

**GREASE/GRIT REDUCTION DEVICE (GRD)
SIZING WORKSHEET
(Food Service Establishment)**

DATE _____

<u>COMPANY</u>	<u>PROJECT</u>	<u>LOCATION</u>	<u>CALCULATED BY</u>																																								
FOLLOW THESE STEPS TO DETERMINE GRD SIZE																																											
Determine the type of fixtures present, and then count the number of each fixture type Step 1	→	Total up the Fixture Units from Step 1 Step 2	→																																								
		Calculate the minimum tank size (gal) Step 3	→																																								
		Choose the next larger standard size tank Step 4	=																																								
			Required Size and # of Compartments Required																																								
1	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Dishwasher</td> <td style="width: 10%;">Y / N</td> <td style="width: 20%;">How Many = _____</td> <td style="width: 10%;">x</td> <td style="width: 20%;">8 Fix. Units = _____</td> </tr> <tr> <td>Grease hood</td> <td>Y / N</td> <td>How Many = _____</td> <td>x</td> <td>3 Fix. Units = _____</td> </tr> <tr> <td>Floor Trough</td> <td>Y / N</td> <td>How Many = _____</td> <td>x</td> <td>4 Fix. Units = _____</td> </tr> <tr> <td>Mop Sink</td> <td>Y / N</td> <td>How Many = _____</td> <td>x</td> <td>3 Fix. Units = _____</td> </tr> <tr> <td>3 Comp Sink</td> <td>Y / N</td> <td>How Many = _____</td> <td>x</td> <td>4 Fix. Units = _____</td> </tr> <tr> <td>Floor Drains</td> <td>Y / N</td> <td colspan="2">If yes, count as 2 Fix. Units</td> <td>= _____</td> </tr> <tr> <td>Large Sink/Disposal</td> <td>Y / N</td> <td>How Many = _____</td> <td>x</td> <td>4 Fix. Units = _____</td> </tr> <tr> <td>Small/Hand Sink</td> <td>Y / N</td> <td>How Many = _____</td> <td>x</td> <td>2 Fix. Units = _____</td> </tr> </table>			Dishwasher	Y / N	How Many = _____	x	8 Fix. Units = _____	Grease hood	Y / N	How Many = _____	x	3 Fix. Units = _____	Floor Trough	Y / N	How Many = _____	x	4 Fix. Units = _____	Mop Sink	Y / N	How Many = _____	x	3 Fix. Units = _____	3 Comp Sink	Y / N	How Many = _____	x	4 Fix. Units = _____	Floor Drains	Y / N	If yes, count as 2 Fix. Units		= _____	Large Sink/Disposal	Y / N	How Many = _____	x	4 Fix. Units = _____	Small/Hand Sink	Y / N	How Many = _____	x	2 Fix. Units = _____
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2	TOTAL OF FIXTURE UNITS PER #1: _____																																										
3	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;"> Total Fixture Units _____ </td> <td style="width: 5%; text-align: center;">x</td> <td style="width: 25%; text-align: center;"> 3 gal/min _____ </td> <td style="width: 5%; text-align: center;">x</td> <td style="width: 25%; text-align: center;"> Retention Time (min) _____ </td> <td style="width: 5%; text-align: center;">=</td> <td style="width: 20%; text-align: center;"> Minimum Tank Size (gal) _____ </td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">3</td> <td></td> <td style="text-align: center;">20</td> <td></td> <td></td> </tr> </table>			Total Fixture Units _____	x	3 gal/min _____	x	Retention Time (min) _____	=	Minimum Tank Size (gal) _____			3		20																												
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		3		20																																							
4	Next Standard Size Larger than the Minimum Required = _____ Gallons Sizing is based on a two-compartment (minimum) gravity type separator A hydro-mechanical GRD is sized according to capacity and inflow rate; this sheet does not apply																																										
5	Permit Documents: Provide site plan to recognized scale showing location Provide completed plumbing permit application & fees Provide contractor acknowledgement sheet Provide manufacture's information on interceptor Done 																																										