



GATED WYE

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OSFM units develop goals for 07-09 biennium

Members of the Oregon fire service are encouraged to give input to the Office of State Fire Marshal (OSFM) regarding the draft goals of OSFM's five major program areas (titles underlined). The goals contribute to OSFM's mission to protect Oregonians, their property and the environment from fire and hazardous materials.

To provide input contact the person listed under each program area.

Fire Prevention

Contact Randy Simpson at 503-373-1540, ext. 216

Community Education Services

- Reduce residential fire deaths by 3% annually.
- Educate 75% of Oregon middle school students on fire behavior and personal responsibility using OSFM developed curriculum.
- Educate 75% of students in grades one through five on fire survival and fire prevention skills.
- Develop a model community-based program to reduce fire deaths among the elderly.

Fire and Life Safety Services

- In partnership with local jurisdictions, inspect all schools, health care, child care, senior residential, correctional and manufacturing facilities a minimum of every 24 months.
- Bring all exempt fire jurisdictions and 75% of all other fire jurisdictions in compliance with competency standards for their elected scope of fire code regulation authority.
- Assist local fire authorities with increased plan review input demands by shifting three hours per week of state deputies' time from association meetings and administrative tasks to plan review.

Fire Code Administration

- Reduce state amendments to the model fire code by 10% per three-year code cycle.

Community-Right-To-Know and Protection Act

Contact Sue Otjen at 503-373-1540, ext. 227

Community Right To Know Services

- Increase electronic survey submission by 10% per month (from a baseline of 200) reducing time to process hard copy hazardous substance information surveys. This increases time available to

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Budget includes funds for hazmat teams, all incident reporting and fire-safer cigarettes

The Office of State Fire Marshal's (OSFM) 07-09 budget includes special funding requests called policy option packages (POPs). POPs are requests of additional funding for one-time projects or programs having a defined life span. POPs in the Governor's recommended budget include funds to:

- Add personnel to hazardous materials response teams
- Develop software for a web-based all incident reporting system
- Test fire-safer cigarettes

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From the desk of the State Fire Marshal



“It is encouraging to see such a wide range of groups and individuals working together on this life saving issue.”

Good reason for optimism with fire-safer cigarette legislation

Thanks to the hard work and effort of numerous fire chiefs, fire marshals and others in the Oregon fire service, we have good reason to be optimistic about the success of this year’s fire-safer cigarette legislation.

Though we still have much work to do, we will begin the legislative session with support (as of December 15, 2006) from Senators Brad Avakian, Floyd Prozanski, Kurt Schrader and Vicki Walker and Representatives Suzanne Bonamici, Debbie Boone, Ben Cannon, Brian Clem, Dave Hunt, Tina Kotek, Donna Nelson, Tobias Read, Arnie Roblan, and Carolyn Tomei. This is bolstered by the strong support of Oregon fire departments and districts, fire service organizations, state agencies, insurance companies and agents, unions and other organizations.

It is encouraging to see such a wide range of groups and individuals working together on this life saving issue.

Members of the fire-safer cigarette coalition are meeting with Philip Morris and other industry representatives to draft language for the bill acceptable to both the Oregon fire service and the tobacco industry. Talks have been constructive and the coalition feels positive a mutually agreeable bill can be presented to the legislature.

In addition to the strong efforts of the fire service at the local level, thanks go to Oregon Fire Chiefs Association Lobbyist Ken Armstrong, Western Advocates Lobbyist Genoa Ingram and American Federation of State, County and Municipal Employees council #75 Lobbyist Ralph Groener who have been instrumental in this effort.

Six states have passed fire-safer cigarette legislation. Let’s make Oregon the seventh.



