MENDOCINO COUNTY AIR QUALITY MANAGEMENT DISTRICT
1100A HASTINGS ROAD, UKIAH, CA 95482
PHONE: (707) 463-4354 mcaqmd@mendocinocounty.gov www.mendoair.org

AIR QUALITY APPLICATION FORM
6-1 Abrasive Blasting

Facility Name:		Facility #	
Application #		Previous Permit #	

Section I REASON for APPLICATION

☐ Existing Equipment	☐ New Process at Existing Facility	☐ Registration of Equipment
☐ New Facility	☐ Modification of Existing Process/Equipment	☐ Expedited Permit Request (Additional Fees Apply)
☐ Transfer of Location	☐ Transfer of Ownership	Date of Transfer
Description of Project:		
Estimated Construction Starting Date:		Completion Date:

Section II EQUIPMENT or PROCESS DESCRIPTION

Equipment or Process Name: **ABRASIVE BLASTING**

Describe Process (Include Process Flow Diagram):

Describe Associated Processes (Separate Applications may be required i.e. Coating Application, Drying, IC Engine, etc.):

Maximum hourly daily and monthly, production rates and raw material usage rates.

	Hourly		Daily		Monthly		Material Usage Rate
Estimated Annual Material Processed (Bd/Ft, Tons/Yr, CYs/Yr, Gallons, Hrs./Yr., etc.).							
Operation Schedule:		Hrs./Day		Days/Week			Weeks/Year

Section III FACILITY LOCATION

☐ Residential	☐ Commercial	☐ Residential/Commercial	☐ Light Industrial	☐ Heavy Industrial

Distance of Emissions Source to Property Line (In Feet)

Section IV AUTHORIZED FACILITY REPRESENTATIVE & CONTACT INFORMATION

		District Use Only:
Signature of Business Owner or Authorized Representative ↑	Date ↑	
Name (Please Print) ↑	Title ↑	
Contact Person Regarding Application ↑		
Primary Contact Telephone # ↑	Email↑	

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Section V — EQUIPMENT INFORMATION List all equipment that produces air emissions

Equipment or Process name:	**ABRASIVE BLASTING**					
Make:		Model:				
Serial Number:		Horsepower:		Btu/Hr.:		
Power Source:	☐ Electric	☐ Diesel	☐ Natural Gas	☐ Propane	☐ Other:	
Production Rate:		Lbs. per day/hour:		☐ Portable	☐ Stationary	

Equipment or Process name:	**Abrasive Blasting**					
Make:		Model:				
Serial Number:		Horsepower:		Btu/Hr.:		
Power Source:	☐ Electric	☐ Diesel	☐ Natural Gas	☐ Propane	☐ Other:	
Production Rate:		Lbs. per day/hour:		☐ Portable	☐ Stationary	

Equipment Description:	**Compressor**					
Make:		Model:				
Serial Number:		Horsepower:		Btu/Hr.:		
Power Source:	☐ Electric	☐ Diesel	☐ Natural Gas	☐ Propane	☐ Other:	
Production Rate:		Lbs. per day/hour:		☐ Portable	☐ Stationary	

Equipment Description:	**Compressor**					
Make:		Model:				
Serial Number:		Horsepower:		Btu/Hr.:		
Power Source:	☐ Electric	☐ Diesel	☐ Natural Gas	☐ Propane	☐ Other:	
Production Rate:		Lbs. per day/hour:		☐ Portable	☐ Stationary	

Section VI — OTHER EQUIPMENT INFORMATION

Equipment Description:						
Make:		Model:				
Serial Number:		Horsepower:		Btu/Hr.:		
Power Source:	☐ Electric	☐ Diesel	☐ Natural Gas	☐ Propane	☐ Other:	

Section VII — ABRASIVE INFORMATION

Type of Abrasive Used						
CARB approved?	☐ Yes	☐ No	Abrasive Method Used:	☐ Dry	☐ Wet	☐ Both
Is the Abrasive Blasting Unit Portable?			☐ Yes	☐ No		

Type of Abrasive Used						
CARB approved?	☐ Yes	☐ No	Abrasive Method Used:	☐ Dry	☐ Wet	☐ Both
Is the Abrasive Blasting Unit Portable?			☐ Yes	☐ No		

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Section VIII CHEMICAL APPLICATION and STORAGE INFORMATION

Product Identification: (Include MSDS)					
Method of Application:		Application Rate:			
Applicator Mfg.:		Model:			
Serial Number:		Storage Tank Size:			
Power Source: ☐ Electric	☐ Diesel	☐ Natural Gas	☐ Propane	☐ Other	
Product Identification: (Include MSDS)					
Method of Application:		Application Rate:			
Applicator Mfg.:		Model:			
Serial Number:		Storage Tank Size:			
Power Source: ☐ Electric	☐ Diesel	☐ Natural Gas	☐ Propane	☐ Other	

Section IX AIR POLLUTION CONTROL (abatement) DEVICE INFORMATION

Type of Control Device: (include diagram)					
☐ Metal Container	☐ Wood Structure	☐ Water Spray	☐ Other		
Mfg:		Make:		Model:	
Maximum Designed Capacity: (Cfm)					
Air Flow Rate:		Pipeline Diameter:		Blower Hp:	
Type of Control Device: (include diagram)					
☐ Metal Container	☐ Wood Structure	☐ Water Spray	☐ Other		
Mfg:		Make:		Model:	
Maximum Designed Capacity: (Cfm)					
Air Flow Rate:		Pipeline Diameter:		Blower Hp:	

Section X FUGITIVE EMISSIONS CONTROL METHODS

- Provide estimates of pollutant concentrations and mass emission rates from Mfg. Data sheet, if available.
- Describe any combustion modifications or control devices used to reduce NOx emissions and state the estimated reduction.
- Use appropriate units, e.g. grams/brake horsepower, lbs./gal etc.

Description:

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Section XI FACILITY AND PROCESS FLOW DIAGRAM

Indicate adjacent buildings and streets on facility drawings. Include all associated processes or process flow diagrams.

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