



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
 BUREAU OF AIR -- PERMIT SECTION  
 P.O. BOX 19276  
 SPRINGFIELD, ILLINOIS 62794-9276

**FOR APPLICANT'S USE**

Revision #: \_\_\_\_\_  
 Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
 Page \_\_\_\_\_ of \_\_\_\_\_  
 Source Designation: \_\_\_\_\_

<b>AGGREGATE CRUSHING PLANT DATA AND INFORMATION</b>	<b>FOR AGENCY USE ONLY</b>
	ID NUMBER: _____
	EMISSION POINT #: _____
	DATE: _____

<b>SOURCE INFORMATION</b>	
1) SOURCE NAME: _____	
2) DATE FORM PREPARED: _____	3) SOURCE ID NO. (IF KNOWN): _____

<b>GENERAL INFORMATION</b>	
4) PROVIDE THE NAME AND DESIGNATION OF ALL AIR POLLUTION CONTROL EQUIPMENT CONTROLLING THE CRUSHERS, IF APPLICABLE (FORM 260-CAAPP AND THE APPROPRIATE 260-CAAPP ADDENDUM FORM MUST BE COMPLETED FOR EACH ITEM OF AIR POLLUTION CONTROL EQUIPMENT EXCEPT WATER SPRAY BARS):  _____	
5) WILL EMISSIONS DURING STARTUP EXCEED EITHER THE ALLOWABLE EMISSION RATE PURSUANT TO A SPECIFIC RULE, OR THE ALLOWABLE EMISSION LIMIT AS ESTABLISHED BY AN EXISTING OR PROPOSED PERMIT CONDITION? <input type="checkbox"/> YES <input type="checkbox"/> NO  IF YES, COMPLETE AND ATTACH FORM 203-CAAPP, "REQUEST TO OPERATE WITH EXCESS EMISSION DURING STARTUP OF EQUIPMENT".	
6) PROVIDE ANY LIMITATIONS ON SOURCE OPERATION AFFECTING EMISSIONS OR ANY WORK PRACTICE STANDARDS (E.G., ONLY ONE CRUSHER IS OPERATED AT A TIME):  _____	

<b>OPERATING INFORMATION</b>	
7) ATTACH THE CALCULATIONS, TO THE EXTENT THEY ARE AIR EMISSIONS RELATED, FROM WHICH THE FOLLOWING OPERATING INFORMATION AND MATERIAL USAGE INFORMATION WERE BASED AND LABEL AS EXHIBIT 235-1. REFER TO SPECIAL NOTES ON FORM 202-CAAPP.	
8) ARE SPRAY SYSTEMS USED ON ANY OR ALL CRUSHERS AND INDICATED ON THE PROCESS FLOW DIAGRAM? <input type="checkbox"/> YES <input type="checkbox"/> NO	
9) INDICATE THE INHERENT MATERIAL MOISTURE CONTENT (%): _____	

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.

**APPLICATION PAGE** \_\_\_\_\_

Printed on Recycled Paper  
235-CAAPP

**FOR APPLICANT'S USE**

**(10) OPERATING INFORMATION**

NAME OF EMISSION UNIT (CRUSHER IDENTIFICATION)		CRUSHING RATE (TONS/HR)		OPERATING STATISTICS							
				HOURS OF OPERATION			PERCENTAGE OF ANNUAL THROUGHPUT				
		MAX	TYPICAL		MAX	TYPICAL	DEC-FEB (%)	JUN-AUG (%)	MAR-MAY (%)	SEP-NOV (%)	
NAME				HRS/DAY							
MODEL				DAYS/WK							
SERIAL				WKS/YR							

NAME				HRS/DAY							
MODEL				DAYS/WK							
SERIAL				WKS/YR							

NAME				HRS/DAY							
MODEL				DAYS/WK							
SERIAL				WKS/YR							

ATTACH AN ADDITIONAL SHEET, EXHIBIT 235-2 THAT LISTS THE BEGINNING DATES OF CONSTRUCTION, OPERATION, AND/OR MODIFICATION OF EACH CRUSHER. IF ANY MODIFICATION HAS OCCURRED, BRIEFLY DESCRIBE. INCLUDE FLOW DIAGRAM DESIGNATION AND ALL MATERIALS CRUSHED FOR EACH CRUSHER.

**APPLICABLE RULES**

ANY AGGREGATE CRUSHING PLANT THAT COMMENCES CONSTRUCTION OR MODIFICATION AFTER AUGUST 31, 1983, IS SUBJECT TO THE NEW SOURCE PERFORMANCE STANDARD (NSPS) SUBPART 000 FOR AGGREGATE CRUSHING PLANT FACILITIES. EXISTING (PRIOR TO APRIL 14, 1972) PLANTS ARE SUBJECT TO SECTION 212.322. NEW (AFTER APRIL 14, 1972) PLANTS ARE SUBJECT TO SECTION 212.321.

