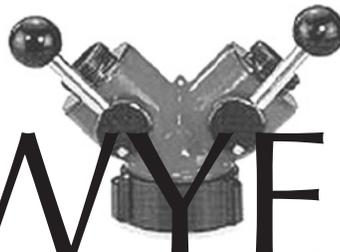


GATED WYE



December 2014 · Oregon Office of State Fire Marshal · 4760 Portland Road NE · Salem Oregon 97305-1760 · No. 371

Governor administers oath to Walker and Ruiz-Temple

Governor John Kitzhaber administered the oath of office to State Fire Marshal Jim Walker and Chief Deputy State Fire Marshal Mariana Ruiz-Temple at a ceremony November 18, at the Department of Public Safety Standards and Training.

The families of both Walker and Ruiz-Temple were in attendance and the honor of pinning the badge on the new state fire marshal was handled by his wife Kathi, while Ruiz-Temple's son, 14-year-old Anthony, bestowed his mom with her new badge.

In his remarks to the more than 150 fire service and public safety officials, and others in attendance, Governor Kitzhaber lauded the service of Walker and Ruiz-Temple, stating -

"Mariana has been contributing her energy, passion, experience, and dedication for the past 20 years. She is one of the shining examples of Oregonians whose curiosity has sparked the fire that forges our next generation's leaders.

When we talk about forging leaders we only have to look at Jim Walker's career to date; I'm sure there is a lot more of it ahead. From his job serving as the fire operations director for the Oregon Department of Forestry to his tremendous engagement in a professional capacity with the many Oregon fire service organizations, he is the consummate fire service professional. We are very, very lucky to have him."



Both families posed for a photo with the Governor after the ceremony.



From the desk of the state fire marshal



Remember to practice what we preach.

– Jim Walker

Keep your fire safety focus for the holidays

Holidays should always be about happy times: family, friends, and being thankful for what we have. It's comforting to know this is how most people experience this joyous time of year.

However, for others this happy time turns tragic due to destructive and/or deadly fires.

A common refrain of those suffering loss is "I didn't think it would happen to us." This is sad and frustrating for me, and I think members of the fire service are just as guilty of this frame of mind as the public.

We all need to start thinking, "Yes, it could happen to us," and we need to take steps to keep preventable home fires from happening.

This holiday season I encourage you to refocus on you and your family's safety. There are many ways in which we put ourselves at risk for a home fire if we refuse to take the proper precaution. Remember to practice what we preach:

Cooking safety – keep an eye on what you are cooking and never leave cooking food unattended.

Home heating safety – have your furnace, fireplace and woodstove inspected by a professional. Also, be sure any portable space heater has a tip-over switch and that you keep it away from things that can burn.

Electrical safety – don't overload sockets. Inspect your lights for frayed wires and bare spots.

Candle safety – keep candles at least one foot away from anything that burns.

Christmas tree safety – keep your tree well watered and keep it away from heater vents and fireplaces.

By keeping you and your family safe, you will be ready to respond to those unfortunate others who "didn't think it would happen to them."

Thanks for all you do, and stay safe. Happy Holidays!



**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
503-934-8214

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.

CR2K Annual Summary now available

The OSFM's Community Right to Know program has released their [2013 Annual Summary online](#). The 28-page summary provides vital information about hazardous substance storage and hazardous substance incidents in Oregon.

