



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>GRAIN HANDLING AND          GRAIN DRYING          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) ANNUAL GRAIN THROUGHPUT	TONS/YR: _____	BUSHEL/YR: _____
5) MAXIMUM GRAIN DRYING CAPACITY	BUSHEL/HR: _____	BUSHEL/YR: _____
6) IS THE GRAIN HANDLING FACILITY LOCATED IN A MAJOR POPULATION AREA?		<input type="checkbox"/> YES <input type="checkbox"/> NO
7a) WAS THE CONSTRUCTION OR MODIFICATION OF THIS GRAIN HANDLING FACILITY COMMENCED PRIOR TO JUNE 30, 1975?		<input type="checkbox"/> YES <input type="checkbox"/> NO
b) IF YES, SPECIFY THE ANNUAL GRAIN THROUGHPUT FOR THE YEAR 1975 (BUSHEL/YR): _____		
8) IS THIS GRAIN HANDLING FACILITY IN COMPLIANCE WITH 35 ILL. ADM. CODE 212.461(b)?		<input type="checkbox"/> YES <input type="checkbox"/> NO
9a) WHAT IS THE TOTAL STORAGE CAPACITY OF THE FACILITY (BUSHEL/YR)? _____		
b) IF THE STORAGE CAPACITY IS GREATER THAN OR EQUAL TO 2.5 MILLION BUSHEL, ON WHAT DATE WAS CONSTRUCTION OF THE STORAGE EQUIPMENT STARTED THAT RESULTED IN STORAGE EXCEEDING 2.5 MILLION BUSHEL?		____ / ____ / ____
c) WHAT OTHER EQUIPMENT WAS CONSTRUCTED ON OR AFTER THIS DATE?          		

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** \_\_\_\_\_

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 236-CAAPP

**FOR APPLICANT'S USE**

10) IS THE ENTIRE FACILITY ENTITLED TO AN EXEMPTION AS STATED IN 35 ILL. ADM. CODE 212.461(c)?  YES  NO

11) IF THE ANSWER TO ITEM 10 IS YES, IS AN EXEMPTION BEING REQUESTED PURSUANT TO 35 ILL. ADM. CODE 212.461(c) FOR THE FACILITY?  YES  NO

12) IF THE ANSWER TO ITEM 10 IS NO, ARE CERTAIN SPECIFIC EMISSION UNITS ENTITLED TO AN EXEMPTION UNDER RULE 212.461(c)?  YES  NO

13) IF THE ANSWER TO ITEM 12 IS YES OR IF YOU ARE REQUESTING AN EXEMPTION FOR ONLY CERTAIN EMISSION UNITS, ALTHOUGH YOUR ENTIRE FACILITY MAY BE ENTITLED TO SUCH AN EXEMPTION, IDENTIFY SUCH EMISSION UNITS CLEARLY ON THE PROCESS FLOW DIAGRAM. ALSO, LIST EACH SUCH EMISSION UNIT BELOW FOR WHICH YOU ARE REQUESTING AN EXEMPTION UNDER 35 ILL. ADM. CODE 212.461(c).

NAME	IDENTIFICATION NUMBER

14) PROVIDE THE NAME AND DESIGNATION OF AIR POLLUTION CONTROL EQUIPMENT FOR THIS FACILITY, IF APPLICABLE (FORM 260-CAAPP MUST BE COMPLETED FOR EACH ITEM OF AIR POLLUTION CONTROL EQUIPMENT):

15) IDENTIFY ANY RESTRICTIONS OR LIMITATIONS ON SOURCE OPERATION WHICH AFFECT EMISSIONS (I.E., PRODUCTION VARIATION, ETC.):


18) WHAT AIR FLOW RATING (AGAINST WHAT STATIC PRESSURE) OF THE FAN OR BLOWER IS USED TO INDUCE DRAFT IN THE MAJOR DUMP-PIT AREA? _____ SCFM AT  _____ INCHES OF WATER STATIC PRESSURE	
19) WHAT IS THE EFFECTIVE GRATE AREA OF THE MAJOR DUMP-PIT AREA (SQUARE FT)?	
20) DESCRIBE THE MEANS OR DEVICES EMPLOYED TO ASSURE COMPLIANCE WITH 35 ILL. ADM. CODE 212.462(b)(1)(D). ATTACH AND LABEL AS EXHIBIT 236-2.	
21) DESCRIBE ANY OTHER EQUIPMENT, TECHNIQUE, SYSTEM OR EQUIVALENT THEREOF, USED TO ACHIEVE, AS A MINIMUM, A PARTICULATE MATTER EMISSION REDUCTION EQUAL TO THAT WHICH COULD BE ACHIEVED BY COMPLIANCE TO 35 ILL. ADM. CODE 212.462(b)(1)(A). ATTACH AND LABEL AS EXHIBIT 236-3.	
22) DESCRIBE THE MEANS OR DEVICES USED TO CAPTURE PARTICULATE MATTER EMISSIONS GENERATED DURING CLEANING AND SEPARATING OPERATIONS THAT PREVENT THE RELEASE OF VISIBLE PARTICULATE MATTER EMISSIONS DIRECTLY INTO THE ATMOSPHERE:	
23) ARE THE INTERNAL TRANSFER AREAS ENCLOSED SO AS TO PROHIBIT THE RELEASE OF VISIBLE PARTICULATE MATTER EMISSIONS DIRECTLY INTO THE ATMOSPHERE?	<input type="checkbox"/> YES <input type="checkbox"/> NO
24) DOES THE TRUCK AND HOPPER CAR LOADING SYSTEM EMPLOY SOCKS, SLEEVES, OR THEIR EQUIVALENT WHICH EXTEND AT LEAST 6 INCHES BELOW THE SIDES OF THE RECEIVING VEHICLE; OR IF CHOKE LOADING IS EMPLOYED, IS THE DISCHARGE POINT NO MORE THAN 12 INCHES ABOVE THE SIDES OF THE RECEIVING VEHICLE?	<input type="checkbox"/> YES <input type="checkbox"/> NO

