

## NON-METALLIC MINERAL PROCESSING APPLICATION FOR PERMIT TO CONSTRUCT

New and modifying sources must obtain a Permit to Construct before beginning actual construction. Be sure to review the following instructions prior to completing this application. **More detailed instructions can be found on Page 10.**

### APPLICATION INSTRUCTIONS

- The application must be filled out completely for all items that are applicable, except where noted as optional. A site map, process flow diagram, specification sheets for each emissions unit (EU), and a PTE/Emissions Inventory Spreadsheet must be attached as supplemental documents. Mapping instructions, a process flow diagram example, and the PTE/Emissions Inventory Spreadsheet can be found at [OurCleanAir.com](http://OurCleanAir.com), under “Forms and Applications”. All required supplemental documents must be attached for the application to be deemed complete.
- The application must be signed by the Responsible Official. Responsible Official is defined as: (DBOH 030.010.A)
  - a. For a corporation:
    - 1) A President;
    - 2) A Vice President in charge of a principal business function;
    - 3) A Corporate Secretary;
    - 4) A Treasurer; or
    - 5) An authorized representative of such a person who is responsible for the overall operation of the facility and who is designated in writing by an officer of the corporation and approved in advance by the Control Officer.
  - b. For a partnership or sole proprietorship, a general partner or the proprietor, respectively.
  - c. For a municipality or a state, federal or other public agency, a ranking elected official or a principal executive officer, including, for a federal agency, a chief executive officer who has responsibility for the overall operations of a principal geographic unit of the agency.
- An electronic copy of the application and supporting documentation should be emailed to [AQMDPermitting@nnph.org](mailto:AQMDPermitting@nnph.org), and the original application with a wet-ink signature and payment should be hand delivered to the [AQMD drop box](#), or mailed to:  
NNPH, AQMD  
1001 E. Ninth Street, Suite B171  
Reno, NV 89512
- **Use the checklist on Page 4** to ensure that all the required information is included in your application. Include the checklist as a supplemental document with your application.

## **PORTABLE SOURCES**

A *Portable Source Permit Move Notification* must be submitted to the AQMD prior to relocating portable equipment. This includes relocating the equipment to storage or back to a rental company.

- A portable source may not operate in a single location for more than twelve (12) months, following the date of initial startup. The equipment may not be moved, then returned to the same location, in an attempt to circumvent the time requirement.
- A Visible Emissions Observation (VEO) must be conducted by an individual with a current EPA Method 9 certification where any crushing operations occur.
  - The AQMD must be notified at least seven (7) days in advance of the scheduled VEO observation. Notifications shall be emailed to [AQMDCompliance@nnph.org](mailto:AQMDCompliance@nnph.org).
  - The VEO report shall be submitted to [AQMDCompliance@nnph.org](mailto:AQMDCompliance@nnph.org) within ten (10) days of the observation. The current EPA Method 9 certification for the individual that completed the observation must be included with the report.

## **FEES AND PAYMENTS**

- The AQMD will not process the application until the **Application Intake/Applicability Determination Fee** has been paid. Prior to issuance of the Permit to Construct, the facility will be invoiced any remaining permit issuance fees (i.e., BSC Analysis, PTC Issuance). The Air Quality Management Division fee schedule can be found here: <https://www.nnph.org/resources/fees/air-quality-management-fees.php>
- All outstanding invoices for the facility and associated with the parent company of the facility must be paid in full; otherwise, the AQMD will not issue the facility any permits. This includes the invoice for the permit fees resulting from this application.
- Invoices must be paid by check, money order, or credit card. Make checks and money orders payable to Northern Nevada Public Health, Air Quality Management Division or NNPH, AQMD. For payment with a credit card, the applicant will be notified by email once the invoice is ready for payment. Payment may be made with a credit card online at OneNV.us by following the [detailed payment instructions](#), or by calling the AQMD at 775-784-7200 Monday-Friday 8am-4pm.

## **CONFIDENTIAL INFORMATION**

Under NRS 239 (the Nevada Public Records Act), the AQMD must hold all records as public unless declared confidential by law (NRS 239.0113). Requests for confidentiality shall be made by submitting the [Confidentiality Request Application](#) and Fee.