Under the Oregon Community Right to Know and Protection Act

(ORS 453.307-

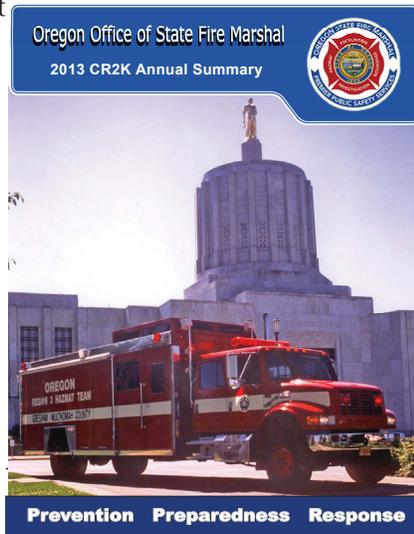
453.520), the CR2K program

collects information about hazardous substances used, manufactured, stored, or

disposed of by employers at fixed sites in Oregon. The CR2K program also collects

information from first responders about incidents involving the release or threatened release of hazardous substances. The information is available to Oregon's first responders, emergency planners, government agencies, and citizens, enabling them to take protective measures from risks associated with hazardous substances.

For questions about this notification, or for more information about the CR2K program, contact CR2K Program Coordinator, Mark Johnston at 503-934-8214, or mark.johnston@state.or.us.



Coming in February 2015 Juvenile Firesetter Intervention Specialist I Training

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, February 3-4, 2015, at the Coos Bay Fire & Rescue Station located at 450 Elrod Street, Coos Bay, Oregon.

Training is provided at no cost. Registration is required for all attendees.

All travel, meals, lodging, or other expenses are the sole responsibility of the attendee.

The 16-hour course 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,
- Intervention options including educational strategies and referral procedures, and
- Networking steps and data collection.

The class helps to prepare applicants for completing a 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.

Class size is limited. Registration is on a first come, first serve basis. [The training flyer and registration form are available on the OSFM website.](#)

More Oregon departments launch PulsePoint

Six more fire departments in Marion, Polk, and Lincoln Counties are launching PulsePoint, a free mobile application that alerts registered users whenever a cardiac arrest occurs in a public place in their immediate vicinity. Informed at the same time as emergency responders, bystanders are given detailed instructions, including the location of the nearest automatic external defibrillator (AED), and can begin hands-only CPR until responders arrive. The six departments: Marion County Fire District #1, Keizer Fire District, Polk County Fire District #1, Dallas Fire Department, Depoe Bay Fire District, and Salem Fire Department, join Tualatin Valley Fire and Rescue which became the first in Oregon to launch Pulse Point in 2013.

Start Safe: A Fire and Burn Safety Program for Preschoolers and Their Families training available

Check the calendar now and schedule a *Start Safe: A Fire and Burn Safety Program for Preschoolers and Their Families* training. There is no cost for the three hour training or the materials. Just let OSFM know when and where, and we will bring the program to your local area. Community representatives (schools, preschools), Head Start and fire service personnel from the surrounding area are encouraged to attend.

Start Safe gives preschool teachers and fire educators the tools to reach preschool children and their families. Children in this age group are among the at-risk group for fire and burn related injuries.

Start Safe is designed to help teachers and fire educators reach parents and caregivers with key safety messages and help them take action to reduce the risk of fires and burns at home. Curricula used are designed individually for teachers and fire educators and most materials are in English and Spanish.

The Office of State Fire Marshal's Youth Fire Prevention and Intervention Program, in partnership with the National Head Start, National Safe Kids, and Safe Kids Oregon, will provide the Start Safe training and all program materials at no cost. Registration is required but there is no registration cost.

[For a brief overview of some of the material covered, visit our website.](#)

To date, 500 members of Oregon's fire service and Head Start programs representing 46 communities have participated in 12 Start Safe trainings.

It is as easy as 1- 2- 3, to schedule a training. Just pick a date, location and then email the Youth Fire Prevention & Intervention Program at YouthFirePrevention@state.or.us or contact Krista K. Fischer at 503-934-8240.

Ready, Set, Go! train the trainer coming

Representatives from the International Association of Fire Chiefs will be presenting a train the trainer event for the national Ready, Set, Go! program on February 4, 2015 at the Oregon Public Safety Academy in Salem.



The training is open to all fire service representatives, neighborhood coalitions, and homeowner associations.

