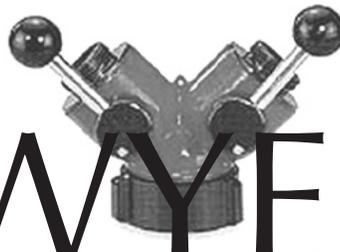


GATED WYE



November 2009 · Oregon Office of State Fire Marshal · 4760 Portland Road NE · Salem Oregon 97305-1760 · No. 310

State teams hold first combined all-hazard training

On September 30, 2009, approximately 100 members of three of Oregon's emergency response teams used their skills in incident management, urban search and rescue (US&R), and hazardous materials response during the state's first-ever combined exercise for the three teams.

The training took place at the Evanite Mill in Corvallis, simulating an explosion in one of the mill buildings resulting in collapsed structures and the risk of a hazardous materials release.

"This is a unique opportunity for our state emergency response teams," said Oregon State Fire Marshal Emergency Response Manager Mariana Ruiz-Temple.



Hazmat team members prepare to enter a hot zone

"Training together provides valuable experience and serves to increase our response capability during emergency incidents

anywhere in Oregon."

The training is significant because it is the first time each of the different teams have integrated and worked together in response to a single emergency event.



US&R members discuss plans before beginning operations

The response teams participating in the exercise included representatives from fire departments and districts throughout Oregon, including Albany, Canby, Clackamas, Corvallis, Eugene, Hermiston, Lebanon, Portland, Salem, Springfield, Tualatin, and the Office of State Fire Marshal.

Also participating in the exercise were members of the Eugene Bomb Squad, and five federal canine search teams from Washington and Idaho. The Oregon Department of Transportation provided logistical

support for the Oregon US&R semi-trailers (caches) of rescue equipment.

"I appreciate the hard work and dedication by everyone participating in the drill," said Ruiz-Temple. "Although each team has a discipline independent of the other, when called on in time of need, we become one team."

Funds for the training were provided by a grant from the U.S. Department of Homeland Security to Oregon's south US&R team who organized the exercise. The Office of State Fire Marshal plans to provide the training annually.



IMT members develop the second shift incident action plan

For more information on the Oregon State Fire Marshal's Emergency Response Program, visit: http://www.oregon.gov/OSP/SFM/ERU_2.shtml.

From the desk of the State Fire Marshal



“Its time to take the next step and focus on fire sprinklers at a national level with one direction.”

One message, one direction

Just last week at the conference for Oregon and Washington fire marshals, I had the privilege of listening to Las Vegas Fire & Rescue Fire Protection Engineer (FPE) Ozzy Mirkhah.

FPE Mirkhah spoke passionately about our failure as a country to take the necessary steps in fire prevention we've been extolling since the first edition of *America Burning*. Since the first publishing in 1973, and through revised editions in 1987 and 2000, we've known that the combination of early warning (smoke alarms) and automatic activated extinguishers (sprinklers) can dramatically reduce fire-related deaths, injuries, and property damage. Even with this knowledge, we have failed to push hard on this life-saving solution.

Nationally, we have been successful in getting smoke alarms in all types of residences. But we still have children and the elderly not waking to these alarms; and we still have adults removing or disconnecting nuisance alarms. These situations too often result in tragedy when fire strikes. It's time to take the next step and focus on fire sprinklers at a national level with one direction.

Study after study has proven home fire sprinklers can dramatically reduce the damage and injuries from residential fires. There are real-world examples of cities implementing residential sprinkler requirements and experiencing a rapid verifiable reduction in the severity of home fires and a corresponding reduction in loss of life and property.

Even with all of this evidence, we can't seem to speak with one voice at the national level. I believe FPE Mirkhah is on the right track in urging all major fire associations to join in a coalition to promote fire sprinklers in all residences.

Egos must be put aside to allow the coalition to work effectively to silence the 'naysayers.' We must work together to convince the country that the long-term costs of not having residential fire sprinklers far outweigh the relatively smaller short-term cost of initial installation and maintenance.



**State Fire Marshal
Randy Simpson**

**Office of
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www.oregon.gov/OSP/OSFM

503-373-1540

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Community
Right-to-Know
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Data Services
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Emergency Planning &
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ext. 227

Emergency Response
ext. 238

Fire & Life Safety
ext. 204

Firesetter Intervention
ext. 230

License & Permits
ext. 264

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.

