**Mendocino County**
**Air Quality Management District**

306 East Gobbi Street
Ukiah, California 95482
(707) 463-4354 Fax: 463-5707
mcaqmd@mendocinocounty.org
www.mendoair.org

# AIR QUALITY APPLICATION FORM # 6-1 Page 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, Cu.Yds/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**

Signature of Business Owner or Authorized Representative ↑ Date ↑

Name (Please Print) ↑ Title ↑

Contact Person Regarding Application ↑

Primary Contact Telephone # ↑ Email ↑

***District Receipt Stamp:***

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# Air Quality Management District

## AIR QUALITY APPLICATION FORM # 6-1 Page 2
## Abrasive Blasting

| | | | |
|---|---|---|---|
| Facility # : | | Application # | |

**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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# AIR QUALITY APPLICATION FORM # 6-1 Page 3
## Abrasive Blasting

| | | | |
|---|---|---|---|
| Facility # : | | Application # | |

**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 METHOD of CONTROL of FUGITIVE EMISSIONS**

- 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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## AIR QUALITY APPLICATION FORM # 6-1 Page 4
## Abrasive Blasting

Facility # : Application #

Section XI FACILITY AND PROCESS FLOW DIAGRAM

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

N↑