

GENERAL NOTES:

1. FOG REMOVAL AND OIL SEPARATORS SHALL BE REQUIRED TO PREVENT THE DISCHARGE OF OIL, GREASE, SAND AND OTHER SUBSTANCES HARMFUL TO A PUBLIC SEWER SYSTEM OR TREATMENT PLANT.
2. GREASE REMOVAL DEVICES AND OIL SEPARATORS SHALL MEET THE REQUIREMENTS OF BOTH THE TOWN OF EASTON APPROVED PLUMBING CODE AND EATON UTILITIES REQUIREMENTS. EXAMPLES OF LOCATIONS REQUIRING GREASE REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO RESTAURANTS, HOSPITALS, COMMERCIAL/INDUSTRIAL KITCHENS, BARS, CLUBS, ICE CREAM PARLORS, COFFEE SHOPS, ETC.
3. THE TEMPERATURE OF WATER ENTERING A GREASE REMOVAL DEVICE SHALL BE LESS THAN 125°F.
4. TYPES OF GREASE REMOVAL DEVICES:

HYDROMECHANICAL GREASE TRAP

- MAY BE INSTALLED INSIDE OF A FACILITY.
- FLOW RESTRICTIONS ARE REQUIRED TO PREVENT FLOW THROUGH THE DEVICE FROM EXCEEDING THE RATED CAPACITY.
- EASTON UTILITIES LIMITS FLOW TO 50 GPM OR 40 SEATS OR 40 MEALS PER WEEK.

GRAVITY GREASE INTERCEPTORS

- MAY BE INSTALLED OUTSIDE OF A FACILITY UPSTREAM OF SANITARY WASTE DRAINLINES.
- MINIMUM CAPACITY SHALL BE 500 GALLONS.
- SHALL BE USED ON FLOWS GREATER THAN 50 GPM OR 40 SEATS OR 40 MEALS PER WEEK.

AUTOMATIC GREASE RECOVERY DEVICE

- MAY BE INSTALLED INSIDE OF A FACILITY.
- SHALL BE USED ON FLOWS GREATER THAN 50 GPM OR 40 SEATS OR 40 MEALS PER WEEK.

5. FACILITY OPERATOR SHALL SUPPLY 3rd PARTY GREASE REMOVAL CONTRACT TO EASTON UTILITIES.
6. GREASE INTERCEPTORS SHALL BE SIZED UTILIZING THE FOLLOWING CALCULATIONS:

SIZING CALCULATION FOR RESTAURANTS:

CAPACITY (GALLONS) $S \times GS \times (HR/12) \times LF$

S = NUMBER OF SEATS IN DINNING AREA

GS = GALLONS OF WASTE PER SEAT (25 GALLONS/SEAT)

HR = NUMBER OF HOURS OPEN

LF = LOADING FACTOR - 2.0 HIGHWAY
 - 1.25 RECREATIONAL AREA
 - 1.0 ALL OTHER AREAS

SIZING CALCULATION FOR COMMERCIAL KITCHENS:




CAPACITY (GALLONS) $M \times GM \times LF$

M = MEALS PER DAY

GM = GALLONS PER MEAL (5 GALLONS)

LF = LOADING FACTOR - 1.25 WITH DISHWASHER
 - 0.75 WITHOUT DISHWASHER

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 Life. Made better.™	APPROVAL	REVISED	EASTON UTILITIES STANDARD DETAILS FOG DESIGN (FATS, OILS & GREASE)
	 EU ENGINEERING DEPARTMENT		
	 DATE		
	ISSUED: JANUARY 2024		
		STANDARD NO.: SS-103.1	