Simpson photo courtesy of ODOT Photo and Video Services.

Change clocks and test smoke alarms November 1

Clocks get turned back November 1, and the Office of State Fire Marshal (OSFM) reminds departments and districts when promoting smoke alarm checks with the time change, things are different in Oregon.

Since 1999, Oregon law requires all ionization-only alarms sold in the state to have a hush feature; if an ionization-only alarm is also solely battery-powered, it must be sold with a long-life lithium battery designed to last up to 10 years. Owners of these types of alarms shouldn't automatically replace the battery without testing them first.

There are many different types of smoke alarms and they may be identified in different ways. The OSFM has a question and answer sheet available to help citizens get information about alarm types, batteries, correct alarm placement, maintenance, recommended alarm replacement schedules, and other smoke alarm information.

The Q & A sheet may be downloaded at: http://www.oregon.gov/OSP/SFM/docs/Comm_Ed/Smoke_Alarm_Info/Smoke_Alarm_Q-A_Sheet.pdf.

For more information on Oregon's smoke alarm law, visit: <http://www.leg.state.or.us/ors/479.html>.

OSFM annual report available

The Office of State Fire Marshal (OSFM) 2008 Annual Report is now available. CDs containing both the annual report and the supplemental report were mailed to Oregon fire chiefs and fire marshals in October.

The annual report is also available on the OSFM website at: http://www.oregon.gov/OSP/SFM/docs/Comm_Ed/Annual_Report/2008_Annual_Report/2008_OSFM_Annual_Report.pdf.

There are a limited number of CDs still available. If you did not receive a CD or would like a second copy, contact Rich Hoover at 503-934-8217 or email richard.hoover@state.or.us.

Douglas County Co-op hosts successful prevention carnival

The Douglas County Fire Prevention Cooperative in partnership with many other local and state agencies hosted an extremely successful three-day fire prevention and safety carnival at the Home Depot in Roseburg during Fire Prevention Week in October.

School children, families, and the public were treated to free food and drinks as they toured fire engines, spoke with firefighters, watched live fire demonstrations, visited information booths and more, all wrapped around the theme of fire safety.

Door prizes were awarded as well, including bikes and Razor scooters for kids and cabin vacation packages for adults.



Firefighters give out helmets to a first grade class

According to Deputy State Fire Marshal (and primary event coordinator) Chris Lyman, this is the first time Douglas County has held a prevention event this large. "Not only did we have fire trucks



Kids try their hand at firefighting

and ambulances, we had the Oregon Burn Center to teach kids and adults the hazards associated with burns and scalds," said Lyman.

Lyman added, "I thank everyone involved who made this year's event successful. Next year's event is promising to be even larger."



Sparky gets a hug

Oregon lists vaccination priorities for public safety personnel

The state of Oregon has expanded the Centers for Disease Control H1N1 vaccination priority list to include a narrow category of critical public safety personnel.

The Oregon Department of Human Services recommends front-line public safety personnel be vaccinated in the first stages of the state's H1N1 vaccination efforts.

According to the Oregon Public Health Division, front-line public safety personnel include:

- State and local law enforcement officers and firefighters who have, or are likely to have, recurring physical contact with the public as a routine part of their usual work.
- Correctional personnel in state prisons, local jails and juvenile correctional facilities who have physical contact with adult or

juvenile offenders.

- Public safety emergency telecommunicators including 911 and line dispatchers.
- Active service members in the Oregon National Guard.

According to the Public Health Division, front-line public safety personnel does not include administrative, management and executive staff, or other staff who do not regularly come into physical contact with the public, at risk populations, or adult and/or juvenile offenders.

The list also doesn't include court staff, judges, prosecutors or public defenders, public utility employees, or those responsible for maintenance of public infrastructures.

For more information on the H1N1 and seasonal flu virus, visit: <http://flu.oregon.gov>.

Fire & Life Safety Awareness I available online

The Office of State Fire Marshal has established interactive online training to meet core curriculum requirements for Fire & Life Safety Awareness I of the Fire and Life Safety Competency Recognition Program.

All fire chiefs and every assistant to the State Fire Marshal (SFM) must complete the Oregon Office of State Fire Marshal's course, Fire & Life Safety Awareness I: Module 1 A - Scope of Authority, and Module 1 B - Group A Assemblies. These requirements are listed in Oregon Administrative Rule 837-039-0110(4). The definition for 'assistant to the state fire marshal' is listed in Oregon Revised Statute 476.060.

