



Permit Application for Manufacturing or Processing Operation

Does this application contain Confidential Business Information (CBI)?

Yes No

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

Do not write in this space

1. Name of Facility _____

Existing JCDH Air Permit Number (if applicable) _____

2. A description of the operation of this unit or process in your facility with a flow diagram must be provided. A separate form and flow chart must be submitted for each process. If the unit or process receives input material from or provides input material to another operation, please indicate the relationship between the operations. Label all process, fuel combustion, and air pollution control equipment. The emission release points should be numbered on the flow diagram the same as in item No. 9 of this form. A separate application should be completed for each alternative operating scenario.

Operating Scenario No. _____

Description of Operating Scenario _____

Existing JCDH Air Permit No. & Emission Unit _____

Standard Classification Code (SCC) Nos. _____

3. Equipment Information:

Type of Equipment _____

Make of Equipment _____

Model of Equipment _____

Date Manufactured _____

Date of Construction/Installation _____

Date of Reconstruction _____

Date of Modification _____

Maximum Process Capacity _____

(Please specify process units)

4. Normal operation schedule of unit:

Hours per day _____ Days per week _____ Weeks per year _____

Peak production season (if any) _____

5. Maximum operating schedule of unit:

Hours per day _____ Days per week _____ Weeks per year _____

6. Raw materials used in unit or process:
Note: Please include solid fuels combusted.

RAW MATERIAL	PROCESS WEIGHT		QUANTITY (TPY)
	AVERAGE (LB/HR)	MAXIMUM (LB/HR)	

7. Fuels used by process heating equipment:
Note: Exclude fuel used by indirect heating equipment previously described on form JCDH-APCP-104.

Coal (Tons/yr) _____

BTU Value (BTU/lb as received) _____

Weight Percent Sulfur _____

Weight Percent Ash _____

Fuel Oil (Gal/yr) _____

Grade No. _____

Weight Percent Sulfur _____

BTU Value _____

Natural Gas (Million ft³/yr) _____

L.P. Gas (Gal/yr) _____

Other (Specify) _____

8. Products of process or unit:

PRODUCTS	MAXIMUM QUANTITY PER YEAR		UNITS OF PRODUCTION

9. For all pollutants released:

List and number each air emission point. The numbering below should correspond to the numbering on the flow chart. Fugitive emissions must be included. Emissions from treatment ponds must be included. Please include the Chemical Abstract System (CAS) number for Hazardous Air Pollutants. The basis for the actual emission rates must be indicated and supporting calculations provided.

EMISSION POINT	POLLUTANT	EMISSION RATE (LB/HR)	EMISSION RATE (TON/YR)	BASE ELEVATION (FEET)	STACK DIAMETER (FEET)	STACK HEIGHT (FEET)	EXHAUST VOLUME (ACFM)	EXIT TEMP (°F)	BASIS OF EMISSION FACTOR

10. For pollutants to which a regulatory or anti-PSD limit applies:

List the emission points, regulated pollutants, and allowable emission rates for this process. The Chemical Abstract System (CAS) number should be listed for each Hazardous Air Pollutant. All applicable regulations should be cited. The emission point numbering system used for this information should match the data for item No. 9 and flow diagram. Supporting calculations and background documentation should be included in this application package.

EMISSION POINT	REGULATED POLLUTANT	ALLOWABLE (LB/HR)	ALLOWABLE (TON/YR)	APPLICABLE REGULATION

11. Supporting documentation should be submitted if any of the following apply to this unit:

- a. Monitoring devices are used to measure this process' operation.
- b. Special operational restrictions, physical restrictions, or work practices are being requested as a part of this application.
- c. Performance tests or emission monitors are being used to demonstrate compliance.
Note: If a CEMS is used, form JCDH-APCP-113 must be completed.
- d. Recordkeeping, reporting requirements, or work practices used in the operation of this process.

12. Is a control device installed on this emission unit or process?

- Yes No *If Yes, form JCDH-APCP-110 must be completed.*

13. Is this unit or process in compliance with all applicable Air Pollution Rules and Regulations?

- Yes No *If No, form JCDH-APCP-114 must be completed.*

14. Does the input material or product from this process or unit contain finely divided materials which could become airborne?

- Yes No

If yes, is this material stored in piles or in some other way that can cause fugitive emissions?

- Yes No *If Yes, complete the table on the next page.*

TYPE OF MATERIAL

PARTICLE SIZE

AVERAGE PILE
SIZE
(TONS)

FUGITIVE EMISSION CONTROL

TYPE OF MATERIAL	PARTICLE SIZE	AVERAGE PILE SIZE (TONS)	FUGITIVE EMISSION CONTROL

Name of person preparing application _____

Title _____ Company _____

Signature _____ Date _____