

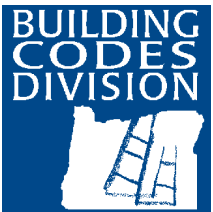
CODE LINK

STATE OF OREGON • BUILDING CODES DIVISION
DEPARTMENT OF CONSUMER & BUSINESS SERVICES

SUMMER 2007

Administrator's message

by Mark Long



Happy New Year! While the rest of the world begins afresh every Jan. 1, state government has its own cycle and starts a new two-year biennium July 1 of every odd-numbered year.

Our new "year" is full of promise and opportunity. We are looking forward to continuing and improving services to our customers and stakeholders; working to help ensure consistency in code application across the state and in division processes and service delivery; continuing to develop training and enforcement programs to increase compliance with the laws we administer; and bringing together our customers, partners, and stakeholders to help us develop standards and resolve disputes.

Regulatory streamlining and consumer protection legislation that passed this session, in addition to our current regulatory, training, and outreach programs, contribute to our ability to fulfill our mission of working with Oregonians to ensure safe building construction while promoting a positive business climate.

E-permitting is one of the programs that we are implementing to streamline and enhance service delivery to the construction community. Our Quick Permits program at BuildingPermits.Oregon.gov is the e-permitting Web site that allows contractors to apply and pay for simple permits from multiple building departments in one transaction. Currently 18

Contents

Administrator's message.....	1
BCD 2007 Legislative Highlights.....	3
Clarifying requirements for solar energy-related products	5
Mandated training for building officials will be available free on the Web	6
Insurance advocacy available to contractors	6
Code adoption update.....	7
Permanent Rule Notices.....	9
BCD leads enforcement sweep through coastal building sites.....	10
Legislature takes several task force recommendations ...	10
State Fire Marshal sets guidelines for propane container fencing	12
State offers building codes online	13
Code interpretation	14
Quick Permits serves 18 local jurisdictions statewide.....	17
Prefab inspection calendar now available online	18
BCD offers grace period for new anchor criteria	18
Compliance report	19
1% Training program offers exciting new service - online course calendar	21
2007 Electrical Program Presentations	22
2007 BCD board meeting dates	23
Confirmation of executive appointments	23

Continued on Page 2



jurisdictions representing roughly 55 percent of the state's addresses offer services through this state-sponsored site. The Legislature approved our plan, outlined in House Bill 2405, to expand the program to allow local governments to offer comprehensive building department services including permit and inspection tracking and plan review for all categories of building departments through a one-stop Web site. In addition to paving the way for a streamlined permitting program, the Legislature passed three bills this session, HB 2219, Senate Bill 192, and SB 193, allowing the division to further streamline and standardize licensing and enforcement procedures across all program areas, and clarify administrative processes for the boiler program.

In the consumer protection arena, the Legislature considered the recommendations of the Construction Claims Task Force, which the division helped staff, and passed HB 2654, adding a host of consumer protections outlined on page 10 of this issue of "Code Link." The division is already working with

stakeholders to amend codes to provide more safeguards that address problems associated with moisture within the building envelope.

In addition to implementing legislation, during the upcoming biennium the division will continue to work with partners and stakeholders to amend and adopt new residential, plumbing, and electrical codes; improve and market our online services such as e-licensing and e-permitting; streamline our programs and processes; increase public access to our activities and information through enhancements to our Web site and video streaming capabilities; reach out to communities across the state through our regional program; and encourage the public to protect the safety and value of their homes through our Permits Protect outreach program.

We are looking forward to our "new year," inspired by the possibilities and encouraged by the successes we've achieved working with our partners, stakeholders, and customers. Working together we can partner to build a better and safer Oregon. ■

BCD 2007 Legislative Highlights



The Building Codes Division worked with its partners and stakeholders to forward several consumer protection, regulatory streamlining, and related measures for the 2007 Legislature to consider. Top among the accomplishments is the legislative approval to add new consumer protections to the construction process and to establish a statewide electronic permitting program. Here are some highlights from the 2007 session.

Consumer protection

Recommendations of the Construction Claims Task Force — HB 2654. The 73rd Oregon Legislature created the Construction Claims Task Force in 2005 to address increasing construction claims and rising contractor liability insurance premiums. The task force was directed to study and evaluate the causes and extent of construction defects in Oregon, the need for consumer protection, and the availability and affordability of liability insurance for contractors and to make recommendations for legislation to the 74th Oregon Legislature.

HB 2654 encompassed the task force's recommendations. While not all of the provisions of the bill as recommended by the task force passed, the Legislature did approve the following provisions:

- Prohibits a contractor from claiming a lien against a consumer if the contractor did not provide a written contract to the consumer.
- Requires contractors to obtain general liability insurance that includes coverage for completed operations.
- Allows the Construction Contractors Board (CCB) to establish training and education requirements for contractors.
- Requires the CCB to establish standard contract terms for construction contracts over \$2,000.
- Requires a contractor who constructs a new residential structure to offer a warranty to the owner or purchaser of the structure. The contractor is allowed to set the terms of the warranty, which the purchaser can accept or refuse.
- Requires a contractor who constructs a new residential structure to provide recommended maintenance information developed by the CCB to the owner or purchaser. Information regarding moisture intrusion will be among the list of items required to be included in the maintenance information.
- Allows a consumer one business day to cancel a construction contract.
- Increases the amount of the bond required of construction contractors by \$5,000.
- Expands the information that must be provided by an applicant to the CCB for a contractor license.
- Enhances the ability of the CCB to take action against individuals and businesses that violate construction-related laws.

Regulatory streamlining

Electronic permitting system — HB 2405. This bill builds upon an electronic construction permitting program established by the 2003 Legislature with SB 713. The 2003 bill allowed the Department of Consumer and Business Services to develop a pilot program to provide electronic access to building codes information and services in Clackamas, Washington, and Multnomah counties. The pilot program, called "Quick Permits," allows contractors to apply and pay for simple electrical, mechanical, and plumbing permits through a state-sponsored Web site. The 2005 Legislature passed HB 3097, which expanded the pilot to other regions of the state. House Bill 2405 further expands current efforts by providing

Continued on Page 4



customers access to a full range of building department services for any location or building site in the state through a one-stop e-permitting Web site. Oregon is poised to lead the nation with the development of the first full access, interoperable, statewide e-permitting program. The program would be phased in over a 10-year period. The proposed Web site will allow customers to do the following:

- Apply, pay, and receive permits online 24/7.
- Submit plans electronically for review and tracking.
- Schedule, track, and receive inspection reports electronically.

License application process streamlining — HB 2219. The provisions of this bill facilitate greater consistency and clarity in the licensing procedures of the division while making no change in actual license requirements. In the 2005 session, HB 2181 provided a framework for creating consistent licensing standards and procedures for all BCD licenses (plumbing, electrical, boiler, and elevator). HB 2219 is essentially a clean-up bill that clarifies and removes certain statutory matters that were not dealt with by HB 2181.

