

TOPIC: Ventilation for Counter Top Dishwashing

Machines - IMC/5/#3

CODE: Mechanical Specialty Code: 2002 Edition

APPROVED: July 1, 2003 [Ray Kerridge]

REFERENCE: Section 507.2 – Mechanical Specialty Code

SUBJECT: Hood Requirements for Counter Top Dishwashing

Machines

QUESTION: Section 507.2 of the 2002 edition of the Mechanical Specialty

Code requires that a Type II hood be installed over all commercial dishwashing machines. Exception 2 to this section exempts

under-counter type commercial dishwashers from the hood

requirement. Generally, counter top commercial dishwashers use substantially less power and water than under-counter type

commercial dishwashers. The amount of steam vapor produced by counter top commercial dishwashers is therefore less than the average under-counter type commercial dishwasher. Based on this information, does the City of Portland require a Type II hood

over counter top type dishwashing machines in commercial

installations?

RESPONSE: The City will allow counter top commercial dishwashing machines

to be installed without a Type II hood when the following conditions

are met:

1. **Installation.** All counter top dishwashing machines shall be installed in accordance with manufacturer listings and installation instructions.

2. **Permits.** Mechanical, plumbing and electrical permits may be required as described below. All permits shall be obtained before the commercial dishwashing machine is installed.

 Mechanical permits. Where mechanical permits are obtained, counter top dishwashing machines shall be clearly indicated on mechanical permit applications.

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- b. **Plumbing permits.** Where installation of the commercial dishwashing machine requires separate water supply or drainage, a plumbing permit is required.
- c. **Electrical Permits**. Where installation of the commercial dishwashing machine requires separate or dedicated electrical service, an electrical permit is required.
- 3. **Maintenance Inspections.** If through fire inspections it is determined that steam produced from the equipment is causing deterioration of the structure, use of this alternate is voided and a Type II hood will be required for the equipment.

New July 1, 2003