11) PROVIDE ANY SPECIFIC EMISSION STANDARD(S) AND LIMITATION(S) SET BY RULE(S) WHICH ARE APPLICABLE TO THE CRUSHER(S):

REGULATED AIR POLLUTANT(S)	EMISSION STANDARD(S)	REQUIREMENT(S)

12) PROVIDE ANY SPECIFIC RECORDKEEPING RULE(S) WHICH ARE APPLICABLE TO THE CRUSHER(S):

REGULATED AIR POLLUTANT(S)	RECORDKEEPING RULE(S)	REQUIREMENT(S)

13) PROVIDE ANY SPECIFIC REPORTING RULE(S) WHICH ARE APPLICABLE TO THE CRUSHER(S):

REGULATED AIR POLLUTANT(S)	REPORTING RULE(S)	REQUIREMENT(S)

14) PROVIDE ANY SPECIFIC MONITORING RULE(S) WHICH ARE APPLICABLE TO THE CRUSHER(S):

REGULATED AIR POLLUTANT(S)	MONITORING RULE(S)	REQUIREMENT(S)

15) PROVIDE ANY SPECIFIC TESTING RULES AND/OR PROCEDURES WHICH ARE APPLICABLE TO THE CRUSHER(S) :

REGULATED AIR POLLUTANT(S)	TESTING RULE(S)	REQUIREMENT(S)

16) DO THE CRUSHERS QUALIFY FOR AN EXEMPTION FROM ANY RULE?

YES  NO

IF YES, THEN LIST BOTH THE RULE FROM WHICH IT IS EXEMPT AND THE RULE WHICH ALLOWS THE EXEMPTION. PROVIDE A DETAILED EXPLANATION JUSTIFYING THE EXEMPTION. INCLUDE DETAILED SUPPORTING DATA AND CALCULATIONS. ATTACH AND LABEL AS EXHIBIT 235-3, OR REFER TO OTHER ATTACHMENT(S) WHICH ADDRESS AND JUSTIFY THIS EXEMPTION.

**COMPLIANCE INFORMATION**

17) IS THE CRUSHER(S) IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS?

YES  NO

IF NO, THEN FORM 294-CAAPP "COMPLIANCE PLAN/SCHEDULE OF COMPLIANCE -- ADDENDUM FOR NON COMPLYING EMISSION UNITS" MUST BE COMPLETED AND SUBMITTED WITH THIS APPLICATION.

18) EXPLANATION OF HOW INITIAL COMPLIANCE IS TO BE, OR WAS PREVIOUSLY, DEMONSTRATED:

19) EXPLANATION OF HOW ONGOING COMPLIANCE WILL BE DEMONSTRATED:

**TESTING, MONITORING, RECORDKEEPING AND REPORTING**

20a) LIST THE PARAMETERS THAT RELATE TO AIR EMISSIONS FOR WHICH RECORDS ARE BEING MAINTAINED (E.G., TONS OF ROCK CRUSHED) TO DETERMINE FEES, RULE APPLICABILITY OR COMPLIANCE. INCLUDE THE UNIT OF MEASUREMENT, THE METHOD OF MEASUREMENT, AND THE FREQUENCY OF SUCH RECORDS (E.G., HOURLY, DAILY, WEEKLY):

PARAMETER	UNIT OF MEASUREMENT	METHOD OF MEASUREMENT	FREQUENCY

b) BRIEFLY DESCRIBE THE METHOD BY WHICH RECORDS WILL BE CREATED AND MAINTAINED. FOR EACH RECORDED PARAMETER INCLUDE THE METHOD OF RECORDKEEPING, TITLE OF PERSON RESPONSIBLE FOR RECORDKEEPING, AND TITLE OF PERSON TO CONTACT FOR REVIEW OF RECORDS:

PARAMETER	METHOD OF RECORDKEEPING	TITLE OF PERSON RESPONSIBLE	TITLE OF CONTACT PERSON

c) IS COMPLIANCE OF THE CRUSHER(S) READILY DEMONSTRATED BY REVIEW OF THE RECORDS?  YES  NO

IF NO, EXPLAIN:

d) ARE ALL RECORDS READILY AVAILABLE FOR INSPECTION, COPYING AND SUBMITTAL TO THE AGENCY UPON REQUEST?  YES  NO

IF NO, EXPLAIN:

21a) DESCRIBE ANY MONITORS OR MONITORING ACTIVITIES USED TO DETERMINE FEES, RULE APPLICABILITY OR COMPLIANCE:

b) WHAT PARAMETER(S) IS(ARE) BEING MONITORED (E.G., OPACITY)?

c) DESCRIBE THE LOCATION OF EACH MONITOR (E.G., IN STACK MONITOR):

d) IS EACH MONITOR EQUIPPED WITH A RECORDING DEVICE?