Confidential information means information or records which: (DBOH 020.000.D)

- a. Relate to dollar amounts of production or sales; or
- b. Relate to process or production unique to the owner or operator; or
- c. Contain other proprietary data which, if disclosed, would tend to affect adversely the competitive position of the owner or operator.

### **ASSISTANCE AND RESOURCES**

District Board of Health Regulations Governing Air Quality Management:

<https://www.nnph.org/programs-and-services/air-quality/regulations/index.php>

The Air Quality Management Division Permitting Department can be contacted at 775-784-7200 or [AQMDPermitting@nnph.org](mailto:AQMDPermitting@nnph.org).

## APPLICATION CHECKLIST

**This checklist must be included with your application.** Check the appropriate box for each item. If an item is incomplete or not applicable, please detail why it is incomplete or not applicable in the “Notes” section at the end of the checklist. **Reference Page 14 for more detailed information about the required supplemental documents.**

Yes    No    N/A

Application for Permit to Construct

Site Map

Process Flow Diagram

- Clearly depict all emissions units (EU's) and show emission unit ID numbers (EU ID #'s)
- Indicate emission control application points

Equipment List. Include the following areas of information:

- Descriptions and specifications
- Power/capacity ratings
- EU ID #
- Dates of manufacture, installation, and operation

Air Pollution Control Equipment/Measures List

Emissions unit and/or control device worksheet for each emissions unit and/or control device (as applicable).

Detailed Emissions Calculations –

Emissions calculations should be included for each (EU) and for each regulated pollutant (lbs/hr and tons/yr); Calculations should include controls, hours of operation, throughput/fuel usage, Emission Factors (including source of emission factors), etc. The calculations should also match the application forms. The following should also be included:

- Potential to Emit (PTE)
- Emissions Increase (modifying sources only). The prior PTE vs proposed PTE.
- Requested Allowable Emissions. Based upon the source's PTE including any practically enforceable permit conditions that limit the emissions of the source based on use of emissions control equipment, controlled operating rates, hours of operation, or other emissions control methods. This should identify any requested limits of the permit and will determine the annual permit maintenance fees.

Operational Information

Safety Data Sheets (as applicable)

Compliance Monitoring Devices List (as applicable)

Exhaust Stack Information List (as applicable)

Yes No N/A

Federal Performance Standards List (as applicable)

Applicable Requirement Supplement (as applicable)

Construction Schedule (as applicable)

Applicable Requirements Exemption List (as applicable)

Manufacturer specification sheet for each emissions unit and/or control device and Manufacturer's Guarantee (as applicable, due to control efficiencies claimed)

Source Testing Data (if referenced in calculations)

Electronic version of all documents submitted via email to [AQMDPermitting@nnph.org](mailto:AQMDPermitting@nnph.org) or thumb drive included with physical submissions.

Application Intake/Applicability Determination Fee. The invoice must be paid in full before the application is processed.

**Notes:**

# NON-METALLIC MINERAL PROCESSING APPLICATION FOR PERMIT TO CONSTRUCT

FOR AQMD USE ONLY

Permit No.:

## Facility Information (#1-16 must be completed)

1. New Permit      Permit Modification		
2. <b>Existing facilities only.</b> Permit Number (AAIRXX-XXXX):		
3. Facility Name:		
4. NAICS:	5. SIC:	
6. Facility Location:      Stationary      Portable		
7. Facility Address:		APN:
City:	State:	ZIP Code:
8. Facility latitude and longitude coordinates:		
9. <b>Stationary facilities only.</b> Is the facility located within 1,000 feet of the outer boundary of a school, hospital, or residential area?      Yes      No		
10. Operating Schedule		
Hours Per Day:	Days Per Week:	Weeks Per Year:
11. <b>Portable facilities only.</b> Anticipated start date of operations:		
12. <b>Portable facilities only.</b> Anticipated duration of first project:		
13. Is equipment rented?      Yes      No	14. Pole Power?      Yes      No	
If a diesel engine generator will be used, include an <i>Internal Combustion Engine (ICE) Worksheet</i> for each engine. The worksheet can be found at <a href="http://OurCleanAir.com">OurCleanAir.com</a> , under "Forms and Applications".		
15. Proposed throughput:	tons/hour	tons/year
16. Facility Manager Information		
Name:		
Title:		
Phone Number:	Fax Number:	
Email:		