State Fire Marshal
Nancy Orr

Office of
State Fire Marshal

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

www.sfm.state.or.us
503-373-1540

Administration
ext. 211

Codes & Technical
Services
ext. 276

Community Education
ext. 273

Community
Right-to-Know
ext. 261

Data Services
ext. 244

Fire & Life Safety
ext. 204

Firesetter Intervention
ext. 230

Hazardous Materials
ext. 227

HazMat Teams
ext. 238

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 503-373-1540 ext. 217 or email richard.hoover@state.or.us. In compliance with the Americans with Disabilities Act, alternative formats of this publication are available, contact 503-373-1540 ext. 228 or email colleen.olson@state.or.us.

Goals

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conduct compliance activities and improve accuracy of collected information.

- Provide 24 of 36 Oregon counties with the tools to validate their response plans and ensure all disciplines are fully integrated.

Regional Hazardous Materials Response Teams

- Identify and provide resources to increase by 20% the number of hazardous materials technician-level trained personnel (baseline is 260).
- Continue the team equipment replacement program to ensure interoperability and provide high-technology standardized equipment to all 15 regions.

Coordinating Response and Providing Resources for Major Disasters

Contact Randy Simpson at 503-373-1540, ext. 216

- Ensure emergency response readiness through exercises and training for the all-hazard state incident management teams, the Urban Search and Rescue task force and by reviewing the *State Fire Service Mobilization Plan* with each fire chief.
- Partner with Department of Public Safety Standards and Training to audit 90% of fire emergency responders' training records for minimum required standards for state mobilizations.
- Establish and meet competency standards for state and regional all-risk incident management teams.

Information Technology and Data Services

Contact Scott Showers at 503-373-1540, ext. 423

Information Technology

- Implement web-based incident reporting and business functions.
- Increase staff productivity and reduce helpdesk requests through in-house staff training on software programs.
- Replace 50% of computer systems to provide faster, more reliable production tools.
- Replace 50% of servers to provide a faster connection for data manipulation and larger storage capacity for increased electronic files.

Data Services

- In partnership with the fire service, implement a real-time standardized reporting program, designed to collect consistent and accurate all incident data, used by 98% of reporting fire departments.

Regulatory Services

Contact Anita Phillips at 503-373-1540 ext. 264

Non-Retail Fuel Dispensing (cardlock)

- Develop and deliver training to all cardlock facility operators to help them comply with new fire code requirements to prevent static electricity-caused fires.

Explosives

- Further reduce program costs by restructuring to eliminate duplication with Bureau of Alcohol, Tobacco, Firearms & Explosives regulation; fully automate certification and registration applications.

Fireworks

- Increase the number of fire departments providing some level of fireworks enforcement from 53% to 63%.

Liquefied Petroleum Gas

- Increase the number of tanks installed correctly at the first inspection from 56% to 66%.

Oregon's 2006 incident reports due January 31, 2007

Fire and casualty reports, non-fire activity reports, juvenile firesetter and hazardous material incident reports for 2006 must be submitted to the Oregon Office of State Fire Marshal by January 31, 2007.

The Data Services Unit collects information through the Oregon All Incident Reporting System (OAIRS) and the Juvenile with Fire Reporting System then transfers data to the National Fire Incident Reporting System (NFIRS). NFIRS uses Oregon data for the U.S. Fire Administration's annual publication *Fire in the United States*, a comprehensive reference on the nature and scope of the fire problem in the United States.

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- Additional investment in the statewide hazardous materials emergency response system is necessary to support additional training, exercise and equipment maintenance activities required to maintain readiness. Additional weapons of mass destruction training and exercise requirements for these teams has created a staffing burden for local departments to ensure teams have adequate and properly trained staff sufficient to meet the state's emergency response needs.
- Developing a web-based all-incident reporting system will improve data accuracy and streamline Oregon's incident reporting system for fire departments and state and federal agencies. This system will fulfill requests by members of the Oregon fire service to provide a single web-based incident reporting and data retrieval system to improve incident data integrity, timeliness and analysis flexibility needed to plan and provide the highest level of fire safety in their communities.
- Passage of Oregon's safer-cigarette legislation would make necessary funding of the safer-cigarette testing program. This ensures OSFM's ability to test random samples of cigarette brands sold in Oregon and of cigarette brands OSFM believes do not meet the self-extinguishing criteria.