The training covers the important stages of readiness and strategies to implement them community-wide. The Ready, Set, Go! program helps residents to be Ready with preparedness understanding, be Set with situational awareness when fire threatens, and to Go, acting early when a fire starts.

Registration information will be published in the January issue of the Gated Wye newsletter.

NFPA releases 2013 firefighter injury report

The National Fire Protection Association has released the latest edition of its U.S. Firefighter Injury Report which highlights data on injuries sustained by firefighters on duty. The statistics were collected from fire departments responding to the 2013 NFPA survey for U.S. Fire Experience.

In 2013, 65,880 firefighter injuries occurred in the line of duty, a decrease of 5.1 percent from the previous year.

Of those injuries, 29,760 (45.2 percent) occurred during fireground operations, with the leading causes reported as overexertion, strain (26.5 percent) and fall, slip, jump (22.7 percent).

You can [access the full 29-page report on the NFPA website.](#)

DATA Connection

News from the Analytics & Intelligence unit
by Fire Data Specialist Candice Clark

New information update forms

The Analytics & Intelligence unit is tasked with maintaining a master contact information list of all Oregon fire agencies. Every section, unit, and program in the OSFM uses this information to communicate and share important information with Oregon fire agencies. That is why it is imperative that we receive updated information.

The two new forms for updating fire agency information are:

1. The [Fire Agency Updates Form](#) is used to submit information updates related to your fire agency.

- Mailing Address
- Physical Address
- Email Address
- Phone Number
- Fax Number
- Web Site Address

2. The [Fire Agency Contact Updates Form](#) is used to submit contact information updates for:

- Fire Chief
- Fire Marshal
- Public Education Officer
- Public Information Officer
- Incident Reporting Contact

Note: we assume that the fire chief will perform all the above mentioned roles and functions unless otherwise reported, so do not list the fire chief as any other title.

To verify your agency's current information, visit the [Oregon Fire Agency List by Name](#).

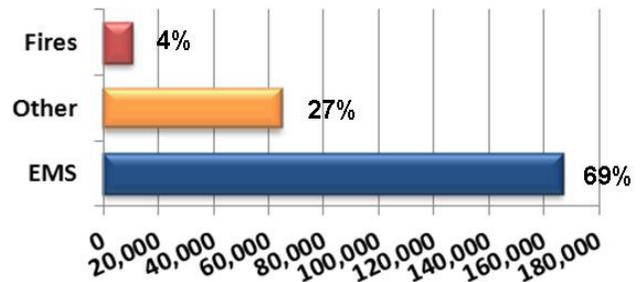
Providing the OSFM with updated information as it becomes available helps insure that important notices and communications get to the right place in a timely manner. The alternative is missed information, miscommunication, and poor public perception. The information we have is only as good as what local agencies provide. Please be part of the solution by keeping your agency's information accurate and current with the OSFM. It's easy with these new forms.

The Supplement to the 2013 Annual Report

Filled with a variety of statistics and information on Oregon fire agencies and the fire situation in Oregon, the [Supplement to the 2013 Annual Report](#) is now available online. Here you will find a pdf version of the entire report that is available for downloading or printing. Various charts, graphs, and tables used in the report are also available in an Excel format. Here are some report highlights:

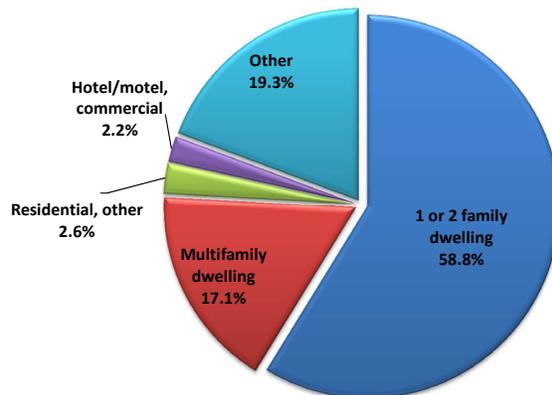
Out of the 267,575 incidents reported, just 4% involved an actual fire.