Uniform and consistent enforcement streamlining — SB 192. This bill enhances the authority of BCD and its licensing boards. It allows the division or a board to deny, suspend, revoke, or refuse to renew a license issued by BCD for specified violations. The bill also improves the cooperation between the two agencies that regulate construction by clarifying that sanctions imposed by BCD may provide grounds for sanction by CCB.

Boiler and pressure vessel program changes — SB 193. This bill provides administrative flexibility by clarifying the operational roles of those that administer and enforce the boiler and pressure vessel code. The bill contains the following provisions:

- Authorizes the department to identify by rule which boilers and pressure vessels are subject to local jurisdiction inspection.
- Allows the department to partially or completely exempt certain vessels from regulation.
- Deletes specific language in statute regarding timing of boiler inspections and authorizes the department to establish inspection frequencies by rule.
- Requires special inspectors who are employed by insurance companies to perform inspections on vessels operated or insured by their employers.

“Tankless” water heater exemption — HB 3360. This bill creates an exemption from the boiler and pressure vessel law for certain types of boilers known as “tankless” water heaters or “insta-hots,” creating a more flexible inspection process. This bill is similar to SB 193 (2007) but differs because it completely exempts the product rather than allow the department to work through the rule-making process with the board and industry.

Housekeeping

Electrical licensing changes — HB 2473. This bill makes several relatively small changes to electrical license standards; for example, it eliminates licenses that no individuals currently hold. The bill also reduces the minimum number of required training and experience terms for apprenticeships for certain license types to more appropriately reflect the scope of work performed under the license.

Program assumption moratorium and standardized inspections — HB 2478. This bill establishes a moratorium on certain municipalities assuming responsibility for a building inspection program until July 1, 2010. This bill provides the department with the authority to establish standard and uniform permit, inspection, and certificate of occupancy

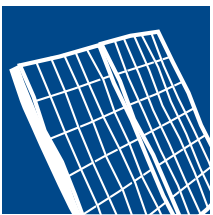


requirements throughout the state. This bill also gives the department authority to issue a civil penalty against a public body that administers a building inspection program.

Reciprocating conveyors — HB 2548. This bill allows the department to establish two new licenses allowing holders to install, alter, repair,

and maintain the mechanical portions of equipment known as “reciprocating conveyors.” The bill exempts the installation and repair of the mechanical portions of residential motorized chair conveyors from the electrical and elevator licensing requirements. ■

Clarifying requirements for solar energy-related products



Renewable energy is a topic in the news lately. Consumers are interested in ways they can produce electricity from sunlight, wind, hydro, and fuel cells. With the Department of Energy economic incentives driving an increase in photovoltaic systems installations, property owners, installers, contractors, and inspectors are asking questions regarding permit and licensure requirements. The following are two important questions:

Can a renewable energy technician (LRT), working for a limited renewable energy contractor (CLR), install an “off grid” system, complete with a domestic water pump and service to a manufactured dwelling?

These limited licenses were created to allow work on photovoltaic systems that produce electricity. Installation of services, feeders, and branch circuits that use electricity exceeds the scope of these licenses.

Can a renewable energy technician (LRT), working for a limited renewable energy contractor (CLR), install the equipment and make the terminations for a photovoltaic system to be utility interactive?

The inverter is typically provided with the photovoltaic equipment, but the CLR contractor is not authorized to connect this equipment to an existing electrical system. ORS 479.630(17) (b)(B) limits this contractor’s authority to “ ... the load side of the inverter.” The installation and

connection of equipment on the line side of the inverter exceeds the scope of the CLR license.

Photovoltaic technology is rapidly changing, and new and improved products are being developed and manufactured at a frantic pace. Manufacturers wishing to market their products in Oregon must have those products evaluated to ensure that they meet minimum safety standards. ORS 479.610 requires certification of electrical products installed in Oregon.

Manufactured stand-alone systems and all components of any photovoltaic electrical installation are required to be certified and/or listed by a [testing laboratory](#) approved by the Elevator and Electrical Board.

An electrical product requires certification and labeling when it is manufactured and assembled by unlicensed individuals without the benefit of an electrical permit and inspection.

An electrical installation requires a properly licensed individual using individually listed or certified components. Making sure the installation is permitted and inspected to guarantee safety.

The Building Codes Division has established these uniform performance standards to provide reasonable safeguards for the health, safety, and welfare of the residents of Oregon. Local jurisdictions are authorized by law to administer these standards. ■

Mandated training for building officials will be available free on the Web



What is mandated training? In calendar years when the Legislature meets in regular session, the continuing education for building officials must include at least one Building Codes Division-approved class covering new legislation relating to the administration and enforcement of building inspection programs (Law Change class). In the past, building officials have attended a live class to receive this continuing education credit. This year, to make life easier, BCD is creating a free online training.

How does it work? BCD will send building officials an e-mail with a link to the legislative update Web pages on the BCD Web site. The Legislative Update menu will direct you to a number of bill topic areas. Each topic area contains a set of articles on bills that have been grouped together. There are a few questions to answer at the end of each set of articles. The questions are markers (not a test) to let the system know that the user has gone through the materials and is ready for the next topic area. When all the segments are completed, the participant receives credit for the training. The entire online course should

take about one hour to finish. After completing the training, a copy of all the legislative updates will be available as a printable document.

This new online course will be the only training recognized by the state for building officials to receive the required continuing education credit. This is a change from past practice. Other informational courses or other materials offered by the division or continuing education training providers will not fulfill your building official requirements.

BCD anticipates this online training will be available from fall of 2007 through spring of 2008. This is just one of the many new ways we will be using the Web to make it easier for certified individuals to obtain their continuing education. This should be especially beneficial to building officials and staff members working in rural areas or who have difficulties attending live classes.

For more information please contact Sherri West at sherri.d.west@state.or.us or (503) 373-7509. ■

Insurance advocacy available to contractors



Are you having problems with your insurance company or insurance agent?

Do you have questions about your insurance rights or provisions of your policy?

Whether your questions are about commercial insurance or personal lines insurance, such as auto, health, life, long-term care, or homeowners, there's free help available to you.

The Department of Consumer and Business Services, Insurance Division has a consumer advocacy program that provides free help with claim denials, nonrenewals, claim delays, misrepresentation, claim settlements, cancellation, or premium problems. Advocates will help you resolve your complaints or provide you with general information about insurance.

Call toll-free (888) 877-4894, or in Salem: (503) 947-7984. E-mail dcbs.insmail@state.or.us or visit www.insurance.oregon.gov. ■

Code adoption update



2008 Manufactured Dwelling and Parks Code

From June 15 to Aug. 1, 2007, the Building Codes Division is accepting proposed code amendments to the 2002 Oregon Manufactured Dwelling and Parks Specialty Code (MDPSC). The proposed effective date for adoption of the 2008 edition of the MDPSC is April 1, 2008.

