

27111

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**H104.2 Sizing formula.** The size of the interceptor is determined by the following formula:

number of meals per peak hour <sup>a</sup>	x	waste flow rate <sup>b</sup>	x	retention time <sup>c</sup>	x	storage factor <sup>d</sup>	=	interceptor size (liquid capacity)
124	x	6	x	2.5	x	1.5	=	2790

a. Meals served at peak hour

**b. Waste flow rate**

- |                                |               |
|--------------------------------|---------------|
| 1. With dishwashing machine    | 6 gallon flow |
| 2. Without dishwashing machine | 5 gallon flow |
| 3. Single service kitchen      | 2 gallon flow |
| 4. Food waste disposer         | 1 gallon flow |

**c. Retention times**

- |  |           |
|--|-----------|
| Commercial kitchen waste<br>Dishwasher   | 2.5 hours |
| Single service kitchen<br>Single serving | 1.5 hours |

**d. Storage Factors**

- |                                   |   |
|-----------------------------------|---|
| Fully equipped commercial kitchen | 8 hour operation: 1<br>12 hour operation: 1.5<br>16 hour operation: 2<br>24 hour operation: 3 |
| Single service kitchen            | 1.5   |

**SECTION H105  
EFFLUENT SAMPLING**

**H105.1 General.** The code official may require an effluent sampling box on grease interceptors.

**SECTION H106  
ABANDONED GREASE INTERCEPTORS**

**H106.1 General.** Abandoned grease interceptors shall be pumped and filled as required for abandoned sewers and sewage disposal facilities.”

53. The 2006 International Plumbing Code is amended by adding Appendix I, “Private Sewage Disposal Systems,” to read as follows:

**“APPENDIX I  
PRIVATE SEWAGE DISPOSAL SYSTEMS**

**SECTION I101  
GENERAL**