



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.
 - a. **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.

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