Contact: Rich Baumann, policy analyst, at (503) 373-7559 or send e-mail to Richard.j.baumann@state.or.us.

2008 Oregon Electrical Specialty Code

The 2005 Oregon Electrical Specialty Code (OESC) will be updated to the 2008 edition of the National Electrical Code (NEC). Oregon's current electrical code is based on the 2005 NEC. The 2008 NEC will be available to the public in September or early October 2007. The division will accept code amendment proposals from October to mid-November 2007. Code Amendment Proposal Applications, form #2652, are available on the division's Web site at http://www.bcd.oregon.gov/form_index.htm. The Electrical Code Review Committee will meet from October 2007 to January 2008. The proposed effective date for adoption of the 2008 OESC is April 1, 2008.

Contact: Dennis Clements, chief electrical inspector, at (503) 378-4459 or send e-mail to dennis.l.clements@state.or.us.

2008 Oregon Residential Specialty Code

The division is updating the 2005 Oregon Residential Specialty Code (ORSC) to the recently published 2006 edition of the International Residential Code (IRC) with Oregon amendments. Oregon's current residential code is based on the 2003 IRC with Oregon amendments. On April 2, 2007 the division closed the acceptance period for code amendment

proposals. Beginning in May 2007, the Residential Code Review Committee has been reviewing existing Oregon amendments, new model code changes, and code amendment proposals. All of the committee meetings have been streamed live on the Internet. Archived copies of the meetings, code amendment proposals, and other committee information are posted on the division's Web site at www.bcd.oregon.gov/committees/08orsc/codechanges.html. Committee work is scheduled to be completed in August 2007. The proposed effective date for adoption of the 2008 ORSC is April 1, 2008.

Contact: Richard Rogers, structural program chief, at (503) 378-4472 or send e-mail to richard.rogers@state.or.us.

2008 Oregon Elevator Specialty Code

The 2005 Oregon Elevator Specialty Code will be updated to the latest ASME standards. The division will accept code amendment proposals from Sept. 1 - Sept. 15, 2007. Code Amendment Proposal Applications, form #2652, are available on the division's Web site at http://www.bcd.oregon.gov/form_index.htm. The Elevator Code Review Committee will meet in October and November 2007. The proposed effective date for adoption of the 2008 Oregon Elevator Specialty Code is April 1, 2008.

Contact: Ron Crabtree, chief elevator inspector, at (541) 944-5809.

2008 Oregon Plumbing Specialty Code

The 2005 Oregon Plumbing Specialty Code (OPSC) will be updated to the 2006 edition of the Uniform Plumbing Code (UPC). Oregon's current plumbing code is based on the 2003 UPC with Oregon amendments. On April 2, 2007 the division closed the acceptance period for code amendment proposals. The Plumbing Code Review Committee met in May and June

Continued on Page 8

Code adoption update, continued from Page 7



2007 to review existing Oregon amendments, new model code changes, and code amendment proposals. All of the committee meetings were streamed live on the Internet. Archived copies of the meetings and other committee information may be viewed at www.bcd.oregon.gov/committees/08ospc.html. The proposed

effective date for adoption of the 2008 OPSC is April 1, 2008.

Contact: Terry Swisher, chief plumbing inspector, at (503) 373-7488 or send e-mail to terry.l.swisher@state.or.us. ■

Timetable	
Feb. 15 – April 2, 2007	Accepted proposed code amendments – ORSC, OPSC
June 15 – Aug. 1, 2007	Accepting proposed code amendments – MDPSC
Late spring – August 2007	Code Review Committees meet-ORSC, OPSC, MDPSC
July - September 2007	Boards review – ORSC, OPSC, MDPSC
July-September 2007	Accepting proposed code amendments – Oregon Elevator Specialty Code
October – mid-November 2007	Accepting proposed code amendments – Oregon Electrical Specialty Code
October 2007 – January 2008	Code Review Committee meets – Oregon Electrical Specialty Code
October 2007	Rules hearings- ORSC, OPSC, MDPSC
mid-October – November 2007	Code Review Committee meets – Oregon Elevator Specialty Code
October – December 2007	Publication and finalization of the codes – ORSC, OPSC, MDPSC
Jan. 15, 2008	Codes available to the public – ORSC, OPSC, MDPSC
January 2008	Board review – Oregon Elevator Specialty Code
March 2008	Rules hearing – Oregon Elevator Specialty Code
April 1, 2008	Effective date of the 2008 OPSC, Oregon Electrical Specialty Code, ORSC, MDPSC, and Oregon Elevator Specialty Code

Permanent Rule Notices



Tri-county building valuation data table rules

Effective date: July 1, 2007

Purpose: These rules enable the Tri-county region to use the current International Code Council (ICC) building valuation data table to calculate residential and commercial permit fees for new construction and additions in the region.

Citations: Amends OAR 918-050-0100 and 918-050-0110.

Contact: Michael Morter, BCD regional coordinator, michael.h.mortar@state.or.us, (503) 373-7510

2007 Oregon Boiler and Pressure Vessel Specialty Code addenda rules

Effective date: June 15, 2007

Purpose: These rules adopt special interim code addenda to the 2004 Oregon Boiler and Pressure Vessel Specialty Code.

Highlights: These rules adopt the following addenda to the Oregon boiler code:

- 2004 Edition of the ANSI/ASME B31.1 Power Piping Code, designated ASME B31.1b (2006).
- 2004 Edition of the National Board Inspection Code (NBIC), designated ANSI/NB-23 (2006).

Citation: Amends OAR 918-225-0435.

Contact: Mike Graham, chief boiler inspector, mike.d.graham@state.or.us, (503) 559-0843.

Beverage service pressure vessel inspection frequency rules

Effective date: Sept. 1, 2007

Purpose: These rules adjust the inspection frequencies of certain beverage service Co2 and hydro-pneumatic pressure vessels.

Highlights: The external inspection schedule for Co2 and hydro-pneumatic beverage service pressure vessels under 20 cubic feet in volume and operated at less than 300 pounds per square inch of gauge pressure is changed from five years to six years.

Citation: Amends OAR 918-225. Repeals OAR 918-225-0405 and 918-225-0580.

Contact: Mike Graham, chief boiler inspector, mike.d.graham@state.or.us, (503) 559-0843.

HB 2180 phase 2 elevator inspection frequency rules

Effective date: Oct. 1, 2007

Purpose: These rules prioritize elevator inspection frequencies for certain lifts, dumb-waiters, and limited-use limited application (“LULA”) elevators.

Highlights: These rules fully implement HB 2180 (2005). In phase one, certain elevators that were inspected annually were moved to a two-year inspection interval. In phase two, some elevators that are currently inspected biennially will be shifted to a three-year inspection cycle.

Citation: Amends OAR 918-400.