**Optional (#17 – #19).** Recordkeeping will be required under the operating permit. If records will be maintained at a location other than the facility, specify the location:

17. Facility Name:

18. Facility Address:

City:

State:

ZIP Code:

19. On-Site Contact Information

Name:

Title:

Phone Number:

Fax Number:

Email:

**Company Information (all fields must be completed)**

20. **Existing facilities only.** Has the company ownership changed? Yes No N/A  
If "Yes", submit an *Application for Change of Ownership* and Fee, in addition to this application.

21. Legal Company Name:

22. Mailing Information

Mailing Address:

City:

State:

ZIP Code:

Permitting Contact Name:

Title:

Phone Number:

Fax Number:

Email:

23. Billing Information

Billing Address:

City:

State:

ZIP Code:

Billing Contact Name:

Title:

Phone Number:

Fax Number:

Email:

**Responsible Official Information**

Name:

Title:

Phone Number:

Fax Number:

Email:

Mailing Address:

City:

State:

ZIP Code:

**Owner’s Agent or Authorized Representative (Optional)**

An authorized representative of such a person who is responsible for the overall operation of the facility and who is designated in writing by the Responsible Official and approved in advance by the Control Officer. (DBOH 030.010)

Name:		Title:	
Phone Number:		Fax Number:	
Email:			
Mailing Address:			
City:	State:	ZIP Code:	

**Environmental Consultant Information (Optional)**

By identifying a consultant, the RO consents that such consultant has the authority to communicate directly with the AQMD for the limited purpose of providing supplemental information and comments in support of the information already provided by the RO in the application. The RO acknowledges that any change to, or withdrawal of the application must be done by the RO.

Name:		Title:	
Phone Number:		Fax Number:	
Email:			
Mailing Address:			
City:	State:	ZIP Code:	

**Application Description**

Describe all equipment and processes (including any emissions units or activities claimed as exempt and/or insignificant under DBOH 030.020.B) being proposed in the application. Make sure the narrative matches the process flow diagram. For existing facilities, make sure to describe any revisions or modifications being requested, and include any equipment to be removed and/or replaced. Reference the instructions on Page 12 for more information.



NOTE: Applicant agrees to allow on-site inspection during and after construction by the Air Quality Management Division (AQMD) during working hours and without prior notice. The operator must notify the AQMD when the facility commences and completes construction. An official Permit to Operate will not be issued until Facility Start of Construction and Facility Startup Notifications have been submitted to the AQMD. Additionally, all required test data shall be forwarded to the AQMD showing the equipment meets all district, state, and federal regulations. To obtain a Permit to Operate, an Application for Permit to Operate must be submitted within 12-months after initial start-up of the new source or modification.

This application is submitted in accordance with the provisions of DBOH 030.030.A and 030.200.C, and under penalty of perjury under NRS 199.145, to the best of my knowledge the information supplied in this document is true and correct.

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Responsible Official Signature (original wet-ink required)

Date

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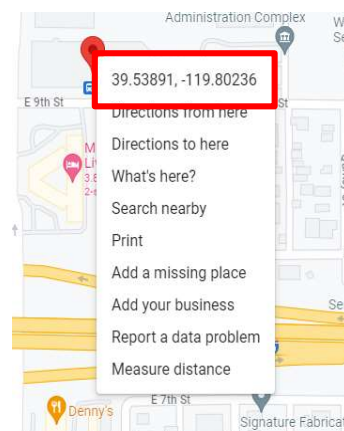
Print Name

