

# Vehicle Maintenance & Repair Facilities Oil and Grit Sizing Worksheet



**Business Name**

**Business Address**

**Date**

**Contact Name and Title**

**Phone #**

**Calculate by**

**STEP 1**

**Total Number of square feet in the operation (garage/maintenance) area**  square feet  
 (If area is  $\leq 100 \text{ ft}^2$  a 50 gal grit trap/oil separator is required. Move to step 2 if  $> 100\text{ft}^2$ )

**STEP 2**

All facilities  $> 100 \text{ sq. feet}$  will use the following calculation. Place total  $\text{ft}^2$  from step 1 in equation and solve

$$\frac{(\text{ft}^2 - 100)(7.5)}{100} = \text{  gallons}$$

**STEP 3**

Insert answer from Step 2 in "variable" box and solve equation

	Constant		Variable		Calculated Size
Calculation	<input type="text" value="50"/>	+	<input type="text" value="STEP 2"/>	=	<input type="text"/>

**STEP 4**

**Please submit sizing worksheet to NHTMA for approval.**

All separators must comply with PA UCC code as adopted by North Huntingdon Township.

**Size approved by NHTMA**

gallons

\* To be filled by NHTMA

**Note:** Vehicle maintenance and repair shops which include a floor drain in its areas of operation are required to design, install and maintain a grit trap/oil separator, with a minimum capacity of 50 gallons for the first 100 square feet of area to be drained, plus 1 cu. Ft. (7.5 gallons) for each additional 100 sq. feet of area to be drained into the separator. An effluent sampling manhole shall be required. Design and installation must be approved by NHTMA.