YES

NO

IF NO, LIST ALL MONITORS WITHOUT A RECORDING DEVICE:

e) IS EACH MONITOR REVIEWED FOR ACCURACY ON AT LEAST A QUARTERLY BASIS?

YES  NO

IF NO, EXPLAIN:

f) IS EACH MONITOR OPERATED AT ALL TIMES THE ASSOCIATED EMISSION UNIT IS IN OPERATION?

YES  NO

IF NO, EXPLAIN:

22) PROVIDE INFORMATION ON THE MOST RECENT TESTS, IF ANY, IN WHICH THE RESULTS ARE USED FOR PURPOSES OF THE DETERMINATION OF FEES, RULE APPLICABILITY AND/OR COMPLIANCE. INCLUDE THE TEST DATE, TEST METHOD USED, TESTING COMPANY, OPERATING CONDITIONS EXISTING DURING THE TEST AND A SUMMARY OF RESULTS. IF ADDITIONAL SPACE IS NEEDED, ATTACH AND LABEL AS EXHIBIT 235-4:

TEST DATE	TEST METHOD	TESTING COMPANY	OPERATING CONDITIONS	SUMMARY OF RESULTS

23) DESCRIBE ALL REPORTING REQUIREMENTS AND PROVIDE THE TITLE AND FREQUENCY OF REPORT SUBMITTALS TO THE AGENCY:

REPORTING REQUIREMENTS	TITLE OF REPORT	FREQUENCY

**(24)EMISSION INFORMATION**

REGULATED AIR POLLUTANT		<input type="checkbox"/> <sup>1</sup> ACTUAL EMISSION RATE <input type="checkbox"/> <sup>1</sup> UNCONTROLLED EMISSION RATE				ALLOWABLE BY RULE EMISSION RATE			<sup>2</sup> PERMITTED EMISSION RATE		
		LBS PER HOUR (LBS/HR)	TONS PER YEAR (TONS/YR)	<sup>3</sup> OTHER TERMS	<sup>3</sup> OTHER TERMS	<sup>4</sup> DM	<sup>5</sup> RATE (UNITS)	APPLICABLE RULES	TONS PER YEAR (TONS/YR)	RATE (UNITS)	TONS PER YEAR (TONS/YR)
CARBON	MAXIMUM:										
	TYPICAL:										
LEAD	MAXIMUM:										
	TYPICAL:										
NITROGEN OXIDES (NO <sub>x</sub> )	MAXIMUM:										
	TYPICAL:										
PARTICULATE MATTER (PART)	MAXIMUM:										
	TYPICAL:										
PARTICULATE MATTER <= 10 MICROMETERS (PM10)	MAXIMUM:										
	TYPICAL:										
SULFUR DIOXIDE (SO <sub>2</sub> )	MAXIMUM:										
	TYPICAL:										
VOLATILE ORGANIC MATERIAL (VOM)	MAXIMUM:										
	TYPICAL:										
OTHER, SPECIFY:	MAXIMUM:										
	TYPICAL:										
EXAMPLE: PARTICULATE MATTER	MAXIMUM:	5.00	21.9	0.3 GR/DSCF		1	6.0 (LBS/HR)	212.321	26.28	5.5 LBS/HR	22
	TYPICAL:	4.00	14.4	0.24 GR/DSCF		4	5.5 (LBS/HR)	212.321	19.80		

**IMPORTANT: ATTACH CALCULATIONS, TO THE EXTENT THEY ARE AIR EMISSIONS RELATED, ON WHICH EMISSIONS WERE DETERMINED AND LABEL AS EXHIBIT 235-5.**

<sup>1</sup>CHECK UNCONTROLLED EMISSION RATE BOX IF CONTROL EQUIPMENT IS USED, OTHERWISE CHECK AND PROVIDE THE ACTUAL EMISSION RATE TO ATMOSPHERE, INCLUDING INDOORS. SEE INSTRUCTIONS.

<sup>2</sup>PROVIDE THE EMISSION RATE THAT WILL BE USED AS A PERMIT SPECIAL CONDITION. THIS LIMIT WILL BE USED TO DETERMINE THE PERMIT FEE.

