

Department of Natural Resources and Environmental Control Division of Air and Waste Management Air Quality Management Section	AQM-1001B
	MANUFACTURING OR PROCESSING OPERATIONS

SECTION A: CONTINUOUS PROCESS OPERATIONS

(Complete a separate Form for each Mode of Operation)

EMISSION POINT NO. (1)	PROCESS DESCRIPTION* (2)	CONTINUOUS OR BATCH (3)	MAXIMUM OPERATING SCHEDULE (Hours/Day, Days/Week, Weeks/Year)	PROCESS EQUIPMENT (Brief Description) (5)	DATE INSTALLED (6)
			Hours/Day Days/Week Weeks/Year		/ /

EMISSION POINT NO. (1)	LIST MAJOR RAW MATERIAL(S) USED (7)	MAXIMUM QUANTITY INPUT OF <u>EACH</u> MAJOR RAW MATERIAL (Specify Units/Hour) (8)	TYPE OF PRODUCTS* (9)	QUANTITY OUTPUT (Specify Units)	
				MAXIMUM HOURLY (Specify Units) (10a)	MAXIMUM ANNUAL (Specify Units) (10b)

* Attach separate sheet if needed

IMPORTANT: Complete AQM-1001K for Air Pollution Control Equipment. If there is no control equipment, complete only Section 1 of AQM-1001K.	AQM-1001B
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EMISSION POINT NO. (1)	FUEL TYPE FOR PROCESS HEAT (11)	RATED BURNER CAPACITY (BTU/HOUR) (12)	FUEL COMPOSITION		FUEL USAGE RATES		NOTE: If the combustion products are emitted along with the process emissions, indicate so in this column by writing "combined." (15)
			% SULFUR (13a)	% ASH (13b)	MAXIMUM HOURLY (14a)	MAXIMUM ANNUAL (14b)	

16. IMPORTANT: Submit a process flow diagram. Label all materials, equipment and emission point numbers.

17. The Department may request Material Safety Data Sheets ("MSDS") for each process.

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SECTION B: BATCH PROCESS OPERATIONS ("BP") (Complete a separate Form for each Batch Process)

NOTE: Complete Section B, Batch Process Profile, for each Batch Process in this Permit Application.
 See instructions for further clarification and information.

<p>1. BATCH PROCESS I.D. NUMBER –or- FACILITY DESIGNATION</p>
<p>2. BATCH PROCESS DESCRIPTION <i>(Provide description specifying product produced and operations occurring: e.g., production of XYZ drug in Reactor 6, coating and sorting)</i></p>
<p>3. OPERATING SCENARIOS ("OS") <i>(Provide the total of the Operating Scenarios occurring in this Batch Process)</i></p>
<p>4. EQUIPMENT ("E") <i>(Provide a listing of the Equipment used in this Batch Process)</i></p>
<p>5. CONTROL DEVICES ("CD") <i>(Provide the number of, and identify, the air pollution Control Devices used in this Batch Process; complete AQM-1001K for Pollution Control Equipment)</i></p>
<p>6. EMISSION POINTS ("PT") <i>(Identify the total amount of Emission Points found in this Batch Process)</i></p>

7. Emission Summary of Regulated Air Contaminants for this Batch Process ("BP"). (Maximum Emissions)
(Provide for each Operating Scenario)

CONTAMINANT CATEGORY/NAME		BATCH PROCESS ("BP") MAXIMUM EMISSIONS <i>(Pounds per Batch)¹</i>		
		FUGITIVE EMISSIONS²	EMISSIONS FROM EMISSION POINTS ("PT")	TOTAL EMISSIONS³
VOC (total)				
NO _x				
CO				
SO ₂				
PM ₁₀				
Other				
PM ₁₀ (total)				
HAPs (total) (§112(b) definition)				
CONTAMINANT NAME	CAS No.	BATCH PROCESS ("BP") MAXIMUM EMISSIONS <i>(Pounds per Batch)¹</i>		
		FUGITIVE EMISSIONS²	EMISSIONS FROM EMISSION POINTS ("PT")	TOTAL EMISSIONS³

¹These are your requested emission limits;
(Provide overall air contaminant emissions for all Operating Scenarios for this Batch Process).

²Batch Process Fugitive Emissions are the fugitive emissions generated from the equipment used in the Batch Process;
(Provide the total annual fugitive emissions of each air contaminant from all Operating Scenarios in the Batch Process).

³*(Summation of Columns 1 and 2).*

FACILITY I.D. NO.:

11. OPERATING SCENARIO DESCRIPTION <i>(For a batch Process, the process line used to produce a single product is synonymous with an Operating Scenario ("OS"); complete this section for each Operating Scenario ("OS").</i>									
Attach a block/flow diagram for each Operating Scenario ("OS").									
OPERATING SCENARIO I.D. NUMBER: OS:						OVERALL RUN TIME: Maximum (hours): Minimum (hours):			
FACILITY'S DESIGNATION and PRODUCT NAME <i>(if applicable)</i> :									
PRODUCT DESCRIPTION:									
List major raw materials for each Operating Scenario ("OS")						GAS DISCHARGE INFORMATION			
PROCESS STEP		I.D. NUMBERS		STEP TIME (Hours)		FLOW (acfm)		TEMPERATURE (°F)	
OS No. ¹	DESCRIPTION ²	EQUIPMENT ³	CONTROL DEVICE ⁴	MIN. ⁵	MAX. ⁵	MIN.	MAX.	MIN.	MAX.

¹Sequential Number, starting at 1.
²Brief description of operations occurring during this scenario.
³Use Equipment I.D. Number from Equipment Inventory ("E").
⁴Identify Air Pollution Control Device.
⁵Minimum and maximum amounts of time needed for this operation to occur, in hours, rounded to the nearest tenth.