25) DESCRIBE THE MEANS OR DEVICES USED TO PREVENT EMISSIONS OF PARTICULATE MATTER INTO THE ATMOSPHERE FROM ANY BOX CAR LOADING OPERATIONS.

**DRYER OPERATIONS**

26) FOR COLUMN DRYERS, STATE THE LARGEST EFFECTIVE CIRCULAR DIAMETER OF THE TRANSVERSE PERFORATIONS IN THE EXTERNAL SHEETING (INCHES):

27) FOR RACK DRYERS, STATE THE MAXIMUM OPENING OF THE COLLECTION SCREEN USING THE U.S. SIEVE SERIES (MESH):

a) DO THESE COLLECTION SCREENS HAVE SELF-CLEANING MECHANISMS?  YES  NO

b) IF THE ANSWER IS YES, IS THE EXHAUST GAS OF THE SELF-CLEANING MECHANISM EXHAUSTED THROUGH POLLUTION CONTROL EQUIPMENT?  YES  NO

ii) IF THE ANSWER IS YES, COMPLETE FORM 260-CAAPP, "AIR POLLUTION CONTROL EQUIPMENT."

28) FOR OTHER TYPES OF DRYERS, DESCRIBE THE MEANS BY WHICH THE PARTICULATE MATTER EMISSIONS ARE CONTROLLED SO AS TO PROVIDE THE SAME DEGREE OF CONTROL REQUIRED FOR RACK DRYERS:

**APPLICABLE RULES**

29) PROVIDE ANY SPECIFIC EMISSION STANDARD(S) AND LIMITATION(S) SET BY RULE(S) WHICH ARE APPLICABLE TO THIS EMISSION UNIT (E.G., RACK DRYER, PM-10, IAC 212.464(b)(1), <= 0.01 GR/SCF):

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

30) PROVIDE ANY SPECIFIC RECORDKEEPING RULE(S) WHICH ARE APPLICABLE TO THIS EMISSION UNIT:

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

31) PROVIDE ANY SPECIFIC REPORTING RULE(S) WHICH ARE APPLICABLE TO THIS EMISSION UNIT:

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

32) PROVIDE ANY SPECIFIC MONITORING RULE(S) WHICH ARE APPLICABLE TO THIS EMISSION UNIT:

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

33) PROVIDE ANY SPECIFIC TESTING RULES AND/OR PROCEDURES WHICH ARE APPLICABLE TO THIS EMISSION UNIT :

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

**COMPLIANCE INFORMATION**

34) ARE ALL EMISSION UNITS IN COMPLIANCE WITH ALL APPLICABLE RULES AND

YES

NO

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

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

36) EXPLANATION OF HOW ONGOING COMPLIANCE WILL BE DEMONSTRATED:

**(37)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 MONOXIDE (CO)	MAXIMUM:						( )				
	TYPICAL:						( )				
LEAD	MAXIMUM:						( )				
	TYPICAL:						( )				
NITROGEN OXIDES (NOx)	MAXIMUM:						( )				
	TYPICAL:						( )				
PARTICULATE MATTER (PART)	MAXIMUM:						( )				
	TYPICAL:						( )				
PARTICULATE MATTER <= 10 MICROMETERS (PM10)	MAXIMUM:						( )				
	TYPICAL:						( )				
SULFUR DIOXIDE (SO2)	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 ARE AIR EMISSIONS RELATED, ON WHICH EMISSIONS WERE DETERMINED AND LABEL AS EXHIBIT 236-4.**

- <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 \_\_\_\_\_**

**(38) 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:					
		MAXIMUM:					
		TYPICAL:					
		MAXIMUM:					
		TYPICAL:					
		MAXIMUM:					
		TYPICAL:					
		MAXIMUM:					
		TYPICAL:					
<i>EXAMPLE:</i>		MAXIMUM:	<i>10.0</i>	<i>1.2</i>		<i>2</i>	
<i>Benzene</i>	<i>71432</i>	TYPICAL:	<i>8.0</i>	<i>0.8</i>		<i>2</i>	
						<i>98% by wt control device leak-tight trucks</i>	<i>CFR 61 61.302(b),(d)</i>

**IMPORTANT: ATTACH CALCULATIONS, TO THE EXTENT THEY ARE AIR EMISSIONS RELATED, ON WHICH EMISSIONS WERE DETERMINED AND LABEL AS EXHIBIT 236-5.**

<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.