

## CONCRETE PLANT WORKSHEET INSTRUCTIONS

Be sure to review the following instructions prior to completing this application. More detailed instructions can be found on Page 4.

- Submit this worksheet as a supplemental document to an *Application for Authority to Construct/Permit to Operate*. If submitting this worksheet without a permit application, or in response to an AQMD request for supplemental information, locate and check the “Supplemental Information” box at the top left of Page 2.
- The worksheet must be filled out completely for all items that are applicable, except where noted as optional.
- The *Application for Authority to Construct/Permit to Operate*, all applicable emission unit and/or control device worksheet(s), and payment should be hand delivered to the AQMD drop box located ([here](#)), or mailed to:  
NNPH, AQMD  
1001 E. Ninth Street, Suite B171  
Reno, NV 89512
- A supplemental map delineating where the equipment will be located and the maximum proposed area for the source’s operation must be attached as a supplemental document. Mapping instructions can be found ([here](#)).
- **Portable Plants** – A *Portable Source Permit Move Notification* must be submitted to the AQMD prior to relocating a portable source. This includes relocating the source to storage or back to a rental company.
  - A portable source may not operate in a single location for more than 12 months, following the date of initial operation. The equipment may not be moved, then returned to the same location in an attempt to circumvent the time requirement.
  - A Visual 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 7 days prior to the scheduled observation. Notifications can be emailed to [AQMDCompliance@nnph.org](mailto:AQMDCompliance@nnph.org).
  - The VEO report must be submitted to [AQMDCompliance@nnph.org](mailto:AQMDCompliance@nnph.org) within 10 days of the observation. The current EPA Method 9 certification for the individual that completed the observation must be included with the report.
  - Once a project is complete, a final *Portable Source Permit Move Notification* must be submitted indicating the equipment has been moved off site.

### 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).

# CONCRETE PLANT WORKSHEET

**FOR AQMD USE ONLY**

Permit No.:

## Supplemental Information

Facility Information			
1. New Permit		Permit Modification	
2. <b>Existing facilities only.</b> Permit Number (AAIRXX-XXXX):			
3. Facility Name:			
4. Facility Address:			APN:
City:	State:	ZIP Code:	
5. Location:	Fixed	Portable	
6. Plant Type:	Batch	Continuous	
7. Pole Power?	Yes	No	
8. Will the facility also crush and/or screen aggregate? Yes No			
If "Yes", complete an <i>Application for Mineral Processing</i> , and attach as a supplemental document.			
Concrete Batch Plant Specifications			
9. Manufacturer:		Date of Manufacture:	
Model:			
10. Loadout Type:		Truck Mix	Central Mix
11. Rated production capacity (yds <sup>3</sup> /hr):			
12. Proposed throughput limitations (yds <sup>3</sup> /yr):			
13. Concrete loadout controls:		Loadout w/shroud	Loadout w/baghouse
14. Weigh batcher controls:		Loadout w/shroud	Loadout w/baghouse
15. Mixer controls:		Loadout w/shroud	Loadout w/baghouse
16. Cement/supplemental storage silos:			
Silo loading w/binvent		Silo loading w/baghouse	

17. Does the concrete batch plant have any additional emissions control devices? Yes No  
 If "Yes", what emissions control device is used?  
 (*Attach the appropriate control device worksheet*)

**Auxiliary Equipment**

18. Check all that apply to the Concrete Plant and provide quantities.

Conveyor(s). How many?

Stacker(s). How many?

Silo(s). How many?

Hopper(s)/Bin(s). How many?

Pugmill/Mixer(s). How many?

Stockpiles. Total area?

Other. Specify unit type and quantity:

***Attach flow diagram(s) and manufacturer's specification sheet(s). Duplicate sheet as needed.***

**DETAILED WORKSHEET INSTRUCTIONS****Facility Information**

1. Specify if the worksheet is for a new permit or for modification of an existing permit by checking the appropriate box.
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 it appears on the *Application for Authority to Construct/Permit to Operate*. 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 address of where the concrete plant will be operating. If it is a portable source, provide the address of the first location. A supplemental map delineating where the equipment will be located and the maximum proposed area for the source's operation must be attached as a supplemental document. Mapping instructions can be found ([here](#)).
5. Specify if the plant will be operating as a fixed or portable source by checking the appropriate box.
6. Specify the concrete plant type by checking the appropriate box.
7. Specify if pole power will be used to power the equipment by checking the appropriate box. If a diesel engine generator will be used, complete an *Internal Combustion Engine Worksheet*, and attach it as a supplemental document.
8. Specify whether the facility will also process aggregate to be used in the concrete plant, or elsewhere. If "Yes", separately submit an *Application for Mineral Processing*.

**Concrete Plant Specifications**

9. Provide the manufacturer, date of manufacture, and model of the plant.
10. Specify whether the plant type is "truck mix" or "central mix".
11. Specify the plant's maximum rated production capacity as cubic yards of concrete per hour.
12. Specify the plant's proposed maximum production as cubic yards of concrete per year.  
**Note:** The permit will contain the proposed throughput as an operational limit unless no throughput is proposed. If no throughput is proposed, the regulated emissions from the plant will be based on 8,760 hours of operation per year.
13. Specify whether emission controls are being proposed for the concrete loadout by selecting the appropriate option.
14. Specify whether emission controls are being proposed for the weigh batcher by selecting the appropriate option.
15. Specify whether emission controls are being proposed for the mixer by selecting the appropriate option.
16. Specify whether emission controls are being proposed for the cement/supplemental storage silos by selecting the appropriate option.
17. Specify if the concrete plant has any additional control devices installed and, if so,

specify the device (i.e., baghouse or scrubber). Attach manufacturer specifications for the equipment and attach the appropriate emissions control device worksheet.

### **Auxiliary Equipment**

18. Specify all that apply to the concrete plant and include quantities. All equipment specified should be included in the flow diagram.