Contact: Jim Denno, statewide inspection manager, jim.s.denno@state.or.us, (503) 378-8450, or Ron Crabtree, chief elevator inspector, (541) 944-5809 ■

BCD leads enforcement sweep through coastal building sites



In May the Building Codes Division led a coordinated enforcement effort of five state agencies to check construction sites for compliance with a host of state licensing and employment laws. BCD worked with the Construction Contractors Board, the Department of Consumer and Business Services' Workers' Compensation Division, the Department of Revenue, the Employment Department, the Bureau of Labor and Industry, and local building departments. The sweep was well received by most of the individuals contacted – many said they were happy and encouraged that the state was helping to ensure that only licensed individuals and companies were on job sites.

BCD and partner agency enforcement staff members visited 173 coastal construction sites from Astoria to Lincoln City checking licenses and verifying employment-recording requirements. Twenty compliance investigators spoke to 604 individuals and 277 companies, uncovering a number of potential violations of state law.

Preliminary sweep results include the following:

- BCD has initiated six licensing compliance investigations.
- Revenue is investigating 101 businesses for potential violations of Oregon tax law.
- BOLI filed 12 wage claims on behalf of individuals.
- Employment is investigating 30 general contractors and 40 sub contractors for potential violations of unreported wages for payroll taxes

“Having a presence in local communities through our enforcement and regional programs is one component of our goal of helping to ensure consistency, customer service, and compliance statewide,” said Mark Long, BCD administrator.

The division coordinated a similar effort in the Bend area last fall and plans to continue organizing similar efforts around the state. ■

Legislature takes several task force recommendations



The 2005 Oregon Legislature created the Construction Claims Task Force to address concerns over increasing construction claims and rising contractor insurance rates. The task force made 11 recommendations as part of a comprehensive proposal to improve the construction environment in Oregon. (See [“Construction Claims Task Force finalizes legislative report”](#) in the Winter 2006/2007 edition of Code Link for more information.) Many of the task force proposals required legislative changes to take effect. Below are the task force recommendations and action the Legislature took on them this session.

Construction-related recommendations:

1. Construction Contractors Board (CCB) enforcement and licensing changes: House Bill 2654 requires applicants to disclose certain criminal and civil matters to the Construction Contractors Board, which may investigate an applicant. The Construction Contractors Board may withhold licenses from persons who prove to be unfit based on information provided by the applicant or discovered by the board. Under the bill, the Construction Contractors Board may also issue cease-and-desist orders against construction contractors if they violate CCB law. House Bill 2654 is on its way to the Governor for his signature.

2. Limited consumer assistance fund: The Legislature considered the limited assistance fund proposal in House Bill 2658, but ultimately did not adopt the proposal. The surety bond increase was considered and passed as part of House Bill 2654. Construction contractors licensed by the Construction Contractors Board will see a \$5,000 across-the-board increase in their required surety bonds after Jan. 1, 2008 for new applicants and Jan. 1, 2009 for contractors renewing licenses.

3. Consumer information: House Bill 2654 directs information to consumers through the use of contract terms. Residential contracts must contain standard terms that work to get information to the consumer. The bill also requires a recommended maintenance schedule for the homeowner.

4. Residential permits: Under House Bill 2478, the Department of Consumer and Business Services may set uniform permit, inspection, and certificate of occupancy requirements. House Bill 2478 is on its way to the Governor for his signature.

5. Building envelope training and competency: House Bill 2656 would require a contractor to have a building envelope specialist certified in one of three general categories of exterior construction to substantially observe construction work. House Bill 2656 remained in committee when the Legislature adjourned for the session.

Insurance-related recommendations:

1. First-party warranty: House Bill 2654 requires contractors to offer residential homeowners a written warranty, which they may accept or decline.

2. General liability coverage: House Bill 2654 requires contractors to purchase insurance policies that cover construction projects beyond the end of work, commonly called completed operations coverage.

3. Contractor group liability: House Bill 2751 allows insurance companies to streamline the rate filing process for contractor group liability policies. The bill allows insurance companies to set preferred rates for liability insurance for construction contractors licensed by the CCB. The Governor has signed House Bill 2751.

4. Data reporting requirements: House Bill 2781 would create an advisory group consisting of various representatives of government and the insurance industry. This advisory committee would help the Insurance Division determine what insurance data should be collected, to gauge the effectiveness of task force recommendations. This bill remained in committee when the Legislature adjourned for the session.

For more information about the task force or the status of the legislative proposals, subscribe to BCD's "Public Notices" Web page to get regular updates of meetings related to this issue. ■

State Fire Marshal sets guidelines for propane container fencing



Oregon is growing rapidly and showing no signs of slowing. As our rural communities continue to grow, so will the use of propane. However, the curb appeal of a propane tank is not so popular, so more homes have underground tanks and aesthetic structures around propane containers. In fact, it's not uncommon in new construction to plan aesthetic structures for propane containers well before the container is placed. And many home associations require concealment of propane containers.

The National Fire Protection Association's pamphlet 58, which is adopted from the Liquid Petroleum Gas Statutes and Administrative Rules, prohibits structures over or around propane tanks. Paragraph 6.4.7 of NFPA 58 (2004) was inspired by a serious BLEVE (boiling liquid expanding vapor explosion) of an above-ground propane container that had a structure around and over it. The enclosure contributed to the ignition, most likely by trapping leaking gas, and it made it difficult for the fire responders to apply water. Other not-as-likely hazards exist when containers become enclosed, such as impeding the egress of personnel in an emergency and redirection of flames against a container.

Regulatory codes have never been very clear about whether aesthetic fencing around containers would be prohibited. The Office of State Fire Marshal developed and adopted an interpretation to set clear and concise guidelines on using acceptable wood fencing to conceal propane tanks.

Wood fencing may be permitted under the following guidelines:

- Fencing is constructed to a maximum height of 12 inches above the top of the tank and height shall not exceed 72 inches above grade.

- Fencing is constructed with a minimum clearance of 6 inches above grade. Note: 50 percent of the enclosure shall maintain the opening for airflow.
- Fencing shall be a minimum distance of 36 inches, measured horizontally, from all sides of the container. Exception: Containers with 125 gallons water capacity and under could be placed next to a building with the remaining three sides requiring the 36-inch clearance.
- Gates, if supplied, shall not be locked.
- Storage shall not be allowed within the enclosure.
- Weeds and grass shall be maintained so they do not create a fire hazard within the fenced enclosure.

Note: Check with the local building official for possible permit requirements.

Note: Fences constructed of any other material shall be approved by the authority having jurisdiction prior to construction.

To access the entire formal interpretation from the Office of State Fire Marshal's Web site follow this link: <http://egov.oregon.gov/OSP/SFM/docs/Codes/OGCInterp0502.doc>.

Basically, fencing needs to follow the interpretive guidelines or the container must have 50 percent of the perimeter open to the atmosphere. Typically lattice fencing (without a baseboard) would be allowed because it allows for 50 percent of the perimeter to be open for air flow.

The Office of State Fire Marshal inspects residential LP-Gas container installations as required by ORS 480.450. The installation and placement of propane containers and the piping up to and including the first stage regulator fall under the authority of the OFSM.