Fire sprinkler training in January/February

The National Fire Sprinkler Association in partnership with the Office of State Fire Marshal is hosting two half-day seminars covering seismic protection for sprinkler systems and standpipe systems for fire protection, and a two-day seminar on NFPA 13 Overview and Introduction to Plan Review.

The two-day seminar is scheduled for January 30-31, 2007 and the two half-day seminars are February 1, 2007. All seminars will be held at the Oregon Office of State Fire Marshal in Salem, Oregon. Class sizes are limited to the first 50 registrants.

For more information or to register, visit www.nfsa.org.

Coos Bay firefighter memorial dedicated

Thanks to Millington Fire District Prevention and EMS Coordinator Kathy Hornstuen for submitting this article and photo.

Members of the fire service and departments throughout Oregon joined citizens and city officials in Coos Bay for the dedication of the Coos Bay Firefighter Memorial on November 25, 2006. Tualatin Valley Fire Pipes and Drums led a procession of several hundred firefighters and officers to the unveiling of the memorial.

The memorial consists of a bronze statue representing Coos Bay firefighters Randy Carpenter, Jeff Common and Chuck Hanners who died fighting the Far West auto parts store fire in 2001. The sculpture sits atop a maltese cross platform and is encircled by eleven Sunset Maple trees representing the 11 children left behind by the three firefighters.



Coos Bay Firefighter Memorial

More than 1,000 attendees, including State Fire Marshal Nancy Orr and local Deputy State Fire Marshal Keith Brown, listened to family members and memorial officials dedicate the site to all firefighters as a way to honor past and present sacrifices made every day by first responders in the line of duty.

Insurance Wildfire Summit promotes education, collaboration



by Brad Weekly
Regional Director, NW Insurance Council

The recent Insurance Wildfire Summit sponsored by the Office of State Fire Marshal (OSFM) and Oregon Department of Forestry (ODF) and held around the state in November, stands as a shining example of accomplishment by a group with disparate interests joining for a common goal.

Starting in Cottage Grove, the tour moved to Klamath Falls, Pendleton and Bend. Along the way we learned while there may be cultural and procedural differences among agencies and industries, we all benefit when reducing the risk of loss from catastrophic wildfire. Each of us – property owners, insurers, fire responders and forest managers – has a dog in this fight.

The NW Insurance Council was proud to represent member companies and share examples of how insurers are helping policyholders increase chances of surviving a catastrophic wildfire.

It was an honor to share the podium with dedicated professionals from the OSFM, ODF, Project Wildfire and Allstate Insurance.

Insurance companies proactively educate their policyholders on practical, low-tech ways to reduce risks of life and property loss posed by

wildfire. Insurance companies are promoting survivable space, fuel removal, fire resistive structures and landscaping guidelines to their policyholders.

We were pleased to explain insurance underwriting to an audience outside our industry. We countered the commonly held belief insurance companies siphon profits from one area of the country to another in order to remain competitive in another region. We explained insurance underwriting is done on a state-by-state basis and how loss history of Oregon policyholders ultimately determines what Oregon policyholders pay for insurance. Attendees walked away with a greater appreciation for the value of insurance.

All signs point to continued, rapid growth inside the wildland urban interface. The importance of building safer structures and communities has never been more important.

Member companies of the NW Insurance Council are committed to educating policyholders about risk reduction. We look forward to continued idea sharing and believe it will result in a safer Oregon for property owners, insurers, fire responders and forest service members.

Invitation for annual Sparky awards nominations

The Office of State Fire Marshal (OSFM) is accepting nominations for the 2006 Golden and Silver Sparky awards. Nomination forms are available online at http://www.oregon.gov/OOHS/SFM/docs/Administration/Sparky_2006_Nom.doc or by calling Laura Drager at 503-373-1540, ext. 211 or email laura.drager@state.or.us. The nomination deadline is March 30, 2007. Submit completed forms with an explanation and examples of your nominee's achievements and contributions to preventing fires and fire losses in Oregon. Send forms to Chief Deputy Randy Simpson by mail to OSFM or email randy.simpson@state.or.us. Awards will be

presented May 18, 2007 at the Oregon Fire Service Meritorious Awards banquet.