Fire & Life Safety Awareness I provides training on Oregon statutes, rules, and attorney general opinions related to the powers and duties of the SFM and assistants to the SFM. Training includes inspection procedures, due process, fire investigation, and the dispute resolution process.

To enroll, log on to iLearnOregon at: <https://ilearn.oregon.gov>.

For more information, contact Anita Horsley at anita.horsley@state.or.us or 503-934-8249.

November 2009, GATED WYE, page 4

Fire Plans Examiner preparation course

The Office of State Fire Marshal is sponsoring an International Code Council (ICC) Fire Plans Examiner preparation course March 9-12, 2010 at the Department of Public Safety Standards and Training. The course provides a base level of fire plan review methodology, skills, and experience.

The course covers applicable aspects of the 2006 International Fire Code, 2006 International Building Code, 2007 Edition of NFPA 72, and the 2007 Edition of NFPA 13 relating to plan review.

Instructors Mike Thrapp and Eric McMullen have a combined 52 years of fire service experience. Both hold ICC Fire Plans Examiner and ICC Fire Inspector II certificates. Thrapp's certification also includes ICC Building Plans Examiner.

Class is limited to 30 students. Housing at DPSST is free for fire service personnel. Lunch is provided for all students. Applications and room availability is first come first served. To enroll, log on to iLearnOregon at: <https://ilearn.oregon.gov>.

For more information, contact Anita Horsley at anita.horsley@state.or.us or 503-934-8249.

Command and general staff training for IMTs

The Oregon Department of Public Safety Standards and Training is hosting Command and General Staff, S-420 training February 8-12, 2010 at their training facility in Salem, Oregon.

The 36-hour course prepares incident management team members to function as a type 2 incident commander, command, or general staff. The course includes exercises simulating the mobilization, management, and demobilization of all-hazard incidents.

Class size is limited to 40 students. Pre-course work is required and is available at: <http://training.nwccg.gov/pre-courses/s420/s420.html>.

Apply by November 15, 2009. Applications are available at: http://www.oregon.gov/OSP/SFM/docs/Emergency_Mobilization/S420Class.pdf. For more information, contact Alan McMahan at 503-934-8297 or alan.mcmahan@state.or.us.

Oregon Fire Choir looking for new members

Do you like to sing? How about with a group? The Oregon Fire Choir is welcoming new members!

Current or retired firefighters of any rank, civilian fire department employees, and family members are eligible to participate. Support of your department/employer is needed for attendance at events and infrequent practice sessions.

The Oregon Fire Choir performs at memorial services, Fire Service Appreciation Day, ball games, and various other events such as the Oregon Burn Center Christmas party.



Members of the Oregon Fire Choir perform during Fire Service Appreciation Day 2009 at the Oregon capitol

If you are interested, contact Lt. Stew White at Portland Fire & Rescue, 503-823-2784 or email swhite@fire.ci.portland.or.us.

Juvenile Firesetter Intervention Specialist training

The Oregon Office of State Fire Marshal (OSFM) in partnership with the Oregon Fire Marshals Association and the Pacific Northwest Wildfire Coordinating Group is sponsoring two days of training for certification as Juvenile Firesetter Intervention Specialist I, February 23 & 24 at the Salishan Lodge in Gleneden Beach, Oregon.

Training is provided as part of the OFMA/PNWCG Winter School & Fire Prevention Workshop.

The 16-hour course includes an overview of Oregon's juvenile firesetter intervention program. Topics include: policies, procedures and laws, child development and communication, practice using the *Juvenile with Fire* screening tool, intervention options including educational strategies and referral procedures, as well as networking steps and data collection.

The class provides students the training to complete the task book required by the Department of Public Safety Standards and Training for National Fire Protection Association 1035 certification as Juvenile Firesetter Intervention Specialist I in Oregon.

Instructors include OSFM Juvenile Firesetter Intervention Program Manager Judy Okulitch and Training Development Specialist Helen Feroli.

For more information, email bolaconsultants@earthlink.net.

Organizational psychology for emergency services

Western Oregon University's, Fire Service Administration Institute is offering Organizational Psychology for emergency services December 14-18, 2009 at the Department of Public Safety Standards and Training in Salem, Oregon.

Topics include organizational design and culture, human resource management, communication, motivation, morale, job satisfaction and more.

