

# FTMSA Grease Interceptor Sizing Worksheet

**Business Name**

**Business Address**

**Date**

**Contact Title**

**Phone #**

**Calculated by**

Meals per Peak Hour	Waste Flow Rate	Retention Time	Storage Factor	Calculated Interceptor Size, Gallons	Grease Interceptor Gallons				
<input style="width: 60px; height: 20px;" type="text"/>	X	<input style="width: 60px; height: 20px;" type="text"/>	X	<input style="width: 60px; height: 20px;" type="text"/>	=	<input style="width: 60px; height: 20px;" type="text"/>	=	<input style="width: 60px; height: 20px;" type="text"/>	
<b>Step 1</b>		<b>Step 2</b>		<b>Step 3</b>		<b>Step 4</b>		<b>Step 5</b>	<b>Step 6</b>

**Number of Meals Per Peak Hour (EPA Recommended Formula):**

Seating Capacity	Meal Factor	Meals per Peak Hour
<input style="width: 60px; height: 20px;" type="text"/>	X	<input style="width: 60px; height: 20px;" type="text"/>
<b>Step 1</b>		<input style="width: 60px; height: 20px;" type="text"/>

  

<b><u>Establishment Type:</u></b>	<b><u>Meal Factor</u></b>
Fast Food (45min)	1.33
Restaurant (60min)	1.00
Leisure Dining (90min)	0.67
Dinner Club (120min)	0.50

<b>Step 2</b>	<b><u>Waste Flow Rate (condition):</u></b>	<b>Flow Rate</b>
	With a Dishwashing Machine	6 Gallons
	Without a Dishwashing Machine	5 Gallons
	Single Service Kitchen	2 Gallons

<b>Step 3</b>	<b><u>Kitchen Type (Retention Time)</u></b>	
	Commercial Kitchen	2.5 Hours
	Single Service Kitchen	1.5 Hours

<b>Step 4</b>	<b><u>Storage Factor</u></b>	<b>Storage Factor</b>
	Hours of Operation	
	8 Hours	1.00
	12Hours	1.50
	16 Hours	2.00
	24 Hours	3.00

**Step 5**    **Calculated Interceptor Size**  
 Multiply the values obtained from step 1,2,3,4. This result is the “approximate” grease interceptor size for this application.

**Step 6**    FTMSA will approve the final size of all grease interceptors.