The Golden Sparky award recognizes a member of the fire service for outstanding achievement in fire prevention or public fire safety education. Last year's Golden Sparky went to Bend Fire Marshal Gary Marshall.

The Silver Sparky award recognizes a civilian for outstanding achievement in fire prevention or public fire safety education. Last year's Silver Sparky went to Tim Titus of West Oregon Electric Co-op for his volunteer work over several decades in teaching electrical line safety to firefighters, school children and adult groups.

Incident reports

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Fire reporting plays a major role in reducing injuries, fatalities and economic losses from fire and related emergencies. Fire codes, public education and legislative actions are all driven by fire loss statistics. Complete and accurate data is essential to effective solutions to our fire problem.

In addition, reporting ensures Oregon fire departments continue to qualify for Fire Administration Assistance to Firefighter grants.

With timely reporting by all Oregon fire departments we can surpass last year's state reporting percentage of 85%.

Please send your data files, questions or requests for assistance to OSFM.Data@state.or.us or call Data Services at 503-373-1540, ext. 237, 236, or 244. Reporting information and forms are available for download at http://egov.oregon.gov/OOHS/SFM/Data_Services.shtml.

IAFC urges firefighter caution with composite floors

The International Association of Fire Chiefs' (IAFC) Safety, Health and Survival Section is warning firefighters of potential hazards when fighting fires in structures built with composite flooring.

Many newer residential occupancies incorporate lightweight, engineered wood or composite structural components as part of the flooring system. While in most cases, these systems are structurally sound, the IAFC warns they are likely to fail very quickly under fire conditions.

The Oregon Building Codes Division confirms composite building systems are regularly used in construction throughout the state.

The IAFC also notes there have been several cases of firefighters falling through floors made of composite structural components and an even greater number of near-miss situations.

To read the full text of the IAFCs' warning and for other links on composite flooring, visit <http://www.iafc.org/displayindustryarticle.cfm?articlenbr=32101>.

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Fire extinguishers recalled

The Consumer Products Safety Commission, in cooperation with Ansul Incorporated has announced a recall of K-GUARD®, SENTRY® and FLAG FIRE® model fire extinguishers.

If the fire extinguisher is dropped horizontally from a height of approximately 2 to 3 feet, the pick-up tube could crack possibly causing the extinguisher to fail to discharge properly when activated.

The recall involves K-GUARD® Wet Chemical, FLAG FIRE® KITCHEN ONE® Wet Chemical, FLAG FIRE® Water and SENTRY® Water fire extinguishers manufactured and shipped between May 2003 and September 9, 2005.

Model numbers can be found on the fire extinguisher labels. Affected models meet the following criteria:

- The year 2004 or 2005 is stamped on the hanger hook attachment on the shell
- For 2003 models, information on specific serial numbers included in the recall may be found at www.ansul.com for the K-GUARD® Wet Chemical and SENTRY® Water extinguishers or at www.pyrochem.com for the FLAG FIRE® and KITCHEN ONE® Wet Chemical extinguishers.

Pick-up tube replacements may be performed during routine annual maintenance as the assembly is inside the extinguisher and cannot be visually inspected without depressurizing and disassembling the extinguisher. This should only be done by an authorized ANSUL® distributor. Owners concerned about an extinguisher prior to the scheduled maintenance, due to signs of physical damage should contact their authorized ANSUL® distributor to request a free replacement.

For more information, call your ANSUL® or PYRO-CHEM® distributor or contact ANSUL or PYRO-CHEM at 800-906-3575 between 7:30 a.m. and 4:30 p.m. CST Monday through Friday. Information is also available on the websites mentioned earlier in this article.