2013 Incident Category Breakdown



The 11,628 fires reported in 2013 represent a 3.8% increase from 2012. These fires resulted in 228 civilian injuries, 40 deaths, and more than \$168 million in estimated loss.

2013 Civilian Injuries by Property Use



Most fire related injuries occurred in residential settings.

End of year reminder

All 2014 incident reports need to be submitted to the OSFM by January 31, 2015.

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

December training on the OSFM Smoke Alarm Program

The OSFM will conduct a training on the Smoke Alarm Installation Program on December 10, 2014, from 10 a.m. to 11 a.m. Interested parties may attend either in person at the OSFM headquarters, 4760 Portland Road NE in Salem, or via webinar.

Completion of the training is required for agencies who wish to participate in the OSFM Smoke Alarm Program.

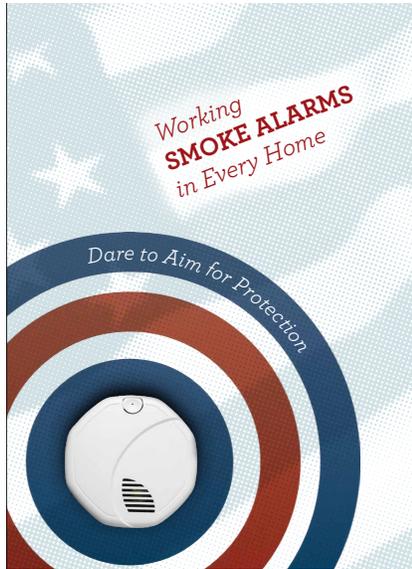
The program provides smoke alarms, materials, and funding assistance to Oregon fire agencies who wish to conduct a smoke alarm installation project in their jurisdiction.

Topics covered include:

- How to apply for smoke alarms
- Available funding assistance
- Program requirements
- Smoke alarm types and installation
- Installation reporting and waiver forms
- Educational materials available
- Installation briefing

Registration is required. [Visit our online registration site to sign up.](#)

For questions or more information, call 503-934-8228 or email osfm.ce@state.or.us.



IPSLEI 2015 leadership development program

The Oregon Department of Public Safety Standards and Training, the Oregon Association Chiefs of Police, and the Oregon State Sheriff's Association will be hosting the ninth Oregon cohort of the International Public Safety Leadership and Ethics Institute (IPSLEI) Leadership Development Program at the Oregon Public Safety Academy in 2015. The program is designed to develop leadership in the supervisors and managers who will become the future leaders of public safety entities in Oregon.

The IPSLEI Leadership Development Program consists of 160 hours of classroom activities. The class will meet Wednesday and Thursday every other week starting February 4, 2015. The cohort will graduate on June 11, 2015.

The program consists of four modules:

- Developing a Personal Philosophy of Leadership
- Leading Others Ethically
- Organizational Leadership
- Ethics and the Challenge of Leadership

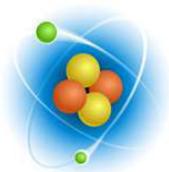
The coursework is intense and demanding; completion will require the commitment of the student and their agency. The student will likely spend as much time outside the classroom as in the classroom, with reading and writing assignments to be completed. Assignments are graded to upper division college level expectations.

Costs are limited to student materials (approximately \$350) and transportation to and from the academy. Lunch is provided each day, and lodging at the academy is free to students who travel more than 75 miles for the training.

Applicants must submit a letter of interest, an agency nomination, and a regional registration form.

Application deadline is 5 p.m., December 31, 2014.

For more information, [Visit the DPSST website](#) or contact Steve Winegar at 503-378-8469 or steve.winegar@state.or.us.



