



Sand/Oil Interceptor Sizing Form

Business Name: _____

Business _____

Location: _____

Step 1. Determine total square footage of the facility that drains to the Sand/Oil Interceptor:

A. Total Square Footage:	
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Step 2. Select Capacity Factor (from Section 2.7.B.1):

Type of Facility	Treatment Capacity (per cubic foot) of Sand/Oil Interceptor
Car Wash, Trucks or Heavy Equipment	15 ft. ²
Car wash, Automatic Bay or Conveyor	50 ft. ²
Car Wash, Hand Held Spray	75 ft. ²
Automotive Shop or Machine Shop	100 ft. ²
Parking Garage	4,000 ft. ²

B. Selected Capacity Factor:	
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Step 3. Calculate Minimum Volume of Sand/Oil Interceptor:

Formula: $\frac{A \times \text{Conversion Factor (ft.}^3 \text{ to gallons)}}{B} = \text{Minimum Volume (gal)}$

A. Total Square Footage	Conversion Factor	B. Selected Capacity Factor	Minimum Volume (gal)*
	7.481		

*The minimum liquid capacity for a Sand/Oil Interceptor shall not be less than 6 ft.³ or 45 gallons.