Title

## DETAILED APPLICATION INSTRUCTIONS

### Facility Information

1. Specify if the application is for a new permit or for modification of an existing permit by checking the appropriate box. Modification means any physical change in, or change in method of operation of a source which any potential to emit (PTE) emissions increase of a regulated source pollutant resulting from a modification at an existing source.
2. **For existing facilities only.** Provide the permit number, which can be found at the top of Page 1 of the existing Permit to Operate (ex. AAIRXX-XXXX).
3. Provide the facility name as you'd like it to appear on the permit. If a permit already exists for this operation, enter the name as it appears on the existing permit, which can be found at the top of Page 1 of the existing Permit to Operate where it says, "Permit Issued To".
4. Provide the North American Industry Classification System (NAICS) code for the company. NAICS is a self-assigned system, meaning no one assigns you a NAICS code. This means that the facility should select the code that best depicts their primary business activity. A listing of NAICS codes can be found at, <https://www.naics.com/search/>.
5. Provide the Standard Industrial Classification (SIC) for the company. SIC is a four-digit code that identifies the company's primary industry. SIC is a self-assigned system, meaning no one assigns you a SIC code. This means that the facility should select the code that best depicts their primary business activity. A listing of SIC codes can be found at, <https://www.naics.com/everything-sic/>.
6. Specify whether the facility is stationary or portable throughout various locations in Washoe County by checking the appropriate box.
7. Provide the address for the facility, including the Assessor's Parcel Number (APN). If the facility is portable, provide the address of the main office. The APN can be found by searching the address through the [Washoe County Assessor's Office webpage](#).
8. Provide the latitude and longitude coordinates for the facility. These coordinates uniquely identify geographic positions. To find these coordinates, go to [Google Maps](#) and search for the address of the facility. Then, right click on the facility location on the map. A box will appear with the facility coordinates as shown below. The values should be written as shown (39.53891, -119.80236). For portable facilities, provide the coordinates for the first location.



9. **For stationary facilities only.** Specify if the facility is located within 1,000 feet of the outer boundary of a school, hospital, or residential area.
10. Specify the operating schedule of the facility in hours per day, days per week, and weeks per year.
11. **Portable facilities only.** Specify the anticipated start date of operations (ex., 1/1/2024)
12. **Portable facilities only.** Specify the anticipated duration of the first project (ex., 3/1/2024).
13. Specify if the equipment is rented or not by checking the appropriate box.
14. Specify if pole power will be used to power the equipment by checking the appropriate box. If a diesel engine generator will be used, include an *Internal Combustion Engine (ICE) Worksheet* for each engine. The worksheet can be found at [OurCleanAir.com](http://OurCleanAir.com), under "*Forms and Applications*".
15. Indicate the proposed throughput in tons per hour and tons per year.
16. Provide the name, title, phone and fax numbers, and email of the facility manager.
- 17-19. **Optional.** Recordkeeping will be required under the operating permit. If records will be maintained at a location other than the facility, specify the location. Provide the facility name, street address, city, state, and ZIP Code. Also provide the name, title, phone and fax numbers, and email of the on-site contact.

**Company Information. All fields in this section must be completed even if the information is the same. (ex. billing address is the same as the mailing address).**

20. **For existing facilities only.** Specify if the company ownership has changed. If "Yes", submit an *Application for Change of Ownership* and Fee, in addition to this application. This form can be found at, [OurCleanAir.com](http://OurCleanAir.com), under "*Forms and Applications*".
21. Provide the legal company name, as registered with the State of Nevada.
22. Provide the facility mailing address, permitting contact name, title, phone and fax numbers, and email address.
23. Provide the facility billing address, billing contact name, title, phone and fax numbers, and email address.

**Responsible Official Information**

Provide the name, title, phone and fax numbers, email, and mailing address of the Responsible Official. Responsible Official is defined as: (DBOH 030.010.A)

- a. For a corporation:
  - 1) A President;
  - 2) A Vice President in charge of a principal business function;
  - 3) A Corporate Secretary;
  - 4) A Treasurer; or
  - 5) An authorized representative of such a person who is responsible for the overall operation of the facility and who is designated in writing by an officer of the corporation and approved in advance by the Control Officer.
- b. For a partnership or sole proprietorship, a general partner or the proprietor, respectively.
- c. For a municipality or a state, federal or other public agency, a ranking elected official or a principal executive officer, including, for a federal agency, a chief executive officer who has responsibility for the overall operations of a principal geographic unit of the agency.