Acetylene C_2H_2

Description:

- Synonyms: Ethyne, acetylene dissolved
- Colorless gas, with a garlic-like odor
- Shipped under pressure, dissolved in acetone
- CAS No.: 74-86-2
- EPA Section 302 EHS: Not listed
- EPA Section 112R : 10,000 pounds
- EPA Section 304 EHS: Not listed
- OSHA PSM: Not listed

NFPA 704 Information:

- Health: 0
- Flammability: 4
- Reactivity: 2-3
- Special: None

Construction of acetylene cylinders

- [Air Products Safety Bulletin](#)
- [Images of acetylene cylinders](#)

Reactivity and Fire Risk:

- Highly flammable
- Flash point: $-0^{\circ}F$
- LEL: 2.3; UEL: 100%
- Autoignition temperature: $581^{\circ}F$
- Vapor density (air = 1): 0.9
- Boiling point: -119 to $-103.4^{\circ}F$
- Reacts with water to form toxic ammonia fumes
- Forms explosive mixtures with oxidizing agents and air
- Incompatibles include acids, oxidizing agents, halogens, copper, silver, mercury and moisture

Health Hazards:

- IDLH: Not listed
- OSHA PEL: None
- Asphyxiant

Fire Fighting Measures:

- Extinguishing media: Dry chemical, carbon dioxide, water spray or fog
- If leak cannot be stopped allow fire to burn
- If flames extinguished explosive re-ignition may occur
- Cylinder temperature should not exceed $125^{\circ}F$

2012 Emergency Response Guidebook:

- Shipping name: Acetylene, or acetylene dissolved
- Hazard Class: Flammable gases (2.1)
- UN/NA: 1001; Guide # 116 Gases-Flammable (Unstable)
- Fire - Tank, railcar isolate 1 mile all directions

2014 Oregon Fire Code: Table 5003.1.1(1)

- Flammable gas
- Maximum Allowable Quantities (MAQ) per control area:
- Unprotected by sprinklers or approved storage cabinets: 150 pounds
- In sprinklered building, not within approved storage cabinets: 300 pounds
- In unsprinklered building, within approved storage cabinets: 300 pounds
- In sprinklered building, within approved storage cabinets: 600 pounds
- Notes d and e
- Group when MAQ exceeded: H-2

Incident Reporting and Information:

- Facilities reporting acetylene on the Hazardous Substance Information Survey: 1,216
- Hazardous materials incidents reported in Oregon since 1986: 3

Resources:

- Fire Engineering – Emergency Response to Acetylene Cylinders (paste title into your search engine)
- [Chemical Safety Board – Acetylene Incidents and Safety Information](#)
- [Mine Safety and Health Administration \(MHS\) – Special Hazards of Acetylene](#)

References include:

- [Cameo chemicals – Acetylene](#)
- [Airgas Inc. - MSDS Acetylene](#)
- [Air Products – MSDS Acetylene](#)
- [Praxair, Inc. – MSDS Acetylene](#)
- [NIOSH Pocket Guide to Chemicals-Acetylene](#)
- [EPA List of Lists, October 2012](#)

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

Assistant Chief Deputy Stacy Warner retires

Friday, November 21, 2014, marked the final day of reporting to work for OSFM Assistant Chief Deputy and Fire and Life Safety Services Manager Stacy Warner.

After retiring from an Air Force firefighting career, Warner joined the OSFM as a Deputy Fire Marshal in Roseburg in 1998.

In 2001, Warner was promoted to Fire and Life Safety Services manager.

In addition to many other accomplishments over the course of his career, he was involved in creating the infrastructure for the Competency Recognition Program that standardized the training requirements for fire service professionals in Oregon who enforce the Oregon Fire Code.

Congratulations Stacy. Everyone at the OSFM wishes you a very happy retirement!



Oregon State Police Major Joel Lujan (left) and State Fire Marshal Jim Walker present Assistant Chief Deputy Stacy Warner with his retirement plaque.