Register by December 1, 2009 by calling 503-838-8690 or toll free 1-800-451-5767 and press '2' at menu.

NFA offers new class

The United States Fire Administration's National Fire Academy is conducting an additional class offering at the National Emergency Training Center (NETC) in Emmitsburg, Maryland. The newly developed 6-day course is titled, *Demonstrating Your Fire Prevention Program's Worth* (R378). The class is scheduled January 24-29, 2010, with students arriving Saturday, January 23, and departing Saturday, January 30, 2010.

The training provides students with the tools and skills to evaluate their organization's fire education/prevention programs and fire inspection services. The course provides a systematic way to improve and account for evaluation actions by involving procedures that are useful, feasible, ethical, and accurate.

Course themes include:

- Misconceptions regarding the purposes and methods of program evaluation
- The essential elements of prevention program evaluation
- The steps for conducting effective prevention program evaluation
- Review standards for effective program evaluation

This new course presents tools and skills in a logical sequence for conducting effective prevention program evaluations. Examples of four types of evaluation are presented throughout the course:

- Formative evaluation
- Process evaluation
- Impact evaluation
- Outcome evaluation

Target audiences typically include fire marshals, fire and building inspectors, public fire/life safety educators, juvenile firesetter intervention specialists, code inspectors and officials, and other community or allied professionals in the fire prevention field.

Application deadline is November 16, 2009. To apply or for more information, visit the U.S. Fire Administration website at: <http://www.usfa.dhs.gov/nfa/about/attend/apply.shtm>.

Fire grant update

by Hines Firefighter/Grant Writer
Jonathan Manski



The application period for the 2009 Fire Prevention and Safety (FP&S) program closed last month. This year Oregon submissions totaled 39 projects, down from 45 applications in 2008 and 49 in 2007. With this program, wisdom says 'never say never,' and some folks find it worthy of the required time spent, creating applications. I don't know the answer to cracking into this \$35 million grant program but my department is one of them that keeps trying.

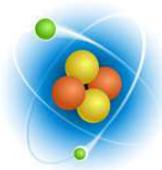
The 2009 Assistance to Firefighters Grant (AFG) program should have delivered the first of many 1199a notifications to some hopeful departments by now. The word is, official awards will start this month so very soon the grins of success will begin to form. If you remember last year, it took about 10 rounds of awards before the first computer-generated denial letters went out.

Denial letters for the rest of the unfunded 2009 Station Construction Grants projects should also be out this month. At least the official word will be out, giving those departments doing repairs or remodeling the ability to decide 'go' or 'no-go' on projects that need to be accomplished before weather causes another seasonal delay.

The reauthorization of the AFG program for the next five-year period, 2011 and beyond, is working the final path through Congress and some increased funding and key changes beneficial to the program look to be adopted. This is certainly good news for those of us growing attached to the programs funding stream.

For the latest information on FEMA grant programs visit: www.firegrantsupport.com.





Propylene C_3H_6

Description:

- Synonym: Propene
- Colorless gas which may be odorless or have a mild olefinic odor
- Liquid is colorless and has a faint odor
- Boils at $-53.9^\circ F$
- Simple asphyxiant; flammable gas
- CAS No.: 115-07-1
- DOT: Flammable Gas, Hazard Class 2.1
- UN/NA: 1077

NFPA Information:

- Health: 1
- Flammability: 4
- Reactivity: 1
- Special: None

Uses and Occurrences:

- Produced as a by-product during petroleum refining and natural gas processing
- Uses: Raw material for polypropylene manufacturing and in the production of isopropanol and acrylonitrile

Reactivity and Fire Risk:

- Extremely flammable
- Flash point: $-162^\circ F$
- Flammable range: LEL: 2.0%; UEL 11.0%
- May burn with an almost invisible flame in bright light
- Direct flame exposure on the cylinder wall can cause a BLEVE
- Heavier than air and may travel long distances, find a source of ignition and flash back
- Normally stable but at high temperature may undergo hazardous polymerization
- Incompatibles include: strong oxidizers (chlorine, oxygen), mineral acids, and halogenated compounds

Health Hazards:

- OSHA PEL: No specific exposure limits
- Simple asphyxiant
- High concentrations of propylene can cause an oxygen deficient atmosphere
- Contact with liquid or rapidly expanding gas could cause frostbite

Personal Protective Equipment:

