisions can only be made with good data. Whether it's a cooking fire or other type of incident, entering data inconsistent with reporting standards creates bad data.

The National Fire Incident Reporting System rules and standards are designed in such a way that when powered equipment is involved in ignition, information about the equipment is collected. Capturing this information is critical to organizations such as the Consumer Product Safety Commission. The information may be used to issue product recalls.

Protecting citizens from harm is something the fire service aims to do when it comes to fire. In addition to education campaigns about the dangers of unattended cooking, the fire service also protects people by properly reporting cooking fires. The information reported is used to develop safer products, better fire codes, and targeted education programs. For these to be positive impacts, good data is needed.

Last year in Oregon there were 638 fires reported as starting in residential kitchens, resulting in three deaths, 25 injuries, and more than \$7.3 million in property damage. This information alone demonstrates the seriousness of these fires and the need to accurately capture data in order to reduce the amount of harm and damage they cause.

When you perform an accurate and complete report of information related to the incidents your agency responds to, you become part of the solution.

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

Portland Fire & Rescue again *Lowers the Boom* on illegal fireworks

by Michael Silva, Portland Fire & Rescue

With the help of the Portland Police Bureau and community safety activists, Portland Fire & Rescue once again led a campaign against illegal fireworks that included both enforcement and proactive education. The combined education and enforcement effort is beginning to show positive results.

Building on the messaging and enforcement of past years, we have seen a downward trend in the number of fires caused by illegal fireworks.

- From June 23 to July 6, 2013, Portland had 35 fireworks-related fires (26 occurring on the 4th of July).
- During the same period this year, 29 fires in Portland were determined to be firework-related (12 occurring on the 4th of July).

Collaborating with the Portland Police Bureau has proven to be key to our enforcement activity. Teams consisting of one PF&R fire inspector and one Portland Police Bureau officer patrolled Portland neighborhoods during peak firework periods, where they were either dispatched to reports of illegal fireworks or responded directly to observed activity. Eight teams working across the city from July 3-5 issued 120 citations valued at \$69,000 and confiscated thousands of dollars of illegal fireworks, (162 citations issued in 2013).

In 2012, PF&R expanded the program from enforcement only to a collaborative effort that included other area fire departments and outside agencies, such as county animal shelters and area hospitals, to develop an educational/advertisement campaign launched in June before the sale of fireworks began. The campaign used numerous media outlets and methods, including: radio, newsprint, billboards, bus tails & shelters, social media, and other digital content. A 30-second public service announcement was aired in area movie theaters, and a four-minute public service announcement was distributed throughout the community. A 3' x 5' informational sign was also posted in more than 60 stores in the area.

Along with our partners from Gresham Fire,

Clackamas Fire District #1, and Lake Oswego Fire, we gained a new partnership with Portland Public Schools and were able to email a Summer Safety Flyer to the families of approximately 45,000 students.

Additionally, PF&R tapped into the city's Neighborhood Emergency Teams (NETs), these consist of Portland residents trained to respond in their communities during an emergency. NET members donated countless hours to delivering thousands of information fliers and door hangers to homes throughout Portland, alerting residents to the dangers and consequences of illegal fireworks.

Since the education campaign began, many have noted an increase of people and agencies joining to take a strong stand against illegal fireworks and voice their concerns for protecting their loved ones, property, and the environment.

In the future, PF&R, along with our many partners, looks forward to gaining more momentum to drive down the number of fires, injuries, and other negative impacts caused by illegal fireworks.

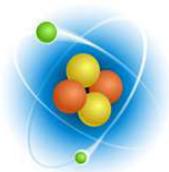
September is Campus Fire Safety Month

According to the NFPA report "[Structure Fires in Dormitories, Fraternities, Sororities, and Barracks](#)," September and October are the peak months for fires in college housing. September marks the 10th anniversary of Campus Fire Safety Month.

Although since 2000 there has been a downward trend in campus-related fire deaths, off-campus housing is still the greatest risk and where 87% of the fire deaths occur.

In the past five years in Oregon (2009-2013), there were a reported 40 college housing-related fires causing more than \$160,000 in property loss. Fortunately, there were no reported deaths or injuries.

The NFPA and the [Center for Campus Fire Safety](#) are urging fire agencies to remind students to be mindful of fire safety. Helpful resources include a [free fire safety checklist](#) and [campus and dorm fire safety tip sheet](#).