Save the date

2015 Oregon Fire Defense Board Meeting/Training
March 17, 2015
Riverhouse Convention Center
Bend, Oregon

Students can win money with CO poster contest

The Consumer Product Safety Commission is sponsoring a nationwide carbon monoxide safety poster contest to help warn people about the dangers of CO. Create a poster about the dangers of carbon monoxide. Possible topics include, Facts about CO, Steps to take to protect against CO poisoning, How to recognize CO exposure and symptoms, and How to install and test CO alarms.

Prizes include:

- Three 6th grade winners: \$500 each
- Three 7th grade winners: \$500 each
- Three 8th grade winners: \$500 each
- One public vote winner: \$500
- One grand prize winner: An extra \$1,000 (chosen from the finalists)

A colorful poster for the U.S. Consumer Product Safety Commission Carbon Monoxide Poster Contest. The poster features a skull and crossbones, a cartoon boy, a CO alarm, and a house with a CO alarm. The text on the poster includes: "U.S. Consumer Product Safety Commission Carbon Monoxide Poster Contest", "THE INVISIBLE KILLER!", "Alert! Middle school students wanted! Create a cool poster. Warn people about dangers of poisonous carbon monoxide (CO). Stop the invisible killer! Save lives! Win prize money!", "The U.S. Consumer Product Safety Commission (CPSC) is sponsoring a nationwide carbon monoxide safety poster contest to help warn people about the dangers of CO.", "Create a poster about the dangers of carbon monoxide. Possible topics include:", "1. Facts about CO. You cannot see it or smell it. It is an invisible killer.", "2. What steps you can take to protect against CO poisoning.", "3. How to recognize CO exposure and symptoms.", "4. How to install and test CO alarms and why they are important.", "Prizes!", "1. Three 6th grade winners: \$500 each", "2. Three 7th grade winners: \$500 each", "3. Three 8th grade winners: \$500 each", "4. One public vote winner: \$500", "5. One grand prize winner: An extra \$1,000 (chosen from the finalists)", "Posters will be posted on CPSC's website and social media sites! Vote for your favorite!", "Who Can Enter?", "The contest is open to U.S. residents in grades six, seven, or eight. Posters must be created by the middle school student, on the student's own, without help from family, friends or others.", "Children of CPSC employees are not eligible to enter.", "Important: To enter your poster into the contest, we need your parent or guardian to fill out an application form and submit the Contest Submission and Parental Consent Form along with your poster. You can find this form at www.cpsc.gov/COcontest.", "Note for Middle School Teachers: The poster contest is a fun and educational science or art project for your students. If teachers wish to submit posters from students, teachers must have parents sign the Contest Submission and Parental Consent Form for their child and submit those forms with the posters."/>

U.S. Consumer Product Safety Commission
Carbon Monoxide Poster Contest

THE INVISIBLE KILLER!

Alert! Middle school students wanted!
Create a cool poster. Warn people about dangers of poisonous carbon monoxide (CO).
Stop the invisible killer! Save lives! Win prize money!

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2. What steps you can take to protect against CO poisoning;
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4. How to install and test CO alarms and why they are important.

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Posters will be posted on CPSC's website and social media sites! Vote for your favorite!

Who Can Enter?

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Children of CPSC employees are not eligible to enter.

Important: To enter your poster into the contest, we need your parent or guardian to fill out an application form and submit the *Contest Submission and Parental Consent Form* along with your poster. You can find this form at www.cpsc.gov/COcontest.

Note for Middle School Teachers: The poster contest is a fun and educational science or art project for your students. If teachers wish to submit posters from students, teachers must have parents sign the *Contest Submission and Parental Consent Form* for their child and submit those forms with the posters.

CARBON MONOXIDE KILLS!!!

Posters will be posted on CPSC's website and social media sites! Vote for your favorite!

The submission deadline is February 27, 2015.

For more information, visit the contest poster page on the CPSC website.