ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL -- PERMIT SECTION
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SPRINGFIELD, ILLINOIS 62794-9506

FOR APPLICANT'S USE

Revision #: _____
Date: _____ / _____ / _____
Page _____ of _____
Source Designation:
_____

REQUEST TO CONTINUE TO OPERATE DURING MALFUNCTION OR BREAKDOWN

FOR AGENCY USE ONLY
ID NUMBER:
EMISSION POINT #:
DATE:

NOTE: THIS FORM MUST BE COMPLETED WHEN THE EMISSIONS DURING SUCH PERIOD WOULD EXCEED THE ALLOWABLE LIMIT PURSUANT TO AN APPLICABLE REQUIREMENT, OR THE ALLOWABLE LIMIT AS ESTABLISHED BY A PROPOSED PERMIT CONDITION.

SOURCE INFORMATION

1) SOURCE NAME:	
2) DATE FORM PREPARED:	3) SOURCE ID NO. (IF KNOWN):

GENERAL INFORMATION

4a) IDENTIFY THE EMISSION UNIT(S) OR PROCESS FOR WHICH CONTINUED OPERATION DURING A MALFUNCTION OR BREAKDOWN IS BEING REQUESTED:

b) PROVIDE THE FLOW DIAGRAM DESIGNATION OF THE UNIT(S) OR PROCESS:

5a) WHAT ITEM OF EQUIPMENT(S) IS ANTICIPATED TO MALFUNCTION OR BREAKDOWN?

b) PROVIDE THE FLOW DIAGRAM DESIGNATION OF THIS EQUIPMENT(S):

6) EXPLAIN THE NATURE (I.E., TYPE AND CAUSE) OF ANTICIPATED MALFUNCTIONS OR BREAKDOWNS:

7) EXPLAIN WHAT MEASURES ARE TAKEN TO PREVENT SUCH MALFUNCTIONS OR BREAKDOWNS FROM OCCURRING:

THIS AGENCY IS AUTHORIZED TO REQUIRE THIS INFORMATION UNDER ILLINOIS REVISED STATUTES, 1991, AS AMENDED 1992, CHAPTER 111 1/2, PAR. 1039.5. DISCLOSURE OF THIS INFORMATION IS REQUIRED UNDER THAT SECTION. FAILURE TO DO SO MAY PREVENT THIS FORM FROM BEING PROCESSED AND COULD RESULT IN THE APPLICATION BEING DENIED. THIS FORM HAS BEEN APPROVED BY THE FORMS MANAGEMENT CENTER.

FOR APPLICANT'S USE

_____

APPLICATION PAGE _____

8) DESCRIBE ALL MEASURES TAKEN TO MINIMIZE THE DURATION OF A MALFUNCTION OR BREAKDOWN:

9) DESCRIBE ALL MEASURES TAKEN TO MINIMIZE THE QUANTITY OF EMISSIONS DURING MALFUNCTION OR BREAKDOWN:

10a) WOULD DISCONTINUED OPERATION OF THE EMISSION UNIT(S) OR PROCESS DURING SUCH MALFUNCTION OR BREAKDOWN CAUSE OR TEND TO CAUSE INJURY TO PERSONS OR SEVERE DAMAGE TO EQUIPMENT? ☐ YES ☐ NO

IF YES, EXPLAIN:

b) WOULD DISCONTINUED OPERATION OF THE EMISSION UNIT(S) OR PROCESS DURING SUCH MALFUNCTION OR BREAKDOWN PREVENT THE APPLICANT FROM PROVIDING AN ESSENTIAL SERVICE TO THE PUBLIC? ☐ YES ☐ NO

IF YES, EXPLAIN:

c) DESCRIBE ANY OTHER REASONS WHY CONTINUED OPERATION OF THE EMISSION UNIT(S) OR PROCESS DURING MALFUNCTION OR BREAKDOWN IS NECESSARY:

11a) IF THE ITEM OF EQUIPMENT ANTICIPATED TO MALFUNCTION OR BREAKDOWN IS CONTROL EQUIPMENT, THEN LIST ALL EMISSION UNITS AND OTHER CONTROL EQUIPMENT DUCTING EMISSIONS TO THIS CONTROL EQUIPMENT:

	NAME	FLOW DIAGRAM DESIGNATION
i)		
ii)		

b) HAS A REQUEST TO OPERATE THESE OTHER EMISSION UNITS AND OTHER CONTROL EQUIPMENT DUCTING EMISSIONS TO THIS CONTROL EQUIPMENT DURING MALFUNCTION AND BREAKDOWN ALSO BEEN INCLUDED IN THIS APPLICATION?