- Emergency responders should use self-

contained breathing apparatus and full protective equipment

- Use local exhaust ventilation or other engineering controls to maintain oxygen levels above 19.5%
- Wear protective clothing, splash goggles, face shield, and gloves
- Use an approved respirator if appropriate

Inspection and Storage Tips:

- Protect cylinders from physical damage
- Store below $125^\circ F$
- Keep cylinders in a cool, dry, well ventilated area
- Store away from incompatibles
- Electrical equipment should be non-sparking and explosion proof

2007 Oregon Fire Code:

- Flammable gas
- Maximum Allowable Quantities (MAQ) per S occupancy control area:
 - Unprotected by sprinklers or approved storage cabinets: 1000 cu ft at NTP, 30 gallons liquid
 - In sprinklered building, not within approved storage cabinets: 2000 cu ft, 60 gallons liquid
 - In unsprinklered building, within approved storage cabinets: 2000 cu ft, 60 gallons liquid
 - In sprinklered building, within approved storage cabinets: 4000 cu ft, 120 gallons liquid
 - Group when the maximum allowable quantity is exceeded H-2

Incident Reporting and Information:

- There are 40 facilities in Oregon currently reporting propylene on the Hazardous Substance Information Survey
- There have been no hazardous materials incidents reported in Oregon since 1986 involving propylene

For questions or suggestions contact HazMat Information Specialist Alec Carte at 503-934-8262, or email aleta.carte@state.or.us

Oregon departments and districts can sign up for LOIS

The Oregon State Police (OSP) encourages Oregon fire departments and districts who routinely work with the Forensic Services Division to sign up with the OSP Laboratory Online Information System (LOIS).

The LOIS allows customers of the forensic division to check the status of lab requests, whether the lab has the evidence, and to retrieve signed copies of final lab reports.

Agencies need to sign up before the end of 2009. Beginning January 1, 2010 the OSP Forensic Services Division will no longer mail lab reports.

Oregon fire departments and districts that have never been customers or are infrequent customers of the Forensic Services Division, do not need to sign up now. The Forensic Division will register your agency at the time of use.

For more information or to receive copies of the registration form, contact Jim Bixby at 971-673-8232 or email LOIS.Info@state.or.us.

2009 Incident reports due

The transition from the Oregon All Incident Reporting System (OAIRS) to the Oregon Fire Bridge™ is scheduled for January 1, 2010. This system conversion adds extra emphasis to the Office of State Fire Marshal (OSFM) request that all Oregon fire departments and districts submit their 2009 incident reports to the OSFM by January 31, 2010.

A number of fire departments and district have not reported a single incident in calendar year 2009. If you have questions, or would like to verify the OSFM is receiving your incident reports, you can request a summary of your 2009 reporting status by emailing: osfm.data@state.or.us. We appreciate your dedication to reporting.

OFIA looking for input on fire service training

The Oregon Fire Instructors Association (OFIA) is holding a series of regional meetings throughout the state to gather input on the future of fire service training in Oregon.

A steering committee of forty representatives from fire associations, colleges, fire departments, and districts held meetings in Medford, Sisters, Klamath Falls, Coos Bay, Roseburg, and Eugene in October to receive input on the needs of Oregon fire service training.

November meetings are scheduled for Seaside, November 11; Salem, November 12; Portland, November 12; and LaGrande, November 30.

All fire department training officers and instructors are encouraged to attend these regional meetings. For a complete list of times and locations, visit: <http://www.ofia.net/>.

A survey on fire service training is also available at: http://www.surveymonkey.com/s.aspx?sm=_2fIX_2fjVc3uQ_2bHdl_2fGmsqpOw_3d_3d.

The steering committee will meet in December to evaluate input and develop a strategic plan.

For questions, contact Dan Petersen at dan.petersen@cityofmedford.or.

More recognition for fireworks enforcement and education

In addition to the list of agencies in the October issue of the Gated Wye, the Office of State Fire Marshal also recognizes and thanks **Lake Oswego Fire Department** and **Grants Pass Fire and Rescue** for their efforts in fireworks enforcement and education during the 2009 fireworks season.

Through education and enforcement, we uphold our mission to protect Oregon citizens, their property, and the environment from fires. If we have missed recognizing your department or agency please call 503-934-8285.

If your department, district, or agency is storing confiscated illegal fireworks and would like them picked up for disposal, please call Sharon Kraw at 503-934-8285.