Nitric Oxide (NO)

Description:

- Colorless gas with an irritating odor
- Hazard Class: (2.3) Poison Gas; (5.1) Oxidizer; (8.0) Corrosive
- CAS No.: 10102-43-9
- UN/NA: 1660

NFPA Information:

- Health – 3
- Flammability – 0
- Reactivity – 0
- Special Notice - OX

Uses and Occurrences:

- Intermediate in the production of nitric acid from ammonia
- Preparation of nitrosyl carbonyls
- Bleaching rayon
- Used in the semiconductor industry

Reactivity and Fire Risk:

- Oxidizer that can support or enhance combustion
- Slowly reacts with water to form a corrosive solution of nitrogen dioxide
- Contain fire runoff water to prevent environmental contamination
- Incompatibles include: air, oxygen, flammable/combustible materials, charcoal, powdered aluminum and iron, boron, chlorine monoxide, chromium, fluorine, nitrogen trichloride, ozone, phosphorous, oxidizing and reducing agents, halogens, halocarbons, magnesium, manganese, uranium, and tungsten carbide

Health Hazards:

- OSHA PEL: 25 ppm
- IDLH: 100 ppm
- Acute overexposure results in burns to any exposed tissue, delayed lung damage and death
- Delayed onset of life-threatening symptoms (up to 72 hours); victims must receive medical attention
- Target organs include the respiratory system, skin and eyes

Personal Protective Equipment:

- During an emergency or for planned entry into an unknown concentration, wear positive pressure, full-facepiece SAR with an auxiliary positive pressure SCBA
- Splash goggles or safety glasses and faceshields should be used to protect the eyes
- Neoprene gloves are recommended when handling this gas

Inspection and Storage Tips:

- Store cylinders in a cool, dry location, away from direct sunlight, sources of intense heat or where freezing is possible
- If piping and accessories cannot be kept free of air or moisture, they should be constructed from stainless steel to avoid corrosion

IFC Information:

- Toxic
- Maximum Allowable Quantities (MAQ) per S occupancy control area:
 - unprotected by sprinklers or approved storage cabinets: 810 ft³
 - in sprinklered building, not within approved storage cabinets: 1620 ft³
 - In unsprinklered building, within approved storage cabinets: 1620 ft³
 - In sprinklered building, within approved storage cabinets: 3240 ft³
- For storage of quantities exceeding the MAQ for S occupancy, the storage facility must conform to H-4 occupancy requirements

Incident Reporting and Information:

- There are 16 facilities in Oregon currently reporting Nitric Oxide on the Hazardous Substance Information Survey
- There have been no hazardous materials incidents reported in Oregon since 1986 involving Nitric Oxide

Chris Kuenzi is a Community Planning Coordinator in the OSFM Community Right to Know unit. He can be reached at 503-373-1540 ext. 214, or chris.kuenzi@state.or.us

Response to FIRE NET testing requested

The Office of State Fire Marshal (OSFM) requests any Oregon fire department hearing a test of the State FIRE NET to respond to the Oregon Emergency Coordination Center in Salem.

Departments are requested to provide:

- 1) Department name
- 2) Type of receiver in use when test was heard: mobile, base or handheld
- 3) Strength of signal, e.g. loud or faint, weak or strong, clear or broken

Dispatch centers hearing testing of the State FIRE NET are also requested to respond to the emergency coordination center with the above information.

Data collected from test results is used to ensure system operation and plan future tower locations. For more information, contact Deputy State Fire Marshal John Caul at 503-373-1540, ext. 269 or email john.caul@state.or.us.

Position Opening

Clackamas County Fire District #1 is recruiting for the position of Firefighter/Paramedic.

The application, resume and applicable forms must be received by the fire district by 4:00 p.m. Thursday, January 11, 2007.

For an application or more information, visit www.clackamasfire.com or contact Mary Beth at 503-742-2653 or email marymcg@ccfd1.com.



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4760 Portland Road N.E.
Salem, Oregon 97305-1760