☐ YES ☐ NO

IF NO, EXPLAIN:

12) IF READILY AVAILABLE, PROVIDE AN ESTMATE OF THE NUMBER OF SIMILAR MALFUNCTIONS OR BREAKDOWNS WHICH HAVE OCCURRED OVER THE PREVIOUS 3 YEARS (EXCLUDING THOSE ASSOCIATED WITH OPACITY MONITORS). INCLUDE THE CAUSE, DURATION, AND MEASURES TAKEN TO PREVENT REOCCURRENCE:

APPLICABLE RULES

13) IDENTIFY THE SPECIFIC RULE(S) WHICH WOULD ALLOW THE AFFECTED EMISSION UNIT(S) OR PROCESS TO CONTINUE TO OPERATE IN EXCESS OF ALLOWABLE EMISSION LIMITS DURING A MALFUNCTION OR BREAKDOWN:

14) IDENTIFY THE RULE(S) AND REQUIREMENT(S) WHICH MAY BE VIOLATED DURING CONTINUED OPERATION DURING MALFUNCTION OR BREAKDOWN AND THE ASSOCIATED REGULATED AIR POLLUTANT(S):

EMISSIONS INFORMATION

15a) PROVIDE THE MAXIMUM AND TYPICAL LENGTH OF TIME THAT THE EMISSION UNIT(S) OR PROCESS WILL CONTINUE TO OPERATE DURING MALFUNCTION OR BREAKDOWN:

MAXIMUM	TYPICAL

b) EXPLAIN WHICH FACTORS DETERMINE THE LENGTH OF TIME REQUIRED FOR CONTINUED OPERATION:

16) IN THE FOLLOWING TABLE, PROVIDE THE AFFECTED REGULATED AIR POLLUTANT(S), THE EMISSION RATES WHICH WOULD OCCUR DURING THE REQUESTED MALFUNCTION OR BREAKDOWN (M&B), THE ALLOWABLE EMISSIONS DURING NORMAL OPERATION, AND THE METHOD USED TO DETERMINE THESE RATES. ATTACH ALL CALCULATIONS USED TO DETERMINE THE EMISSION RATES WHICH WOULD OCCUR DURING THE REQUESTED M&B AND LABEL AS EXHIBIT 204-1.

EMISSION RATES

REGULATED AIR POLLUTANT		M&B (LB/HR)	M&B (TON/YR)	ALLOWABLE (LB/HR)	ALLOWABLE (TON/YR)	DM*
	MAX:					
	TYPICAL:					
	MAX:					
	TYPICAL:					
	MAX:					
	TYPICAL:					

*NOTE: DM = DETERMINATION METHOD -- 1)STACK TEST; 2)MATERIAL BALANCE; 3)STANDARD EMISSION FACTOR; 4) ENGINEERING ESTIMATE; AND 5)SPECIAL EMISSION FACTOR

EXHAUST POINT INFORMATION

COMPLETE THE FOLLOWING ITEMS ONLY IF EMISSIONS ARE EXHAUSTED THROUGH A DIFFERENT POINT DURING MALFUNCTION OR BREAKDOWN RELATIVE TO NORMAL OPERATION.

17) EXPLAIN THE DIFFERENCE IN EXHAUSTED EMISSIONS DURING MALFUNCTION OR BREAKDOWN RELATIVE TO NORMAL OPERATION:

18) FLOW DIAGRAM DESIGNATION OF EXHAUST POINT:

19) DESCRIPTION OF EXHAUST POINT (STACK, VENT, ROOF MONITOR, INDOORS, ETC.): IF THE EXHAUST POINT DISCHARGES INDOORS, DO NOT COMPLETE THE REMAINING ITEMS.

20) DISTANCE TO NEAREST PLANT BOUNDARY FROM EXHAUST POINT DISCHARGE (FT):

21) DISCHARGE HEIGHT ABOVE GRADE (FT):

22) GOOD ENGINEERING PRACTICE (GEP) HEIGHT, IF KNOWN (FT):

23) DIAMETER OF EXHAUST POINT (FT): NOTE: FOR A NONCIRCULAR EXHAUST POINT, THE DIAMETER IS 1.128 TIMES THE SQUARE ROOT OF THE AREA.

24) EXIT GAS FLOW RATE:	a) MAXIMUM (ACFM):	b) AVERAGE (ACFM):
25) EXIT GAS TEMPERATURE:	a) MAXIMUM (°F):	b) AVERAGE (°F):

26) DIRECTION OF EXHAUST (VERTICAL, LATERAL, DOWNWARD):

27) LIST ALL EMISSION UNITS AND CONTROL EQUIPMENT SERVED BY THIS EXHAUST POINT:

NAME	FLOW DIAGRAM DESIGNATION
a)	
b)	
c)	
d)	

THE FOLLOWING INFORMATION NEED ONLY BE SUPPLIED IF READILY AVAILABLE.

28a) LATITUDE:	b) LONGITUDE:	
29a) UTM ZONE:	b) UTM VERTICAL:	c) UTM HORIZONTAL: