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| **Please fill out a form for each rock crushing operation** | | | | | | | | | | |
| **1. Business information:** | | | | | | | | **Air Quality Use Only** | | |
| Business license name of corporation, company, individual owner, or governmental agency under which the application is submitted | | | | | | | |
| **Source Number** | |  |
| **2. Emission unit name:** | | | | | | | | **Emission Unit Number** | |  |
|  | | | | | | | |
| **3. Operating schedule:** | | | | | | | | | | |
| Hours per day | Days per week | | Weeks per year | | | | Days per year | | | |
|  |  | |  | | | |  | | | |
| **4. Percentage of yearly operation that occurs during the following quarters:** (total must equal 100%) | | | | | | | | | | |
| Dec-Jan-Feb | Mar-April-May | | June-July-Aug | | | | Sept-Oct-Nov | | | |
|  |  | |  | | | |  | | | |
| **5. Equipment information:** | | | | | | | | | | |
| The applicant must submit an equipment list and flow diagram. The applicant may use the table below to list the equipment or may attach a separate piece of paper for equipment list. The equipment list must include each crusher, screen, conveyor, bin, pugmill, feeder, etc. The flow diagram must show each piece of equipment with a reference number. | | | | | | | | | | |
| Equipment Type | | Flow diagram reference number | | Size\* | Operating rate (tons/hour) | | | | Date of manufacture | |
| Design | Actual | | |
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| \* Size: For crushers, size is the design operating rate in tons/hr. For screens, size is the dimensions of the top deck of the screen. For conveyors, size is the width of the conveyor. For bins, size is the design capacity in tons. | | | | | | | | | | |

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| **6. Air contaminants:** | | | | | | | | | |
| Emission estimates should be based on stack sampling results or engineering calculations. Calculations should be attached on a separate sheet. | | | | | | | | | |
| Particulate matter | | Flow diagram reference number | Average emissions (lb/hr) | Maximum emissions (lb/hr) | | Average emissions (tons/yr) | Emission Estimate Method\*\* | Control Devices\*\* | Control Efficiency (%) |
| Primary crushing  (3 - 12 inches) | |  |  |  | |  |  |  |  |
| Secondary crushing  (1 - 4 inches) | |  |  |  | |  |  |  |  |
| Tertiary crushing  (3/16th – 1 inch) | |  |  |  | |  |  |  |  |
| Fines crushing  (< 3/16th inch) | |  |  |  | |  |  |  |  |
| Screening | |  |  |  | |  |  |  |  |
| Fines screening | |  |  |  | |  |  |  |  |
| Conveying and transferring | |  |  |  | |  |  |  |  |
| Other (specify) | |  |  |  | |  |  |  |  |
| Other (specify) | |  |  |  | |  |  |  |  |
| **Totals** | |  |  |  | |  |  |  |  |
| \*\* Refer to APC-1 Form: General Information for tables of estimation method and control device codes | | | | | | | | | |
| **7.** **Compliance demonstration and monitoring/recording devices:** | | | | | | | | | |
| Description of proposed monitoring and recordkeeping to assure compliance with emission limits. Include operating parameters of source and/or control device being monitored (opacity, wet suppression, etc.). | | | | | | | | | |
| Check all attached monitoring and recording devices: | No monitor  Opacity monitor  Pressure drop gauge  Electronic data logger  Strip chart  Other (describe): | | | | | | | | |
| **8. Comments** | | | | | | | | | |
|  | | | | | | | | | |
| **9. Based upon information and belief formed after a reasonable inquiry, I certify that the information contained in this application is accurate and true to the best of my knowledge.** | | | | | | | | | |
| Signature of responsible official | | | | | Date of application | | | | |