



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

Oregon.gov/bcd

Read the entire code amendment proposal application before completing this form. Please complete all parts before submitting your proposal and refer to the provided checklist.

APPLICANT INFORMATION

Name: Vincent Chavez	Date: 10/05/2022	
Representing (if applicable): Sewer Agencies of NW Oregon	Work phone: 503 681-4431	
Mailing address: 2550 SW Hillsboro Hwy	Cell phone: 503 896-7164	
City: Beaverton	State: OR	Zip: 97123
Email address: chavezv@cleanwaterservices.org		

PROPOSAL INFORMATION

Specialty code: Oregon Plumbing Specialty Code
Code section(s): 1014.3.2.3
Briefly explain the subject of your proposal: Installation of a two way cleanout fitting or test tee adjacent to the effluent side of any Hydromechanical grease interceptor (HGI). This will allow the grease interceptor to be inspected for FOG bypass at any given time. Some HGI don't have the ability to inspect for bypass, so this leaves the

INSTRUCTIONS AND CHECKLIST

Fill in all the information above and submit this page, signed and dated, with the required supplementary information for Parts I, II, III, and IV described on page 2 of this application. This application may be submitted by mail to the mailing address above, or by email to BCD.PTSPtech@oregon.gov.

Summary checklist for the applicant:

- Part I** Code amendment language is attached in the proper format.
- Part II** Amendment proposal requirements for amending the code have been reviewed.
- Part III** Amendment proposal criteria questions have been answered and are attached.
- Part IV** If applicable, additional ORSC energy efficiency amendment proposal information is attached.

Note: One application is required for each code section you are proposing to amend. If this proposal requires changes in other sections of the code for alignment, include those changes as part of this application.

APPLICANT SIGNATURE

Signature: Vincent T. Chavez Date: 11-5-2022

Copyright notice: By signing this Code Amendment Proposal 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 Building Codes Division. 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 Building Codes Division publication.



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PROPOSAL INFORMATION

Specialty code: Oregon Plumbing Specialty Code	
Code section(s): 1014.3.2.3	Installation of a two way cleanout fitting or test tee adjacent to the effluent side of any Hydromechanical grease interceptor (HGI). This will allow the grease interceptor to be inspected for FOG bypass at any given time. Some HGI don't have the ability to inspect for bypass, so this leaves the owners and regulatory agencies the inability to set effective maintenance schedules. Effective maintenance prevents backups in food service areas and prevents fats, oils, grease (FOG) buildup in the Public Sanitary Sewer system.
Briefly explain the subject of your proposal:	

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Supplementary Info

Part I: Code Amendment Language

1014.2 Add the following language after the Exception.

When a two-way cleanout fitting is located at the outlet end of a Hydromechanical Grease Interceptor for the purpose of periodic effluent quality inspection or sampling, it shall conform to the cleanout extension requirements in 707.4 Exceptions (4)

OR

1014.3.2.3 Add the following language

A two-way cleanout fitting shall be located at the outlet end of a Hydromechanical Grease Interceptor for the purpose of periodic effluent quality inspection or sampling, it shall conform to the cleanout extension requirements in 707.4 Exceptions (4).

Part III: Proposal

Currently Hydromechanical Grease Interceptors lack the ability to inspect for when the fats, oils, grease (**FOG**) and food solid storage capacity is full. Currently an ongoing issue is once this storage capacity is full the detrimental effects become compounding with FOG building up in the building sewer, private lateral, public sanitary sewer system, and impacts at the wastewater treatment plant (**WWTP**). This leads to backups in food service areas within the building, sanitary sewer overflows (**SSO**) with the Public's conveyance system, and increase of impact/treatment at the WWTP.

This proposal will allow the ability for management of food/beverage service establishments (**FSE**) to set effective maintenance service cycles which works to prevent chronic backup issues and preserve's food safety. Along with any cost savings to FSE owners associated with the cleanup process after a backup in the food service area. Sewer Agencies will be allowed to set and track effective frequencies in sections of public conveyance with ongoing FOG issues. This in turn will set a decline in maintenance of the Public conveyance systems as well as the decline in labor to remove areas of FOG impact at the WWTP. The addition of this language to the Oregon Plumbing Special Code (**OPSC**) pertaining to setting effective maintenance service cycles shall provide costs saving to all parties associated with the food/beverage service industry.

Supplementary Info

Implementation and Fiscal Impact

This addition would be a part of the final plumbing inspection to include confirmation that installation of a two-way cleanout fitting is adjacent to the outlet side of the Hydromechanical Grease Interceptor. There would not be any additional inspection, training, test, or special certification resources needed to facilitate this code addition.

Impacted Stakeholders and other Specialty Codes

This proposal was developed among Local Sewer Agencies within a 100-mile radius of the Portland Metro area (Portland, Salem, McMinnville, Newberg, Oak Lodge, Canby, Gresham, Wilsonville, Western Environmental Services, Clean Water Services, etc) in regard to developing effective/proactive FOG programs to reduce FOG impact to all Stakeholders.

Increased Construction Costs

Cost impacts to Construction would be the cost of the two-way cleanout fitting, small section of pipe (**bring to grade**) and any additional construction cost for installing this fitting during the construction project.