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| **Please fill out a form for each concrete batch plant** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **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. Cement batch plant diagram:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| The applicant must attach a diagram of the plant showing material stockpile areas, conveyor systems, method of receiving cement, elevators, silos, silo vents, silo-to-weigh-batcher vent, weigh-batcher discharge chute, and product receiving equipment such as trucks and tilt or product mixers. Indicate air pollution control devices such as fabric filters, wet suppressions, hoods, canvas coverings, enclosures, etc. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **6. Maximum annual production:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Transit mix (yards/year) | | | | | | | | | | | | Central mix (yards/year) | | | | | | | | | | Dry mix (yards/year) | | | | | | | | |
| **7. Cement/cement supplement receiving and storage data:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Receiving equipment: | Are conveyors enclosed?  Yes  No | | | | | | | | Are elevators enclosed?  Yes  No | | | | | | | Compressed air flow (ft3/min) | | | | | Average load size (tons) | | | | | | | Normal loading time (min) | | |
| Silo #1 capacity (tons) | | | | | | Silo #1 vent control: | | | | | | | | None  Fabric filter  Another silo  Other (describe): | | | | | | | | | | | | | | | | |
| Silo #2 capacity (tons) | | | | | | Silo #2 vent control: | | | | | | | | None  Fabric filter  Another silo  Other (describe): | | | | | | | | | | | | | | | | |
| Silo #3 capacity (tons) | | | | | | Silo #3 vent control: | | | | | | | | None  Fabric filter  Another silo  Other (describe): | | | | | | | | | | | | | | | | |
| **8. Weigh-batcher data:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Capacity (yards) | | | | | | | | | | | Batching rate (yards/hour) | | | | | | | | | Batch dumping rate (yards/min) | | | | | | | | | | |
| Silo(s) to weigh-batcher vent controls:  Hood/Shroud  Fabric filter  Discharges to silo  None | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weigh-batcher discharges to: | | Trucks (yards/year) | | | | | | | | | | | | | Tilt (yards/year) | | | | | | | | Product mixer (yards/year) | | | | | | | |
| Weigh-batcher discharge chute controls: | | Adjustable gathering hopper  Hood  Fabric filter  Discharges to silo  None  Other (describe): | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **9. Emission point data:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Silo #1 vent: | | | Height above grade (ft) | | | | | | | Diameter (ft) | | | | | | | Emission exit direction (up, down, or horizontal) | | | | | | | Air flow rate (actual ft3/min) | | | | | | |
| Silo #2 vent: | | | Height above grade (ft) | | | | | | | Diameter (ft) | | | | | | | Emission exit direction (up, down, or horizontal) | | | | | | | Air flow rate (actual ft3/min) | | | | | | |
| Silo #3 vent: | | | Height above grade (ft) | | | | | | | Diameter (ft) | | | | | | | Emission exit direction (up, down, or horizontal) | | | | | | | Air flow rate (actual ft3/min) | | | | | | |
| Silo(s) to weigh-batcher vent: | | | Height above grade (ft) | | | | | | | Diameter (ft) | | | | | | | Emission exit direction (up, down, or horizontal) | | | | | | | Air flow rate (actual ft3/min) | | | | | | |
| Weight-batcher discharge chute: | | | Height above grade (ft) | | | | | | | Diameter (ft) | | | | | | | Emission exit direction (up, down, or horizontal) | | | | | | | Air flow rate (actual ft3/min) | | | | | | |
| **10. Air contaminants:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Emission estimates for each air contaminant emitted from this point should be based on stack sampling results or engineering calculations. Calculations should be attached on a separate sheet. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Particulate matter | | | | Emissions (lb/hr) | | | | | | | | | Average emissions (tons/yr) | | | | | | Emission estimate method\* | | | | | | | Control devices\* | | | Control efficiency (%) | |
| Average | | | | Maximum | | | | |
| Silo #1 vent: | | | |  | | | |  | | | | |  | | | | | |  | | | | | | |  | | |  | |
| Silo #2 vent: | | | |  | | | |  | | | | |  | | | | | |  | | | | | | |  | | |  | |
| Silo #3 vent: | | | |  | | | |  | | | | |  | | | | | |  | | | | | | |  | | |  | |
| Silo(s) to weigh-batcher vent: | | | |  | | | |  | | | | |  | | | | | |  | | | | | | |  | | |  | |
| Weight-batcher discharge chute: | | | |  | | | |  | | | | |  | | | | | |  | | | | | | |  | | |  | |
| \* Refer to APC-1 Form: General Information for tables of estimation method and control device codes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **11.** **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, pressure drop, etc.). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Check all attached monitoring and recording devices: | | | | | No monitor  Opacity monitor  Pressure drop gauge  Electronic data logger  Strip chart  Other (describe): | | | | | | | | | | | | | | | | | | | | | | | | | |

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| **12. Comments** | |
|  | |
| **13. 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 |