

CONCRETE PLANT WORKSHEET INSTRUCTIONS

How to Complete this Worksheet

- Submit this worksheet as a supplemental document to an *Application for a Minor Source 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 a Minor Source 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](#)).
- Attach flow diagram(s) and manufacturer’s specification sheet(s) for all equipment.
- Other forms that may be required in addition to this worksheet:
 - For emission control equipment, use the appropriate *Emission Control Device Worksheet (Control Device, Cyclone, Flare, Fabric Filter/Baghouse, or Scrubber)* and duplicate as needed. Be sure to indicate the emission unit that the control equipment is affecting.
 - If not operating on grid power and/or if there is an engine on site, use the *Internal Combustion Engine Worksheet*.
- **More detailed instructions can be found on page 3.**

Assistance and Resources

The Business Environmental Program, operated through the University of Nevada, is a free and confidential program designed to help small businesses in Washoe County comply with local and federal environmental regulations. This service may be contacted at 800.882.3233 or help@unrbep.org. The Business Environmental Program may provide information on completing this air quality application. They can also provide assistance in reviewing options for emission control equipment and submitting annual emissions.



Visit this link to learn more about working with BEP: <https://unrbep.org/about-bep/working-with-bep/>

- District Board of Health Regulations Governing Air Quality Management:
<https://www.washoecounty.gov/health/programs-and-services/air-quality/regulations/index.php>
- The Air Quality Management Division Permitting Department can be contacted at 775.784.7200 Option 6 or AQMDPermitting@NNPH.org.

CONCRETE PLANT WORKSHEET

FOR AQMD USE ONLY

Permit No.:

Supplemental Information

Facility Information			
1. New Permit	Permit Modification	2. Existing facilities only. Permit Number:	
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 ³ /hr):		12. Proposed throughput limitations (yds ³ /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:			

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 a Minor Source 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.

Auxiliary Equipment

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