Acetic Acid CH_3COOH

Description:

- Synonyms: Acetic acid, glacial; ethanoic acid
- Colorless liquid with a pungent vinegar odor
- CAS No.: 64-19-7
- 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: 2
- Reactivity: 0
- Special: None

Uses and Occurrences:

- Can be found in vinegar at 5-8%
- Used to make chemicals, and as a food additive

Reactivity and Fire Risk:

- Combustible
- Stable under recommended storage conditions
- Flash point: 102° F
- LEL: 4.0; UEL: 19.9
- Autoignition temperature: 798-961
- Vapor density (air = 1): 2.1
- Specific gravity (water = 1): 1.05
- Boiling point: 243° F
- Freezing point: 62° F
- Reacts with most metals to form flammable hydrogen gas
- Incompatibles include oxidizing agents, metals, alcohols, soluble carbonates and phosphates, and many others
- Forms explosive mixtures with p-xylene and air

Health Hazards:

- IDLH: 50 ppm
- LD50: 3310 mg/kg (oral rat)
- LC50: 11.4 mg/l (inhalation 4 hour rat)
- Corrosive causes severe chemical burns to all tissues

Fire Fighting Measures:

- Extinguishing media: Water spray, dry
- Chemical, carbon dioxide or appropriate foam
- Use water spray to cool unopened containers
- Vapors can spread along the ground and collect in low areas

- Vapors may form an explosive mixture with air
- May be ignited by friction, heat, sparks, or flame

2012 Emergency Response Guidebook:

- Shipping names: Acetic acid, glacial; Acetic acid, solution more than 80% acid
- Hazard Class: Corrosive Substance (8); Flammable/Combustible liquid (3)
- UN/NA: 2789; Guide #132 Flammable Liquids - Corrosive
- 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(1)

- Combustible liquid Class II
- Maximum Allowable Quantities (MAQ) per control area:
 - Unprotected by sprinklers or approved storage cabinets: 120 gallons
 - In sprinklered building, not within approved storage cabinets: 240 gallons
 - In unsprinklered building, within approved storage cabinets: 240 gallons
 - In sprinklered building, within approved storage cabinets: 480 gallons
 - Group when MAQ exceeded: H-2 or H-3
 - Note d and e

Incident Reporting and Information:

- Facilities reporting acetic acid or an aqueous dilution on the Hazardous Substance Information Survey: 16
- Hazardous materials incidents reported in Oregon since 1986: None

References include:

- [Cameo chemicals – Acetic Acid, Glacial](#)
- [Fisher – Scientific MSDS Acetic acid, glacial](#)
- [Sigma-Aldrich – MSDS Acetic acid](#) - (Link select download MSDS)
- [EPA List of Lists - October 2012](#)

For questions or suggestions, contact Aleta Carte at 503-934-8262 or aleta.carte@state.or.us.

Free 2014 Assistance to Firefighters Grant workshops in Oregon

Fire Program Specialist for the Assistance to Firefighters Grant Brian Ipsen, will be presenting AFG Workshops in Oregon during September. The workshops provide fire and EMS agencies with the latest 2014 updates, available funding for all grants, and funding priorities for the upcoming grant application period. Participants will learn the process of applying for AFG grants and receive insight on the FY2014 AFG Program Guidance.

Ipsen will provide all the information and handouts. This grant workshop will provide information on all 2014 AFG grants for local fire department personnel and EMS organizations. Find out what has changed for the 2014 applications and learn how to write a good narrative supporting each scoring element of the narrative. At the end of each grant workshop there will be time for questions and a review section on how to manage your grant for past grantees.

Cost: none. Registration is not required. For more information, contact information: Brian Ipsen at brian.ipsen@fema.dhs.gov or 425-487-4633.

AFG workshop schedule

Date	Time	Fire Agency	Address
Wednesday, September 03, 2014	6:30 p.m.	Astoria Fire Department	1095 Duane St. City Hall Astoria, OR
Thursday, September 04, 2014	1:00 p.m.	Cornelius Fire Department	311 N. Barlow St. Cornelius, OR
Tuesday, September 16, 2014	1:00 p.m.	Eugene Springfield Fire Department	225 Fifth St. City Hall Library Rm. Springfield, OR
Tuesday, September 16, 2014	6:30 p.m.	Winston Dillard Fire Department	250 SE Main Street Winston, OR
Wednesday, September 17, 2014	12:00 Noon	Ashland Fire Department Station 2	1860 Ashland St. Ashland, OR
Wednesday, September 17, 2014	6:30 p.m.	Klamath County Fire Dist. 1	143 N. Broad St. Klamath Falls, OR
Thursday, September 18, 2014	1:00 p.m.	Redmond Fire & Rescue	341 Dogwood Ave. Redmond, OR

For sale

1983 Pierce Arrow Pumper, 1,250 GPM mid-ship pump; 1,000 Gallon steel tank; twin hose reels; deck gun; Night-fighter light; ladders with hydraulic rack; 6 inch poly hard suction; good rubber; 6V92 Detroit, HT 740 Allison Automatic Transmission; low miles at 19,274; manuals; 2013 pump test; one owner; \$9,950.00 OBO.

Other equipment currently not for sale. The truck is in Madras, Oregon. For more information, contact Philip Johnston, Jefferson County FD #1, at 541-475-7274 (work) or 541-325-3440 (cell).