**Owner's Agent or Authorized Representative Information (Optional)**

Provide the name, title, phone and fax numbers, email address, and mailing address for the Owner's Agent or Authorized Representative. The Owner's Agent or Authorized Representative is authorized by such a person who is responsible for the overall operation of the facility and who is designated in writing by the Responsible Official and approved in advance by the Control Officer. (DBOH 030.010)

**Environmental Consultant Information (Optional)**

Provide the name, title, phone and fax numbers, email address, and mailing address of the Environmental Consultant. By identifying a consultant, the RO consents that such consultant has the authority to communicate directly with the AQMD for the limited purpose of providing supplemental information and comments in support of the information already provided by the RO in the application. The RO acknowledges that any change to, or withdrawal of the application must be done by the RO.

**Application Description (Process Narrative)**

Describe all equipment and processes (including any emissions units or activities claimed as exempt and/or insignificant under DBOH 030.020.B) being proposed in the application. Make sure the narrative matches the process flow diagram (as applicable). For existing facilities, make sure to describe any revisions or modifications being requested, and include any equipment to be removed and/or replaced.

- a. Specify the location of the facility and its parent company if part of a larger company.
- b. Include information that helps describe what the facility does and how it functions.
- c. Describe the emission units and/or control devices used at the facility and how they relate to the facility functions. An emission unit (EU) is defined as any part of a source that emits or would have the potential to emit any regulated pollutant. A supplemental emission unit and/or control device worksheet must be submitted with this application for each emission unit (EU) and/or control device (as applicable). Worksheets can be found at, [OurCleanAir.com](http://OurCleanAir.com), under "Forms and Applications".

- d. Characterize all regulated air pollutants that may be emitted by each emissions unit.
- e. If the facility is requesting a revision or modification, explain what is going to change and why it is necessary.
- f. Describe how and where the facility will be monitoring throughput to show compliance.
- g. Specify the actual or projected date an emission unit will be fully constructed and ready for use.

**SUPPLEMENTAL DOCUMENTS**

Attach the following as supplemental documents, as applicable:

- **Site Map.** A map that depicts the physical location of the facility, which must identify the main entrance, property boundaries, and all buildings and structures on the site as they relate to the facility emissions units (EU's). For portable equipment, the [supplemental map](#) must delineate the first location of the portable equipment and the maximum proposed area for the source's operation.
- **Process Flow Diagram.** A detailed diagram that clearly depicts all emissions units (EU), pollution control equipment, stack/vents/emission points, monitoring equipment, and throughput and exhaust streams. A unique identification number should be assigned to each EU presented in the flow diagram. Indicate all emission control application points. An example can be found ([here](#)).
- **Equipment List.** A complete list of emissions units (EU's) or other activities that emit one or more regulated air pollutants to the atmosphere. The following areas of information should be included (if not already included in a supplemental worksheet):
  - **Descriptions and Specifications.** Descriptive information about the types of EU's and any insignificant equipment/activities which includes manufacturer name and model and serial numbers.
  - **Power/Capacity Ratings.** The design power or capacity output for all EU's. The manufacturer's documentation must be included to support these specifications.
  - **Emission Unit ID Number.** A unique identification number corresponding to each EU that is presented in the flow diagram (as applicable). The number is fictitious for a new EU, and as listed in the Permit to Operate for an existing EU.
  - **Dates of Manufacture, Installation, and Operation for each EU.**
- **Air Pollution Control Equipment (as applicable).** Pollution control devices or measures that reduce the amount of regulated air pollutants emitted to the atmosphere. The following information must be included in an application for all new or modified emission units (EU's), if not already included in a supplemental worksheet.
  - **Air Pollution Control Equipment List.** Identification and description of each control device that shall include design specifications (including capture and control efficiencies), manufacturer, model & serial number, and associated EU's and processes.
  - **Air Pollution Control Measure List.** Description of each control measure that shall include how/where it is applied, how much control is applied, control efficiency, and associated EU's and processes.
- **Emission Unit (EU) and Control Device Worksheet.** Complete and attach the appropriate Emissions Unit and/or Control Device Worksheet for each EU and air pollution

control device (as applicable). Worksheets can be found at [OurCleanAir.com](http://OurCleanAir.com), under “Forms and Applications”. If a worksheet isn’t available for a specific type of equipment or process, be sure to include all required information that is described in this section.

