



Application for Proposed Code Amendment

Department of Consumer & Business Services

Building Codes Division

1535 Edgewater NW, Salem, Oregon

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STAFF USE ONLY	
Application no.:	
OMSC 10-02	
<input checked="" type="checkbox"/> Approved	
<input type="checkbox"/> Denied	

Rwd 5/26/09

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: May 19, 2009	
Representing: Oregon Mechanical Officials Association		Phone: (503) 691-3042	
Address (street or P.O. box): 18880 SW martinazzi		Fax: (503) 692-5421	
City: Tualatin	State: Or	ZIP: 97062	E-mail: jstelzenmueller@ci.tualatin.or.us

PROPOSED CODE LANGUAGE

This proposed code amendment (check one):

Amends (code, edition, section):

Section 511.1.1 Exception 1 and 2. OMSC

Adopts a new section (code, edition):

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**.

Proposed language: Revise as Follows:

Exceptions:

- Collectors such as "point of Use" collectors, close extraction, weld fume collectors, spray finishing booths, stationary grinding tables, sanding booths, and integrated or machine-mounted collectors ~~shall~~ **may** be permitted to be installed indoors provided the installation is in accordance with the **Oregon Fire Code explosion protection standards Table 1304.1, NFPA Standards 654 and 664 for wood dusts and agricultural dusts, the Oregon Electric Code and be approved by the Authority having Jurisdiction.**
- Collectors in the independent exhaust systems handling combustible dusts ~~shall~~ **may** be permitted to be installed indoors provided that **there are not more than three (3) independent collectors servicing not more than five (5) dust producing appliances,** that such collectors are installed in compliance with the **Oregon Fire Code Explosion Protection Standards Table 1304.1, NFPA Standards 654 and 664 for wood dusts and agricultural dusts, the Oregon Electric Code and be approved by the Authority having Jurisdiction.**



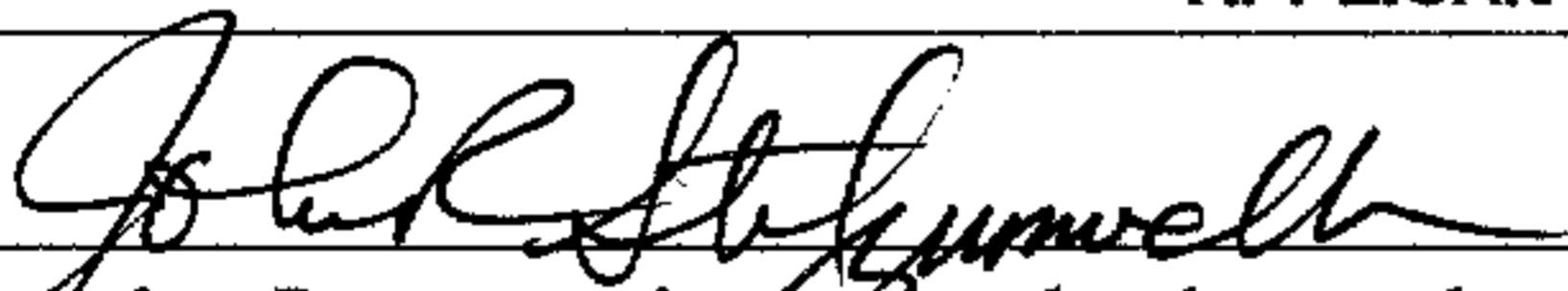
Attach to this application written responses to the following questions. If a question does not apply to your proposed code amendment, explain why the question does not apply. Use additional sheets if necessary. The division may reject an incomplete application.

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? **Yes, The application of the existing code language allows for the use of too many indoor dust collectors, which can be a contributing factor in the excessive build-up of combustible and explosive dusts.**
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, by removing or restricting the use of indoor dust collectors the potential for dust explosions in dust producing atmospheres can be minimized substantially.**
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 original intent of requiring dust collection systems to be installed outdoors was to eliminate the hazard of dust conflagrations in an occupiable space, thus eliminating or at least minimizing the risk to occupants.**
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? **Yes, in a round about way by eliminating indoor combustible dusts this change will also reduce the suspended dusts in the air, and providing a cleaner environment for the occupants.**
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. **Yes, This code change may require some dust producing manufacturing to install outdoor dust collectors if they exceed the threshold. The cost of installing an outdoor dust collection unit may exceed the cost of an independent indoor unit but by how much may be minimal.**
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:



Date: **May 19, 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.

AFTER SUBMITTAL