



Code Amendment Proposal Application

Department of Consumer & Business Services
 Building Codes Division
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STAFF USE ONLY

Application no.:

OMSC 10-01

 Approved
 Denied

Instructions: Fill in all the following information, attach any supplementary information you relied on, and mail to the address listed above. For more information, please refer to the Building Codes Division Web site, bcd.oregon.gov.

APPLICANT INFORMATION

Name: Jay Hardwick	Date: May 8, 2009
Representing: Office of State Fire Marshal / Co-Sponsored by the Oregon Mechanical Officials Association.	Phone: 503-934-8278
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PROPOSED CODE LANGUAGE

This proposed code amendment (check one):

- Amends** (code, edition, section): _____
- Adopts a new section** (code, edition): **C410.4 and "Vent piping" to C410.4.1**
A sub-section under OMSC, 2007, Section C410 to be included in the OMSC, 2010, as C410.3, renumbering "Venting of regulators" to C410.4 and "Vent piping" to C410.4.1
- Repeals** (code, edition, section): _____

You must provide language for review by the division. Failure to provide language will invalidate the application.

Please use the following format to show additions and deletions from the code — strike through ~~deleted text~~, underline and bold **new text**.

Use arrow keys to advance to the next text box.

Proposed language:

C410.3 Liquefied petroleum gas regulators. LP-gas second stage and 2 psi regulators, as defined by NFPA 58, shall be installed in accordance with the following:

- 1. Regulators installed outdoors shall be protected from motor vehicle impact. For examples of approved types of protection see Figure C304.1.**
- 2. Regulator vent discharge shall be located not less than 3 feet (915 mm) horizontally from building openings below the point of discharge and not less than 5 feet (1525 mm) in any direction from exterior sources of ignition, openings into direct-vent appliances, or mechanical ventilation air intakes.**
- 3. Venting of regulators shall comply with C410.4 and C410.4.1.**

Renumber "Venting of regulators" to C410.4 and "Vent piping" to C410.4.1

APPLICATION CRITERIA

Attach to this application written responses to the following questions. If needed, include in the response an explanation as to why a question does not apply to your proposed code amendment. The division may reject an incomplete application.

Questions:

1. Is your proposed code amendment necessary to correct any unforeseen or probable outcomes resulting from the application of a code section, and if so, why? **No**
2. Is your proposed code amendment needed to protect the health, safety, welfare, comfort, and security of occupants and the public, and if so, why? **Yes: C305.1 requires second stage regulators in LP-Gas systems to be installed in accordance with manufacturer instructions. Manufacturer's instructions would typically require regulators to be installing in accordance with NFPA 58 for safety reasons. Currently code provisions are less restrictive than installation instructions (NFPA 58). This amendment would close that gap and significantly reduce a hazard potential.**
3. Does your proposed code amendment correct inadequate application by a code section to a method, material, or design, and if so, how? **Yes: The avenue an inspector must take to regulate the installation of second stage regulators in undiluted LP-Gas systems is by means of manufacturer's installation instructions as required by C305.1. This is an indirect and inadequate application. The amendment would give inspectors an adequate enforcement resource ensuring a safe installation of LPG second-stage regulators without resorting to C305.1**
4. Is your proposed code amendment necessary to correct unique geographic or climatic conditions within Oregon, and if so, why? **No**
5. Is your proposed code amendment needed to eliminate conflicting, obsolete, or duplicative code provisions or standards among Oregon-adopted codes, statutes, or regulations, and if so, why? **No**
6. Does your proposed code amendment work to conserve scarce resources, and if so, how? **No**
7. Does your proposed code amendment provide for the use of unique or emerging technologies or promote advances in construction methods, devices, materials, and techniques, and if so, how? **No**
8. Does your proposed code amendment meet any energy conservation or indoor air quality requirements, and if so, how? **No**
9. Does your proposed code amendment involve the adoption of an electrical or plumbing building product? If an electrical or plumbing building product is involved, note if the appropriate board approved the product. **No**
10. Does your proposed code amendment create any adverse fiscal impact or cost savings for the general public, the construction industry, local and state governments, or small businesses? If so, please describe the added or reduced cost of the proposed code amendment, the adverse fiscal impact or cost savings in relation to the current Oregon specialty code, and any standards of measure used to arrive at the result given. **No**
11. If your proposed code amendment relates to the development of a 6,000-square-foot parcel and the construction of a 1,200-square-foot detached single-family dwelling on that parcel, please provide information to assist the division in preparing a housing cost impact statement. **No**

APPLICANT SIGNATURE

Signature:

Jay Hardwick

Date: **May 8, 2009**

Copyright notice: By signing this proposed code amendment application, I understand and acknowledge that the work contained in this application is original, or if not original, I have the right to copy the work. By signing this work, I understand that any rights I may have in this work, including any form of derivative works and compilations, are assigned to the Department of Consumer and Business Services. I also understand that I do not retain or acquire any rights once this work is used in a Department of Consumer and Business Services publication.

APPLICATION PROCESSING



440-2652 (9/07/COM/WEB)