

1. Amend Section 1003.2, Approval.

a. Interceptors and separators shall be designed and installed in accordance with the manufacturer's instructions and the requirements of this section based on the anticipated conditions of use. Wastes that do not require treatment or separation shall not be discharged into any interceptor or separator. No interceptor or separator shall be installed until its design, size, location and venting has been approved by the local jurisdictional code official. The local jurisdictional code official shall have the authority to require a grease interceptor to be serviced, repaired, or replaced with a larger unit when it is determined that a unit is not working or being maintained properly, the unit is damaged, or the mode of operation of the facility no longer meets the anticipated conditions of use (i.e., offensive odors, sewage backups or overflows, or when it is determined that grease is bypassing the grease interceptor and causing downstream blockages or interfering with sewage treatment).

2. Add Section 1003.2.1, Grease interceptor sizing.

a. In all instances of new construction, change of occupancy classification or use of the property, a gravity grease interceptor or hydro-mechanical grease interceptor meeting the minimum capacity as required by this Section of the Code shall be installed. The minimum required capacity (volume) of the grease interceptor shall be determined based upon the maximum number of persons served during the largest meal period. The minimum capacity shall not be less than 125 gallons below the static water level. This capacity is sufficient to hold the flow from one meal long enough to accomplish proper grease separation when serving up to 50 people during a single meal period. When over 50 people are served during a single meal period, the minimum capacity shall be increased beyond 125 gallons based upon at least an additional 2 1/2 gallons per person beginning with the 51st person served and greater.

Exception

(a). At the discretion of the local jurisdictional code official, a smaller, point of use type hydro-mechanical grease interceptor or automatic grease removal device may be permissible when:

(i). a concrete slab would have to be broken at an existing building or facility for the proper installation of a grease interceptor; or

(ii). an outside, unpaved area surrounding an existing building where a grease interceptor could be installed is available; however, it is determined that the area is located further than 75 feet from the plumbing fixtures that the grease interceptor would be servicing; or

(iii). the local jurisdictional code official determines that the installation is unfeasible such as when servicing a kitchen located on the upper floors of a multistoried building; or

(iv). the local jurisdictional code official determines that minimal fat, oil and grease will be produced or introduced into the sanitary drainage system based on the menu and mode of operation of the facility (i.e., snowball stands, sandwich shops, or other similar facilities with low grease production and which utilize single-service tableware and hollowware including forks, knives, spoons, plates, bowls, cups, and other serving dishes).

(b). In these instances, listed under the exception, the minimum required size of the hydromechanical grease interceptor; fats, oils and greases disposal system or automatic grease removal device shall be determined in accordance with the requirements of Section 1003.3.4 of this code. In no case shall a grease interceptor or automatic grease removal device be installed which has an approved rate of flow of less than 20 gallons per minute.

3. Amend Section 1003.3.4, Hydromechanical grease interceptors, fats, oils and greases disposal systems and automatic grease removal devices.

a. When specifically allowed under the exception of Section 1003.2.1 of this Code, hydromechanical grease interceptors; fats, oils, and greases disposal systems and automatic grease removal devices shall be sized in accordance with ASME A112.14.3, ASME A112.14.4, ASME A112.14.6, CSA B481.3 or PDI-G101. Hydromechanical grease interceptors; fats, oils, and grease disposal systems and automatic grease removal devices shall be designed and tested in accordance with ASME A112.14.3, ASME A112.14.4, CSA B481.1, PDI G101 or PDI G102. Hydromechanical grease interceptors; fats, oils, and greases disposal systems and automatic grease removal devices shall be installed in accordance with the manufacturer's instructions. Where manufacturer's instructions are not provided, Hydromechanical grease interceptors; fats, oils, and greases disposal systems and automatic grease removal devices shall be installed in compliance with ASME A112.14.3, ASME A112.14.4, ASME A112.14.6, CSA B481.3 or PDI-G101.

4. Amend Section 1003.3.46, Gravity Grease Interceptors/grease traps.

a. Gravity grease interceptors shall comply with the requirements of Sections 1003.3.46.1 through 1003.3.46.8 and shall be sized in accordance with Section 1003.2.1 of this code.

5. Add Section 1003.3.6.1, Indoor Installations.

a. If a gravity grease interceptor must be installed within an enclosed building, any access covers shall be gasketed to prevent the intrusion of odors into the building.

6. Add Section 1003.3.6.2, Distance.

a. The grease interceptor shall be placed as close the plumbing fixture(s) discharging greasy waste as possible, but preferably on the outside of the building when feasible.

7. Add Section 1003.3.6.3, Outlet Pipe.

a. The minimum diameter of the outlet pipe shall not be less than 4 inches. The invert of the gravity grease interceptor outlet opening (i.e., lowest portion of the outlet pipe where it draws waste near the bottom of the grease interceptor), shall be located at a maximum of 6 inches and a minimum of 4 inches from the floor of the grease interceptor. This requirement also applies to any intermediate outlets in multi-compartment gravity grease interceptors.

8. Add Section 1003.3.6.4, Air Space.

a. A minimum of one foot of air space shall be provided above the static water level

9. Add Section 1003.3.6.5, Venting.

a. A gravity grease interceptor outlet shall be properly vented in accordance with this section to prevent it from siphoning itself out. Any internally vented outlet line shall have the vent terminal extended to within 2 inches of the bottom of the access cover to prevent grease from escaping the gravity grease interceptor through the open vent terminal. For those gravity grease interceptors having a gasketed cover, the gravity grease interceptor outlet line shall not be allowed to be internally vented. In this case, the outlet line itself shall be vented with a minimum 2-inch vent pipe installed in accordance with Chapter 9 of this code.

10. Add Section 1003.3.6.6, Water Seal.

a. On un baffled single compartment gravity grease interceptor shall be provided by an easily removable cover above an access opening for proper maintenance. Additional access opening/covers shall be provided as necessary to provide accessibility to each compartment in multi-compartment or multi-baffled arrangements as well as access to both the inlet and outlet. Access opening covers shall be above or at grade (G) to provide ready accessibility. Each access cover shall be designed so that it cannot slide, rotate, or flip when properly installed in order that the opening is not unintentionally exposed. Especially for lightweight covers, mechanical fasteners are recommended to augment the safety of and ensure positive closure of the cover.

13. Amend Section 1003.10, Access and Maintenance of Interceptors and Separators.

a. Access shall be provided to each interceptor and separator for service and maintenance. A two-way cleanout shall be provided on the discharge waste line immediately downstream of all interceptors and separators. Interceptors and separators shall be maintained by periodic removal of accumulated grease, scum, oil, or other floating substances and solids deposited in the interceptor or separator.