



CLARK COUNTY • DEPARTMENT OF AIR QUALITY
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For DAQ Use Only
Invoice Number: _____

EMISSION UNIT INFORMATION WORKSHEET MINERAL PROCESSING

I. SOURCE INFORMATION

Source Name: _____

Source ID Number (if applicable): _____

II. EQUIPMENT SPECIFICATIONS (Complete all that apply)

Check ONE type below that applies to this emission unit:

- | | | |
|---|--|----------------------------------|
| <input type="checkbox"/> Crusher (initial*) | <input type="checkbox"/> Screen | <input type="checkbox"/> Stacker |
| <input type="checkbox"/> Crusher (other) | <input type="checkbox"/> Pugmill/Mixer | <input type="checkbox"/> Silo |
| <input type="checkbox"/> Mill | <input type="checkbox"/> Hopper/Bin | |
- Conveyor System** (specify conveyor quantity): _____
- Stockpiles (specify total area): _____ acres
- Disturbed Surfaces*** (specify total area): _____ acres
- Other (specify unit type): _____

*Initial Crushers are as defined by 40 CFR 60, Subpart OOO.

**Conveyor Systems are defined as a series of conveyors between two primary pieces of equipment (e.g. crusher, screen, stacker, etc.)

***Disturbed Surfaces emissions are utilized for permit applicability purposes only

Complete the following information for any emission unit chosen above, if applicable:

Manufacturer's Name: _____

Model Number: _____ Serial Number: _____

Description (type, size, etc.): _____

Maximum rated hourly processing capacity of emission unit: _____ tons/hr

ATTACH copy of Manufacturer's Specifications supporting the information provided above, if applicable.

III. CONTROL METHOD INFORMATION

Check ALL methods by which particulate emissions from this emission unit will be controlled:

- | | |
|--|--|
| <input type="checkbox"/> Material Moisture Content | <input type="checkbox"/> Spray Bars |
| <input type="checkbox"/> Scrubber | <input type="checkbox"/> Foam Technology |
| <input type="checkbox"/> Baghouse | <input type="checkbox"/> Covers/Enclosures |
| <input type="checkbox"/> Cyclone | |
| <input type="checkbox"/> Other (specify): _____ | |

Control efficiency for the emissions control method listed above: _____%

Complete the following information for any ADD-ON control device listed above (e.g. baghouse, scrubber, cyclone, etc.):

Manufacturer's Name: _____

Model Number: _____ Serial Number: _____

ATTACH copy of Manufacturer's Specifications supporting the information provided above, if applicable.

IV. EMISSIONS DATA

DAQ will calculate a source's permitted PTE for the emission unit described above using 8,760 hours per year, unless the emission unit is physically or voluntarily limited. The permitted PTE will include all operating scenarios.

Currently, DAQ accepts a minimum of 90 percent control efficiency using moisture for all new or modified sources whose uncontrolled emissions exceed the RACT applicability threshold for particulate emissions. Compliance demonstration with this level of control may be satisfied by maintaining visible emissions within the allowable levels. Note that a source not subject to RACT for particulate emissions does not preclude the requirement to satisfy visible emission limits through the use of moisture, when necessary.

A source may propose a separate RACT analysis for particulate emissions instead of adopting 90 percent control efficiency through moisture, if applicable. Emission units subject to BACT or LAER for particulate emissions require a separate control analysis to determine the appropriate method and level of control.

New, modified or existing emission units, for which the applicant requests greater than 90 percent control using moisture, will require additional compliance demonstration through a structured moisture sampling and testing program. Applications proposing greater moisture content shall include a proposed program specifying sample points, test methods and frequency for approval.

If you are requesting a limitation for this emission unit to operate less than that described in Section IV above, specify total annual operating hours or annual throughput below:

_____ (tons/year), AND/OR _____ (hours/year)