- **Source Emissions.** Estimates of each regulated air pollutant that will be emitted to the atmosphere. The following types of emissions must be included in ALL applications for ALL new or modified emissions units and insignificant activities, as noted.
  - **Emission Factor(s).** The short-term rate at which regulated air pollutants can be emitted from an EU or insignificant activity, generally presented as an hour rate (lb/hr) or a rate based on throughput of materials (lb/ton). The amount of pollutant contained within a product can also serve as an emission factor, typically presented as weight of pollutant per volume of product (lb/gal).
  - **Potential to Emit (PTE).** The maximum capacity of a stationary source to emit a pollutant under its physical and operational design, pre-control. Any physical or operational limitation on the capacity of the source to emit a pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, shall be treated as part of its design if the limitation or the effect it would have on emissions is federally enforceable. Emissions associated with insignificant activities shall be included in the calculation of potential to emit for the facility. Secondary emissions do not count in determining the potential to emit of a stationary source.
  - **Emissions Increase (existing facilities only).** For modifying sources applying for a permit modification, the emissions increase is the difference between the proposed PTE and the current PTE. Any increase in emissions may trigger a new application requirement.
  - **Requested Allowable Emissions.** This will be used to determine the annual permit maintenance fees. Allowable emissions are based on the source’s potential to emit including any practically enforceable permit conditions that limit the emissions of the source based on use of emissions control equipment, controlled operating rates, hours of operation, or other emissions control methods. The source should identify any proposed monitoring, recordkeeping, and reporting to ensure compliance with any emission, throughput, production, material type and composition, operational, or other limitation.
- **Operational Information (as applicable).** If the information isn’t included in the required emissions unit and/or control device worksheet(s), provide a list of production rates, fuel types (with consumption rates), raw materials (with throughput rates), and operating schedules. Provide enough information to calculate hourly and annual emissions. List any inherent limitations on operations (not to include self-imposed limits) or work practice standards affecting emissions.

- **Safety Data Sheet (SDS).** As applicable, provide a detailed document prepared by the manufacturer or importer of a hazardous chemical that describes its physical and chemical properties. In all cases, attach the most current SDS for each specific or class of VOC or HAP-containing material (paints, solvents, thinners, etc.) in use. Attach SDS's for all proposed materials to new applications and attach SDS's for new/existing materials to revision applications that propose changes to the weighted average VOC content.
- **Compliance Monitoring Devices (as applicable).** Provide identification and description of each air pollution compliance monitoring device or activity, including design specifications, manufacturers, model & serial numbers, and all associated emission units and processes.
- **Stack Information List (as applicable).** If not included in the required worksheet, provide emissions (exhaust) stack location, height above grade, diameter (inside or effective), exhaust gases, flow rate (in actual cubic feet per minute), and temperature (in degrees Fahrenheit).
- **Federal Performance Standards List (as applicable).** A list of the federal performance standards, emission limits, and requirements that apply to the source (i.e., NSPS, NESHAP, and MACT). If the source has an EPA or AQMD approved exemption for one or more performance standards, attach the exemption approval(s) to the application.
- **Applicable Requirement Supplement (as applicable).** Provide requirements of federal, state, or local jurisdictions that are not included in DBOH Regulations Governing Air Quality Management 030.000-030.995. These may be specified in a court order, Hearing Officer or Hearing Board order, consent decree, compliance plan, etc.

#### Other Supplemental Documents (attach as applicable)

- **Construction Schedule.** A schedule outlining the timeline for constructing a new or modified source. Dates can be approximate. Not applicable to sources that have already been constructed or do not require construction.
- **Applicable Requirement Exemption List.** Provide a detailed list of requested exemptions from otherwise applicable requirements. Include detailed justification to support each request for an exemption.
- **Modifying Facilities.** Include in the narrative any equipment to be removed/replaced as a result of this permit action.