<sup>3</sup>PLEASE PROVIDE ANY OTHER EMISSION RATE WHICH IS COMMONLY USED, REQUIRED BY A SPECIFIC LIMITATION OR THAT WAS MEASURED (E.G. PPM, GR/DSCF, ETC.)

<sup>4</sup>DM - DETERMINATION METHOD: 1) STACK TEST, 2) MATERIAL BALANCE, 3) STANDARD EMISSION FACTOR (AP-42 OR AIRS), 4) ENGINEERING ESTIMATE, 5) SPECIAL EMISSION FACTOR (NOT AP-42 OR AIRS)

<sup>5</sup>RATE - ALLOWABLE EMISSION RATE SPECIFIED BY MOST STRINGENT APPLICABLE RULE.

**APPLICATION PAGE \_\_\_\_\_**

**(25) HAZARDOUS AIR POLLUTANT EMISSION INFORMATION**

HAP INFORMATION		<input type="checkbox"/> <sup>1</sup> ACTUAL EMISSION RATE <input type="checkbox"/> <sup>1</sup> UNCONTROLLED EMISSION RATE				ALLOWABLE BY RULE	
NAME OF HAP EMITTED	<sup>2</sup> CAS NUMBER	POUNDS PER HOUR (LBS/HR)	TONS PER YEAR (TONS/YR)	<sup>3</sup> OTHER TERMS	<sup>4</sup> DM	<sup>5</sup> RATE OR STANDARD	APPLICABLE RULE
		MAXIMUM:					
		TYPICAL:					
		MAXIMUM:					
		TYPICAL:					
		MAXIMUM:					
		TYPICAL:					
		MAXIMUM:					
		TYPICAL:					
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		MAXIMUM:					
		TYPICAL:					
		MAXIMUM:					
		TYPICAL:					
<i>EXAMPLE:</i>		MAXIMUM:	10.0	1.2		2	
<i>Benzene</i>	71432	TYPICAL:	8.0	0.8		2	
						98% by wt control device leak-tight trucks	CFR 61 61.302(b),(d)

**IMPORTANT: ATTACH CALCULATIONS, TO THE EXTENT THEY ARE AIR EMISSIONS RELATED, ON WHICH EMISSIONS WERE DETERMINED AND LABEL AS EXHIBIT 235-6.**

<sup>1</sup>PROVIDE UNCONTROLLED EMISSIONS IF CONTROL EQUIPMENT IS USED. OTHERWISE, PROVIDE ACTUAL EMISSIONS TO THE ATMOSPHERE, INCLUDING INDOORS. CHECK BOX TO SPECIFY.  
<sup>2</sup>CAS - CHEMICAL ABSTRACT SERVICE NUMBER.  
<sup>3</sup>PLEASE PROVIDE ANY OTHER EMISSION RATE WHICH IS COMMONLY USED, REQUIRED BY A SPECIFIC LIMITATION OR THAT WAS MEASURED (E.G., PPM, GR/DSCF, ETC.).  
<sup>4</sup>DM - DETERMINATION METHOD: 1) STACK TEST, 2) MATERIAL BALANCE, 3) STANDARD EMISSION FACTOR (AP-42 OR AIRS, 4) ENGINEERING ESTIMATE, 5) SPECIAL EMISSION FACTOR (NOT AP-42 OR AIRS).  
<sup>5</sup>RATE - ALLOWABLE EMISSION RATE OR STANDARD SPECIFIED BY MOST STRINGENT APPLICABLE RULE.

**CRUSHER EXHAUST POINT INFORMATION**

THIS SECTION SHOULD NOT BE COMPLETED IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.

26) FLOW DIAGRAM DESIGNATION OF EXHAUST POINT:

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

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

39) DISCHARGE HEIGHT ABOVE GRADE (FT):

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

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

32) EXIT GAS FLOW RATE	a) MAXIMUM (ACFM):	b) TYPICAL (ACFM):
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33) EXIT GAS TEMPERATURE	a) MAXIMUM (°F):	b) TYPICAL (°F):
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34) DIRECTION OF EXHAUST (VERTICAL, LATERAL, DOWNWARD):

35) LIST ALL EMISSION UNITS AND CONTROL DEVICES SERVED BY THIS EXHAUST POINT:

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

THE FOLLOWING INFORMATION NEED ONLY BE SUPPLIED IF READILY AVAILABLE.

36a) LATITUDE:	b) LONGITUDE:
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37) UTM ZONE:	b) UTM VERTICAL (KM):	c) UTM HORIZONTAL (KM):
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