



OLYMPIC REGION CLEAN AIR AGENCY
 2940 B Limited Lane NW - Olympia, Washington 98502
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www.orcaa.org

FORM 17

Fill out all the applicable equipment information requested below and submit the appropriate fees.

Abrasive Blasting

Shop Information

Business Name:	Contact Person:
	Phone Number:
	Email:
Operating Schedule: hrs/day, days/wk, wks/yr	Indicate days when operating: M T W Thu F Sat Sun

Blasting Operation Information

Type:	<input type="checkbox"/> Existing Stationary Source	<input type="checkbox"/> Temporary Source	<input type="checkbox"/> New Stationary Source
NAICS Code(s):			

Blasting Information

Type:	<input type="checkbox"/> Hydro-blasting	<input type="checkbox"/> Wet-abrasive	<input type="checkbox"/> Other (explain in attachment)
	<input type="checkbox"/> Vacuum-blasting	<input type="checkbox"/> Bead/Micro-abrasive	
	<input type="checkbox"/> Centrifugal-blasting	<input type="checkbox"/> Bristle/Brush	
Equipment Type:	<input type="checkbox"/> Portable System (gravity fed or pressurized)	<input type="checkbox"/> Tumble Blaster	<input type="checkbox"/> Cabinet Blaster
		<input type="checkbox"/> Vacuum Blaster	<input type="checkbox"/> Other (explain in attachment)
Dust Control Methods:	<input type="checkbox"/> Enclosure (i.e. Tent, Room, Booth or Cabinet)	<input type="checkbox"/> Water Curtains	<input type="checkbox"/> Other (explain in attachment)
		<input type="checkbox"/> Drapes	
Exhausts to Outdoors:	<input type="checkbox"/> Yes, fill out exhaust information <input type="checkbox"/> No		

Enclosure Information

Type:	<input type="checkbox"/> Fully enclosed	<input type="checkbox"/> Closed top open front (CTOF)				
	<input type="checkbox"/> Open table/bench	<input type="checkbox"/> Other (explain in attachment)				
Exhaust:	<input type="checkbox"/> Side Wall	<input type="checkbox"/> Pit/Trench Design	<input type="checkbox"/> Ceiling	<input type="checkbox"/> Rear Wall	<input type="checkbox"/> Front/Doors	<input type="checkbox"/> Ducting
Width (feet):		Length (feet):		Height (feet):		
Manufacturer:						
Model Number:						
Serial Number:						
Pressure Gauge:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Filter Plenum:	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Air Pollution Control Methods:	<input type="checkbox"/> Water Wash	<input type="checkbox"/> Cyclone (Form 13)	<input type="checkbox"/> Portable Dust Collector			
	<input type="checkbox"/> Cartridge Unit (Form 12)	<input type="checkbox"/> Baghouse (Form 12)	<input type="checkbox"/> Other (explain in attachment)			

Blasting Media Information

Type:	<input type="checkbox"/> Glass Beads	<input type="checkbox"/> Garnet	<input type="checkbox"/> Copper Slag
	<input type="checkbox"/> Cut Plastic	<input type="checkbox"/> Silica Sand	<input type="checkbox"/> Coal Slag
Heavy Metal and Silica Composition (if applicable):	<input type="checkbox"/> Aluminum Oxide	<input type="checkbox"/> Crushed Glass	<input type="checkbox"/> Staurolite
	<input type="checkbox"/> Crushed Nutshells	<input type="checkbox"/> Steel Shot/Grit	<input type="checkbox"/> Other (explain in attachment)
	<input type="checkbox"/> Cast Iron	<input type="checkbox"/> Nickel Slag	
	Trace Elements		Total Concentration (%)
	<input type="checkbox"/> Antimony (Sb)		
	<input type="checkbox"/> Arsenic (As)		
	<input type="checkbox"/> Barium (Ba)		
	<input type="checkbox"/> Beryllium (Be)		
	<input type="checkbox"/> Cadmium (Cd)		
	<input type="checkbox"/> Chromium (Cr)		
	<input type="checkbox"/> Copper (Cu)		
	<input type="checkbox"/> Lead (Pb)		
	<input type="checkbox"/> Mercury (Hg)		
	<input type="checkbox"/> Nickel (Ni)		
<input type="checkbox"/> Selenium (Se)			
<input type="checkbox"/> Silver (Ag)			
<input type="checkbox"/> Thallium (Tl)			
<input type="checkbox"/> Zinc (Zn)			
<input type="checkbox"/> Respirable Silica (CAS# 7631-86-9)			
Media Storage:	<input type="checkbox"/> Bags/Sacks	<input type="checkbox"/> Enclosed Building	<input type="checkbox"/> Hopper/Silo
Waste Handling Methods:			