Continued on Page 13

All components downstream of the first stage regulator in residential LP-Gas systems fall under the inspection authority of the Building Codes Division. See BCD Statewide Interpretation No. C202 (G2403).

If the OSFM finds noncompliant fencing during inspections, the fencing would have to be modified or removed. If not, the container should not



be serviced. Homeowners deserve a collaborative effort to communicate aesthetic fencing guidelines to builders, building officials, and propane suppliers. The OSFM encourages builders to follow the necessary guidelines when building new construction. The OSFM also appreciates building inspectors conveying this requirement whenever possible. Propane gas is heavier than air and will settle. In the unlikely event of a gas leak inside these aesthetic structures, significant amounts of gas could accumulate. Accumulated gas is far more dangerous than gas that can dissipate.

Contact: Jay Hardwick, compliance specialist, Office of State Fire Marshal, at (503) 373-1540, ext. 278, or e-mail jay.hardwick@state.or.us. ■

State offers building codes online



Codes ensure safety, consistency in construction

Builders, design professionals, and inspectors as well as home remodeling do-it-yourselfers have a new online resource to help them with their projects.

The Building Codes Division now offers the state's residential, structural, and mechanical building codes online at www.bcd.oregon.gov.

"The codes set minimum construction standards for building safety and provide a consistent and predictable building environment," said Mark Long, BCD administrator. "We are pleased that we can now offer Oregonians access to the codes that's as easy as turning on the computer."

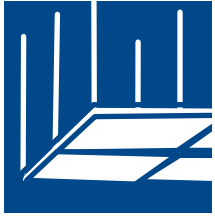
The codes available online are:

- The Oregon Structural Specialty Code, which covers structural elements such as framing, roof assemblies, and building entry and exit in commercial and public buildings.

- The Oregon Mechanical Specialty Code, which regulates the construction of mechanical installations, such as heating and cooling systems, and venting and ductwork in both residential and commercial buildings.
- The Oregon Residential Code, which covers construction standards in one- and two-family dwellings ranging from stair geometry to window requirements in bedrooms to the height of railings on the deck.

Oregon codes are based on national model codes, which are protected by copyright laws. Through an agreement with the International Code Council, the Building Codes Division will offer free "view only" access to the codes through its Web site. While builders and designers often purchase codebooks for reference, having the codebooks online makes the information more accessible to anyone working on a construction project. ■

Code interpretation



BCD issues code interpretations, site-specific interpretations, and alternate method rulings to clarify code requirements and to help ensure the consistent application of code throughout Oregon. A complete listing of code interpretations is available on the division's Web site by going to "Interpretations" from the home page.

Construction requirements for Suspended Ceiling Systems

Code Section: 2004 OSSC Section 1621.1, 2007 OSSC Section 1613.1, ASCE 7-02 Section 9.6.2.6 and ASCE 7-05 Section 13.5.6.2.2

Code Edition: 2004 and 2007 for OSSC's and 2002 and 2005 for ASCE Standard 7.

Date: revised: April 20, 2007

Question:

What are the minimum requirements of the Oregon Structural Specialty Code for the construction of suspended ceiling systems?

Answer:

I. The following options are available:

- a. An engineered ceiling system designed for appropriate forces
- b. Prescriptive ceiling systems per CISCA standards as provided below, except for ceiling systems in structures classified as Occupancy category III or IV:
 - i. in Seismic Design Category C, construction in accordance with CISCA standards for seismic zones 0-2.

All of the notes in section IV of this interpretation shall be applicable in addition to the CISCA requirements.

- ii. in Seismic Design Categories D through F, construction in accordance with CISCA standard for seismic zones 3 and 4 with modifications as noted in ASCE 7-02 or ASCE 7-05 standard.

All of the notes in sections IV and V of this interpretation shall be applicable in addition to the requirements contained in ASCE 7-02/05 or ASCE 7-05 and the CISCA standards for Seismic Design Categories D through F.

c. Effective April 1, 2007, (with the adoption of the 2007 OSSC) the following two additional options will be available based upon ASCE 7-05 Sections 13.2.5 and 13.2.6:

- i. Shake table testing of components and their supports, to determine their seismic capacities, in accordance with ICC Acceptance criteria 156 (Section 13.2.5 of the ASCE 7-05).
- ii. Seismic qualification by experience data based on nationally recognized procedures (Section 13.2.6 of the ASCE 7-05).

II. Northwest Wall & Ceiling Bureau Technical Bulletin 401 OREGON (NWCB TB 401OR): In structures other than those classified as occupancy category III or IV, suspended ceilings installed in accordance with the prescriptive provisions of NWCB TB 401OR are deemed to comply with this interpretation.

NWCB TB 401OR contains information compiled from the different applicable documents such as ASCE Standard 7-05, IBC 2006, ASTM Standard C635, and CISCA and is available at the following Internet address:

http://www.nwcb.org/images/resource_files/401_OREGON.pdf

All of the notes in sections IV and V of this interpretation shall be applicable in addition to the requirements contained in NWCB TB 401OR.

III. The Seismic restraint for suspended ceiling systems in structures classified as Occupancy Category III and IV are required to be designed for the specific project, and the anchorage of the ceiling system is required to

Continued on Page 15

be periodically special inspected in Seismic Design Categories D, E, and F in accordance with the provisions of the current edition of the Oregon Structural Specialty Code.

IV. General notes. The following notes are applicable to sections I and II:

a. Specialty ceilings. Specialty ceilings must be installed using an engineered design and may not use the provisions of this interpretation. Specialty ceilings include but are not limited to those:

- i. Incorporating arched ceilings, curved or curvilinear ceilings, or sloped ceilings; or
- ii. Having no direct connection to the surrounding walls or supports, such as “free floating” or “cloud” ceiling elements.

b. Tiles. Suspended ceilings installed to this interpretation may use either standard acoustical lay-in ceiling panels, tegular or kerfed ceiling panels.

c. Spreader bars.

- i. Wire ties are deemed equivalent to spreader bars
- ii. Spreader bars are not required if a 90-degree intersecting cross or main is within 8 inches of the perimeter wall.
- iii. Spreader bars are not required at perimeters where ceiling grid ends are attached to closure angles.

d. Wire gauge: The minimum wire size shall be US Steel Wire Gage #12 (0.1055 inch).

V. Notes Specific to Design Categories D through F

a. Lateral force bracing is required for ceilings over 144 square feet.

b. Ceilings with interstitial spaces less than 12 inches to framing are not required to have lateral force bracing.

c. Grid attachment: The suspended ceiling grid shall be attached to two adjacent walls. Soffits

complying D(ii)(2) are deemed to be equivalent to walls.

d. Seismic joints

i. For ceiling areas exceeding 2,500 square feet, a seismic separation joint shall be provided. The layout and location of seismic separation joints shall be per the designer of record and noted on the plans.

ii. In lieu of seismic separation joints, the ceiling may be divided into areas less than 2,500 square feet by the use of partitions or soffits as described below.

