



Code Amendment Proposal Application

Department of Consumer & Business Services
 Building Codes Division
 1535 Edgewater NW, Salem, Oregon
 Mailing address: P.O. Box 14470, Salem, OR 97309-0404
 Phone: (503) 378-4133, Fax: (503) 378-2322
 Web: bcd.oregon.gov

STAFF USE ONLY	
Application no.:	
OMSC 10-03	
<input checked="" type="checkbox"/> Approved	
<input type="checkbox"/> 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: John Stelzenmueller		Date: 4/27/09
Representing: OMOA		Phone: (503) 691-3042
Address (street or P.O. Box): 18880 SW Martinazzi		Fax: (503) 692-0147
City: Tualatin	State: Oregon	ZIP: 97062
E-mail address: jstelzenmueller@ci.tualatin.or.us		
PROPOSED CODE LANGUAGE		
This proposed code amendment (check one):		
<input type="checkbox"/> Amends (code, edition, section): _____		
<input checked="" type="checkbox"/> Adopts a new section (code, edition): Section 506.3.2.5 2010 OSMC		
<input type="checkbox"/> 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:

506.3.2.5 Grease duct test. Prior to the use or concealment of any portion of a grease duct system, a leakage test shall be performed. Ducts shall be considered to be concealed where installed in shafts or covered by coatings or wraps that prevent the ductwork from being visually inspected on all sides. The permit holder shall be responsible to provide the necessary equipment and perform the grease duct leakage test. A light test shall be performed to determine that all welded and brazed joints are liquid tight. A light test shall be performed by passing a lamp having a power rating of not less than 100 watts through the entire section of ductwork to be tested. The lamp shall be open so as to emit light equally in all directions perpendicular to the duct walls. A test shall be performed for the entire duct system, including the hood-to-duct connection. The duct work shall be permitted to be tested in sections, provided that every joint is tested. For listed factory-built grease ducts, this test shall be limited to the duct joints assembled in the field and shall exclude factory welds.



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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? **The proposed code provisions will provide for uniform and consistent inspection practices.**
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? **Once a Type I grease duct is enclosed within a shaft or wrapped with an approved duct wrap system, a grease leak can go undetected and could build up extensive amounts of grease. This build up of grease presents a significant fire hazard and presents a significant hazard to the structure and it's occupants.**
3. Does your proposed code amendment correct inadequate application by a code section to a method, material, or design, and if so, how? **The proposed language is model code language in the 2009 Edition of the International Mechancial Code and is being proposed to make the OSMC consistent with the National Code. Similar provisions first appeared in the 2006 Edition of the International Mechancial Code, but have undergone a number of revisons to the current language in the 2009 Edition. A light test is the most cost-effective and efficient method to locate defects in welded or brazed grease duct installations and allows for the testing of the sections of the duct as it is completed. It is important to note that the light test is not the only test permitted since the code permits the authority having jurisdiction to approve other equivilant test methods .**
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. **The duct test will require an additional inspection to be performed on Type I grease ducts. While there is no direct cost for the additional inspection, there is the probability that the required inspection may add additional time to the installation of the duct work thus resulting in a fiscal impact to the installer.**
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. **N/A**

APPLICANT SIGNATURE

Signature:



Date: 4/27/09

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.