Base Material Information

Type:	<input type="checkbox"/> Galvanized Steel	<input type="checkbox"/> Copper Alloys	<input type="checkbox"/> Other (explain in attachment)
	<input type="checkbox"/> Stainless Steel	<input type="checkbox"/> Nickel Alloys	
	<input type="checkbox"/> Aluminum	<input type="checkbox"/> Glass	
Surface Coatings:	<input type="checkbox"/> Anticorrosive	<input type="checkbox"/> Antifouling	<input type="checkbox"/> Other (explain in attachment)
	<input type="checkbox"/> Shop primers	<input type="checkbox"/> Metal-based	
SAE Steel Grade(s):			
Heavy Metal Composition (if applicable):	Trace Elements		Total Concentration (%)
	<input type="checkbox"/> Antimony (Sb)		
	<input type="checkbox"/> Arsenic (As)		
	<input type="checkbox"/> Barium (Ba)		
	<input type="checkbox"/> Beryllium (Be)		
	<input type="checkbox"/> Cadmium (Cd)		
	<input type="checkbox"/> Chromium (Cr)		
	<input type="checkbox"/> Copper (Cu)		
	<input type="checkbox"/> Lead (Pb)		
	<input type="checkbox"/> Mercury (Hg)		
	<input type="checkbox"/> Nickel (Ni)		
	<input type="checkbox"/> Selenium (Se)		
	<input type="checkbox"/> Silver (Ag)		
	<input type="checkbox"/> Thallium (Tl)		
<input type="checkbox"/> Zinc (Zn)			

Dry Filter Information

	Pre-Filter	Exhaust Filter
Manufacturer:		
Model:		
Media Type:		
Overall Arrest Efficiency (%):		
Filtered Area (squared feet):		

Exhaust/Stack/Building Information

Motor Power (hp):		
Exhaust Air Flow Rate at 0.65" w.g. (acfm):		
Fan Diameter (feet):		
Stack Height (feet from ground):		
Stack Inside Diameter (inches):		
Stack weatherproof damper or exhaust apparatus**:	<input type="checkbox"/> None <input type="checkbox"/> Hexagonal <input type="checkbox"/> Stack within stack	<input type="checkbox"/> Butterfly <input type="checkbox"/> Inverted cone <input type="checkbox"/> Other (explain in attachment)
Bldg. Peak Height (feet):		
Bldg. Width (feet):		
Bldg. Length (feet)		

**See back of form for information on ORCAA-approved stack equipment

Portable System Information

Non-electric Air Heater:	<input type="checkbox"/> Yes (Form 11) <input type="checkbox"/> No
Non-electric Air Compressor:	<input type="checkbox"/> Yes (Form 11) <input type="checkbox"/> No

Air Quality Modeling Site Information

Distance from the centroid of the stack to the shop's property line (feet):	
Distance from the centroid of the stack to the nearest point on the property line of a permanent residence (feet):	

Material Usage Information

Provide the following information and attach copies of Material Safety Data Sheets (MSDS) for any material used including, but not limited to blasting media, base material and surface coatings, which contain toxic air pollutants. Use additional pages if necessary.	
NAME OF MATERIAL (as on MSDS):	ESTIMATED ANNUAL USAGE (in gallons or lbs):

RETURN TO ORCAA