

SECTION 01220

GREASE TRAPS/OIL AND SAND INTERCEPTOR

PART I - GENERAL

1.0 APPLICABLE STANDARDS

- 1.1 All products, installation and testing shall meet the requirements of Regulation 61-67, Standards for Wastewater Facility Construction.
- 1.2 All products, installation and testing shall meet the requirements of "Recommended Standards for Wastewater Facilities" (Ten State Standards), latest edition.

PART II - SUMMARY

2.0 Summary:

- 2.1 The following section provides guidelines and regulations for the installation and maintenance of grease, oil and sand interceptors.
- 2.2 The Commission intends to eliminate the discharge of fats, oils and grease into the Commission's sanitary sewer system.

PART III - DEFINITIONS

3.0 Definitions:

- 3.1 **Commission** – Joint Municipal Water and Sewer Commission
- 3.2 **Building Sewer** – Plumbing system maintained by private persons for the purpose of conveying wastewater to the public sewer system.
- 3.3 **Grease** – A material composed of fatty matter from animal or vegetable sources or hydrocarbons of petroleum origins.
- 3.4 **Grease Trap** – A device for separating and retaining waterborne greases from entering the Commission's Sanitary Sewer System. These devices also serve to collect settleable solids, generated by and from food preparation activities and to prevent them from entering the sanitary sewer collection and treatment system.
- 3.5 **Owner** – The person and/or organization which has possession of said facility and/or project.
- 3.6 **Plans** – The official working drawings for the construction of a facility.
- 3.7 **Restaurant** – Any place permitted by the South Carolina Department of Health and Environmental Control for the purposes of food preparation.

- 3.8 **Vehicle Maintenance Facility** – Any commercial or industrial facility where automobiles, trucks or equipment are serviced or maintained, including garages, service stations, repair shops, oil and lubrication shops, or similar establishments.

PART IV - SUBMITTALS

4.0 Submittals:

- 4.1 Manufacturer's product data for grease, oil and sand interceptors to be installed.
- 4.2 Record drawings of the installed system showing the location and size of installed structures.

PART V - EXECUTION

5.0 Execution:

5.1 Installation –

- (a) All restaurants shall be equipped with a properly sized and functioning grease trap.
- (b) All vehicle maintenance facilities shall be equipped with a properly sized and functioning oil and sand interceptor.

5.2 **Maintenance** - The owner is responsible for the operation and maintenance of the grease trap and interceptor. Servicing frequency is site-specific and is dependent on the amount of oil and grease and suspended solids generated at each operation and the size of the grease trap or interceptor. In no case shall the frequency of cleaning be less than once every 90 days. The volumes of greases and solids must not exceed the designed storage capacity of the unit. All grease traps and interceptors shall be cleaned by a properly licensed cleaning and disposal operation as permitted by SCDHEC. Records of the maintenance and cleaning of these devices shall be maintained at the place of business and shall be available for review by request of the Commission.

5.3 **Inspections** - The Commission at its discretion will complete periodic inspections of a facilities interceptor. Copies of maintenance logs and or the most recent maintenance reports shall be available at the time of inspection or provided to the Commission within 48 hours of the inspection. Failure to provide this information to the Commission will deem the facility to be out of compliance. An interceptor is deemed to be out of compliance where there is visible evidence of grease passing through the interceptor or where the total volume of grease and solids in either compartment exceeds 25% of the volume of that compartment. Any interceptor that has not been cleaned within 90 days is deemed to be out of compliance.

- 5.4 **Enforcement** – Should a facility be found out of compliance at the initial inspection then they will be provided notice giving them fourteen (14) days to get into compliance. After fourteen days a follow-up inspection will be performed to check for compliance. If a facility is found to be out of compliance at the second inspection, then the facility will be given written notice by certified mail giving them seven (7) days to get into compliance. If a facility remains out of compliance after the seven day period then a \$50 per day penalty will be assessed to the customer's account. This fee will be assessed until such time that the Commission is provided with proof that the interceptor has been cleaned.

END OF SECTION