1. Partitions. Where used, partitions shall extend a minimum of 6 inches above the level of the plane of the grid and shall be independently braced to the structure above.

2. Soffits. Where used, soffits shall extend to a point at least level with the bottom plane of the grid and shall be independently supported and laterally braced to the structure above.

iii. Other than partitions and soffits, seismic joints may not be used as part of a fire rated ceiling assembly unless substantiating documentation is provided.

iv. The minimum movement that must be accommodated at seismic joints is $\frac{3}{4}$ of an inch.

e. Perimeter clips: Where substantiating documentation is provided, perimeter clips may be used to satisfy the following requirements:

- i. 2-inch closure angle
- ii. Spreader bar requirements

f. Sprinkler Heads: Flexible head design that can accommodate 1-inch free movement in any direction shall be permitted as an alternate to the requirement for 2-inch oversize rings, sleeves, or adapters through the ceiling tile.

Continued on Page 16

g. "Powder driven shot-in-anchors" when used for seismic application as part of the prescriptive path in Seismic Design Categories D, E, & F shall have an ICC-ES approval for seismic applications and shall require "special inspection" irrespective of the type of "occupancy category" the structure is in. Anchors for kicker wires (splayed wires installed for purposes other than seismic restraint) are exempt from this requirement.

As of the issuance of this interpretation, approved load testing values for the use of "powder driven shot-in anchors" in normal-weight concrete over a metal pan deck have not been established. Until approved load testing values are established, an on-site pull-test of such assemblies is required. The test shall demonstrate that the anchor can support a minimum 250 pounds for not less than 10 seconds and be conducted by an approved testing agency. At a minimum, such testing shall be performed on 5 percent of the total number of wires but no less 5. Test samples shall be selected from dispersed locations.

On Site Test Failures. In case of pull test failures, the testing agency shall notify the local jurisdiction. An increased level of testing, as described below, shall be conducted. All failed anchors shall be replaced.

Increased testing requirements.

1. A minimum of 6 anchors in the immediate vicinity of the failed anchor shall be tested.
2. In the event of any additional failure, all anchors placed on the same day shall be tested.

Load testing results are required to be submitted to the local jurisdiction for approval prior to the ceiling grid inspections.

h. Expansion, Screw In, and Adhesive Anchors. The International Codes Council – Evaluation Services (ICC-ES) has recently issued new acceptance criteria for the anchors

noted above. In order to give manufacturers time to complete the approval process, the Building Codes Division is authorizing the following grace periods effective immediately:

1. Expansion anchors: Grace period expires Nov. 30, 2007. In the interim, expansion anchors must comply with the previously issued acceptance criteria "AC01." After that date, expansion anchors must comply with the new ICC-ES acceptance criteria "AC193."
2. Screw anchors: Grace period expires April 30, 2008. In the interim, screw anchors must comply with the previously issued acceptance criteria "AC106." After that date, screw anchors must comply with the new ICC-ES acceptance criteria "AC193."
3. Adhesive anchors: Grace period expires April 30, 2008. In the interim, adhesive anchors must comply with the previously issued acceptance criteria "AC58." After that date, adhesive anchors must comply with the new ICC-ES acceptance criteria "AC308."

Please note that the grace periods referenced above will not be extended.

VI. Upgrading of Existing Ceilings

a. Ceilings without Seismic Bracing. Where existing ceilings are without seismic bracing, the ceiling system shall be brought into substantial compliance with current code requirements when 50 percent or more of the ceiling tile is altered, repaired, or replaced as part of a general space alteration, or if all of the ceiling system is removed.

Substantial compliance means installation of the following items where required in new construction:

- i. lateral force bracing (splayed wires)
- ii. compression struts

Continued on Page 17

- iii. slack wires on all light fixtures and air terminals.

This requirement does not trigger the need for:

- i. 2-inch closure angle as specified in section II
- ii. Seismic separation joints
- iii. 1-inch movement in all directions around sprinkler pendants

These upgrades are not required when:

- i. removing portions of tiles or panels and/or grid to alter ductwork, sprinkler pipe, etc.
- ii. portions of a ceiling are removed only to facilitate the installation of sprinkler piping.
- b. Ceilings without compression struts. Where existing ceilings have seismic bracing but do not have compression struts at the center of

the splayed wires, the addition of compression struts will only be required when and where the grid is replaced, altered, raised or lowered.

Analysis:

The Building Codes Division has obtained clarifications from both the ASCE and Cisca staffs regarding the intent of provisions in their respective documents. Both documents intended to allow the prescriptive construction of suspended ceilings in accordance with the methodology provided in the appropriate Cisca standard along with the modifications listed in the ASCE 7 document.

Contact:

Richard S. Rogers, structural program chief, richard.rogers@state.or.us, (503) 378-4472 ■

Quick Permits serves 18 local jurisdictions statewide



Contractors building in Salem, Newberg, and Marion and Yamhill counties now can buy simple permits any time of the day or night, seven days a week via the Internet at Quick Permits at www.BuildingPermits.Oregon.gov.

The site, hosted by the Building Codes Division, allows contractors to apply and pay for multiple permits from multiple jurisdictions in one transaction. Eighteen building departments in the state offer over-the-counter electrical, plumbing, and mechanical permits through www.BuildingPermits.Oregon.gov.

Other cities and counties that offer the e-permitting service include Medford, Cannon Beach, Corvallis, Eugene, Lane County, and several in the Portland metro area.

“Delivering quality service through streamlined processes is one of our top goals,” said Salem’s Building and Safety Administrator Tom Phillips. “Joining the state’s e-permitting Web site allows us to offer one or more services

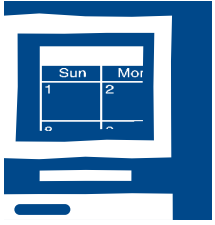
that will make it possible for our customers to buy permits from the convenience of their home or office.”

One customer who is happy with the service is Dan Dorn, president of Sunco Homes and Remodeling, and past president of the Oregon Home Builders Association and the Home Builders of Marion County.

“I applaud the efforts of the state to streamline the permitting process and make it easier for contractors to do business,” he said.

The e-permitting program is part of Gov. Kulongoski’s regulatory streamlining initiative. The Governor recently signed into law House Bill 2405, which will expand the existing program to create the nation’s first comprehensive statewide e-building program and allow contractors to conduct more building department activities online, such as receiving plan approval and scheduling inspections. ■

Prefab inspection calendar now available online



Wondering when a prefab inspector will be in your area? A new online calendar, available on the Building Codes Division's Web site, helps prefab manufacturers schedule inspections. The calendar is also a great communication link that verifies a prefab manufacturer's inspection request has been received. This Web address takes you to the Prefab Program page of the BCD Web site, which has a link to the calendar: <http://www.bcd.oregon.gov/programs/fo/foprefab.html>.

The new Web feature provides you with the dates and locations of inspections and who the inspector(s) will be, which can help prefab manufacturers save money. For example, if manufacturers check the Web calendar and see that a trip is already planned for their region, they can share the cost of the

inspectors' travel time with other area manufacturers. All they have to do is fax BCD an inspection request for the same day. This not only helps manufacturers save costs, but it also helps the division schedule and allocate resources. Inspectors visiting several manufacturers in the same trip is a savings for everyone.

Prefab manufacturers used to call BCD wondering if the inspector they requested that day was actually going to show up. With the new online scheduling calendar, they can find out exactly what the inspector's schedule is for the day and verify that the inspector received their request.

For more information, contact Roseanne Nelson, administrative manager-Statewide Inspection Services, at Roseanne.Nelson@state.or.us or (503) 378-5324. ■

BCD offers grace period for new anchor criteria

The International Codes Council – Evaluation Services (ICC-ES) has recently issued new acceptance criteria for expansion, screw-in, and adhesive anchors. In order to provide

anchor manufacturers the time necessary to complete the approval process, the Building Codes Division is authorizing the following grace periods effective immediately:

Type of Anchor	Previous Acceptance Criteria Reference	New Acceptance Criteria Reference	Grace Period Expires
Expansion	AC01	AC193	Nov. 30, 2007
Screw	AC106	AC193	April 31, 2008
Adhesive	AC58	AC308	April 31, 2008

In the interim, the anchors noted above must comply with the previously issued acceptance criteria. **The grace periods noted above will not be extended.** ■

Compliance report

The Board of Boiler Rules found the following violations of the Oregon Boiler Safety Laws in March and May 2007:

CITY	NAME	VIOLATION	PENALTY
Ontario.....	Dale's Service Inc.....	No boiler/pressure vessel business license, no boiler/pressure vessel installation permit.....	\$2,000
Woodburn.....	Construction Solutions Inc.....	No boiler/pressure vessel installation permit.....	\$1,000
Beaverton.....	Chris J. Harper.....	No boiler/pressure vessel individual certification.....	\$1,000
Salem.....	Heinz Mechanical Inc.....	No boiler/pressure vessel installation permit (2 violations).....	\$2,000
Beaverton.....	Gene A. Knupp.....	No boiler/pressure vessel individual certification.....	\$1,000
Beaverton.....	American Residential Services LLC.....	No boiler/pressure vessel business license, no boiler/pressure vessel installation permit.....	\$2,000

The Electrical and Elevator Board found the following violations of the Oregon Electrical Safety Laws in March 2007:

CITY	NAME	VIOLATION	PENALTY
Astoria.....	Reid W. Cory.....	No electrical permit.....	\$1,000
Beaverton.....	Richard Ammons.....	No electrical contractor license.....	\$1,000
The Dalles.....	Frank J. Perkins.....	No elevator installer license (2 violations).....	\$2,000
White City.....	Z Electric Inc.....	No electrical permit.....	\$1,000
White City.....	Mark A. Zakowski.....	As supervising electrician, failed to ensure permit was obtained.....	\$1,000
Corvallis.....	Jay Gray.....	No electrical contractor license, no electrical permit, no supervising or journeyman license.....	\$3,000
Roseburg.....	Rocky L. Batey..... Pacific Data and Communication	Allowed unlicensed individual to make electrical installation.....	\$1,000
Milton Freewater.....	Eric P. Maltos.....	No supervising or journeyman license.....	\$1,000
Portland.....	Gary Cole.....	Unsafe installation.....	\$1,000
Portland.....	Soledad Electric Inc.....	Allowed unlicensed individual to make electrical installation.....	\$1,000
Portland.....	John A. Knapp.....	No supervising or journeyman license.....	\$1,000
Portland.....	Edwin L. Wilson.....	As supervising electrician, failed to ensure individual had proper license to make electrical installation.....	\$1,000

Continued on Page 20

Salem	Vera Construction Inc.	No electrical permit, no electrical contractor permit	\$2,000
Beaverton	Chester D. Garrett.....	As supervising electrician, failed to ensure individual had proper license to make electrical installation.....	\$1,000
Milton Freewater	Justin C. Magula	No supervising or journeyman's license	\$1,000
Portland	Event Power and Lighting Inc.	Unsafe installation	\$1,000

The director of the Department of Consumer and Business Services found the following violations of the Oregon Specialty Codes in March, April, and May 2007:

CITY	NAME	VIOLATION	PENALTY
Ontario.....	Dale's Service Inc.	Failed to comply with order of corrective action.....	\$5,000
Portland	Eric S. Moore	No permit	\$1,000
Portland	Stacey Flooring & Remodeling Inc.	No permit	\$1,000
Beaverton, Klamath Falls, North Bend	Amerikooler Inc.	Failed to request inspections prior to shipping prefabricated structure(s) to Oregon (3 violations)	\$3,000
Keno	Klamath Woodlands Inc.	No permit (2 violations).....	\$2,000
Portland	Robert Lockett Lockett Company	No permit	\$1,000
Scappoose	Metal Building Systems Inc.....	No permit	\$1,000
Salem	Rickey Byrd.....	No permit	\$1,000
Portland	Hill Phoenix	Failed to request inspections prior to shipping prefabricated structure(s) to Oregon (3 violations)	\$3,000

The Plumbing Board found the following violations of the Oregon Plumbing Specialty Codes in April and May 2007:

CITY	NAME	VIOLATION	PENALTY
Portland	Lars R. Hendrickson	Allowed unlicensed individual to make plumbing installations	\$1,000
Portland	Tapani Plumbing Inc.	Allowed unlicensed individual to make plumbing installations	\$1,000
Portland	Brian W. Stacey	No journeyman plumber's license.....	\$1,000
Portland	Stacey Flooring & Remodeling Inc.	No plumbing business license	\$1,000
Bend	Albert Herrera	No journeyman plumber's license.....	\$1,000
Bend	Gary L. Ford..... Summit Plumbing Co.	Allowed unlicensed individual to make plumbing installations	\$1,000
Hillsboro	Glenn A. Brown	Allowed unlicensed individual to make plumbing installations.....	\$1,000
Keno	William P. Brandsness	No journeyman plumber's license.....	\$1,000

Continued on Page 21

Keno	Klamath Woodlands Inc.....	No plumbing business license	\$1,000
Cornelius	Daniel D. Bjork	No journeyman plumber's license.....	\$1,000
Tigard	Timothy B. Johnson, New West Constructors Inc.	Allowed unlicensed individual to make plumbing installations	\$1,000
Tigard	Timothy B. Johnson	No journeyman plumber's license.....	\$1,000
Silverton	Thomas P Williams	No journeyman plumber's license, no plumbing business license.....	\$2,000
Hermiston	Precision Plumbing &..... Supply Inc.	Allowing unlicensed individuals to make plumbing installations.....	\$1,000
Hermiston	Erick Iniguez	No journeyman plumber license	\$1,000
	Improvements		

1% Training program offers exciting new service - online course calendar



Through its 1% Training program, the Building Codes Division contracts with local continuing education providers to offer training courses. Now you can find all the 1% Training courses on a calendar on the BCD Web site. The following is a list of the current courses offered. The online calendar has more detailed information and you can sign up to be updated whenever new courses are added.

2007 Oregon Structural Specialty Code Changes

Courses provided by the Oregon Building Officials Association (OBOA)
 Sept. 12, 2007 – Wilsonville
 Sept. 26, 2007 – La Grande
 Nov. 15, 2007 – Wilsonville
 Nov. 16, 2007 – Wilsonville

2007 Oregon Mechanical Specialty Code Changes

Courses provided by OBOA
 Sept. 11, 2007 – Wilsonville
 Sept. 12, 2007 – Wilsonville
 Sept. 25, 2007 – La Grande
 Nov. 13, 2007 – Wilsonville

For more information on OBOA courses and to register, contact Cory Cross at (503) 873-1157 or e-mail oboa@teleport.com.

2007 Oregon Fire Code Overview

Courses provided by the American Institute of Architects
 July 30, 2007 – Pendleton
 Aug. 29, 2007 - Portland

For more information on AIA courses and to register, contact Sarah McNay at (503) 223-8757 or e-mail aiapdx@aiaportland.org.

Note: The “1%” refers to the surcharge of 1% on building permits in Oregon. (Go to http://www.cbs.state.or.us/bcd/pub/codelink/2007/cl_spr07.pdf for the Spring 2007 Code Link article on the 1% Training program.) ■

2007 Electrical Program Presentations



The BCD electrical chief presents information on Rule and Law, Grounding and Bonding, Wiring Methods, and Common Misconceptions Parts I, II, and III at various locations throughout the state. Here is an upcoming schedule.

Ontario

Date: Monday, July 16

Time: 5 p.m.- 9 p.m. (Mountain Time), (4-8 Pacific)

Location:

SRCI Conference Room

777 Stanton Blvd.

Ontario, OR 97914

Michael Rudd, (541) 889-7422

Subject: Rule and Law, Wiring Methods, Common Misconceptions, Part I

Contact: Dennis Clements, chief electrical inspector, (503) 378-4459

Hosts: Inspections Inc., Snake River Correctional Institute

Tri county

Date: Wednesday, July 25

Time: 4 p.m.- 8 p.m.

Location:

Multnomah County Office Building

501 SE Hawthorne Ave.

Portland, OR 97232

Subject: Rule and Law, Wiring Methods, Common Misconceptions, Part II

Contact: Dennis Clements, chief electrical inspector, (503) 378-4459

Hosts: IBEW, IEC

Tangent

Date: Thursday, Sept 13

Time: 4 p.m.- 8 p.m.

Location:

Central Electrical Training Center

33309 Hwy 99E

Tangent, OR 97389

Greg Creal, (541) 812-1771

Subject: Rule and Law, Wiring Methods, Common Misconceptions, Part III

Contact: Dennis Clements, chief electrical inspector, (503) 378-4459

Hosts: IBEW, NECA, IEC

Bend

Date: Monday, Sept 24

Time: 4 p.m.- 8 p.m.

Location:

Eagle Crest Conference Center

1522 Cline Falls Highway

Redmond, OR 97756

Lance Zifka, (541) 480-3031

Subject: Rule and Law, Wiring Methods, Common Misconceptions, Part III

Contact: Dennis Clements, chief electrical inspector, (503) 378-4459

Hosts: IBEW, NECA, IEC

Ashland

Date: Thursday, Nov 1

Time: 1 p.m.- 5 p.m.

Location:

City of Ashland, Community Development Center

51 Winburn Way

Ashland, OR 97520

Mike Broomfield, (541) 488-5309

Subject: Rule and Law, Wiring Methods, Common Misconceptions, Part III

Contact: Dennis Clements, chief electrical inspector, (503) 378-4459

Hosts: City of Ashland

Tri county

Date: Tuesday, Nov 13

Time: 4 p.m.- 8 p.m.

Location:

Multnomah County Office Building

501 SE Hawthorne Ave.

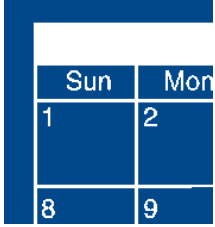
Portland, OR 97232

Subject: Rule and Law, Wiring Methods, Common Misconceptions, Part III

Contact: Dennis Clements, chief electrical inspector, (503) 378-4459

Hosts: IBEW, IEC ■

2007 BCD board meeting dates



Sun	Mon
1	2
8	9

ELECTRICAL & ELEVATOR BOARD

Meets on the fourth Thursday of every other month:

- July 26
- Sept. 27
- Nov. 29

BOARD OF BOILER RULES

Meets quarterly on the first Tuesday of the 3rd, 6th, 9th, and 12th months:

- Sept. 11
- Dec. 4

BUILDING CODES STRUCTURES BOARD

Meets quarterly on the first Wednesday of the 2nd, 5th, 8th, and 11th months:

- Nov. 7

MECHANICAL BOARD

Meets quarterly on the first Wednesday of the 3rd, 6th, 9th, and 12th months:

- Sept. 12
- Dec. 5

STATE PLUMBING BOARD

Meets on the third Friday of every other month:

- Aug. 17
- Oct. 19
- Dec. 14

MANUFACTURED STRUCTURES & PARKS BOARD

- Sept. 13

RESIDENTIAL STRUCTURES BOARD

Meets on the first Wednesday of each quarter:

- Aug. 29 (rescheduled from July 11)
- Oct. 3

MEETINGS ARE HELD IN THE BCD CONFERENCE ROOM AT 1535 EDGEWATER ST. NW, SALEM

Meetings begin at 9:30 a.m. Meetings may be canceled or rescheduled.

This calendar reflects adjustments to the regular meeting schedule to accommodate for holidays.

All board information is posted on the BCD Web site: www.bcd.oregon.gov/boards.html.

Confirmation of executive appointments



Members of the Board of Boiler Rules and the Oregon State Plumbing Board are appointed by the Governor and approved by the Oregon State Senate. The following individuals were recently appointed to BCD boards.

The Board of Boiler Rules (ORS 480.535)

Jon Hooker, Gresham

(Owner/user high-pressure vessel)

Appointment of four-year term

Term: July 1, 2007 – June 30, 2011

Plumbing Board, State (ORS 693.115)

Dewey Darold, Tualatin

(Department of Human Services)

Appointment of an unexpired and a four-year term

Term: April 16, 2007 - June 30, 2008 ■



DEPARTMENT OF
CONSUMER
& BUSINESS
SERVICES

Building Codes Division
1535 Edgewater St. NW
PO Box 14470
Salem, OR 97309-0404



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CODE LINK

STATE OF OREGON • BUILDING CODES DIVISION

Code Link is a publication of the Building Codes Division, Oregon Department of Consumer & Business Services

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