



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>STORAGE TANK DATA AND INFORMATION</b>	<b>FOR AGENCY USE ONLY</b>
	ID NUMBER:
	EMISSION POINT #:
DATE:	

NOTE: THIS INFORMATION FORM MUST BE COMPLETED FOR ANY TANK USED IN THE STORAGE OF AN ORGANIC LIQUID OR ANY MATERIALS CONTAINING HAZARDOUS AIR POLLUTANTS. FOR TANKS USED FOR PURPOSES OTHER THAN STORAGE, SUCH AS MIXING TANKS, DAY TANKS, PROCESS TANKS, ETC., PLEASE COMPLETE FORM 220-CAAPP.

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

<b>GENERAL INFORMATION</b>	
4) TANK DESIGNATION:	
5) FLOW DIAGRAM DESIGNATION OF TANK:	
6) MANUFACTURER OF TANK (IF KNOWN):	
7) SERIAL NUMBER (IF KNOWN):	
8) DATES OF COMMENCING CONSTRUCTION, OPERATION AND/OR MOST RECENT MODIFICATION OF THIS TANK (ACTUAL OR PLANNED)	a) CONSTRUCTION (MONTH/YEAR):
	b) OPERATION (MONTH/YEAR):
	c) LATEST MODIFICATION (MONTH/YEAR):
9) DESCRIPTION OF MODIFICATION (IF APPLICABLE):	
10) DOES THE TANK HAVE MORE THAN ONE MODE OF OPERATION? (E.G., IS THERE MORE THAN ONE PRODUCT STORED IN THE TANK?) <input type="checkbox"/> YES <input type="checkbox"/> NO	
IF YES, EXPLAIN AND IDENTIFY WHICH MODE IS COVERED BY THIS APPLICATION (NOTE: A SEPARATE FORM 232-CAAPP MUST BE COMPLETED FOR EACH MODE):	

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  
232-CAAPP

**FOR APPLICANT'S USE**

11) PROVIDE THE NAME AND DESIGNATION OF ALL AIR POLLUTION CONTROL EQUIPMENT CONTROLLING THIS TANK, IF APPLICABLE (FORM 260-CAAPP AND THE APPROPRIATE 260-CAAPP ADDENDUM FORM MUST BE COMPLETED FOR EACH ITEM OF AIR POLLUTION CONTROL EQUIPMENT):

12) PROVIDE ANY LIMITATIONS ON SOURCE OPERATION AFFECTING EMISSIONS OR ANY WORK PRACTICE STANDARDS (E.G., PRODUCTION VARIATION, ETC.):

**TANK INFORMATION**

13) TANK CAPACITY (SPECIFY BARRELS OR GALLONS):

14) TANK DIAMETER OR WIDTH (FT):

15) TANK HEIGHT (FT):

16) TANK LENGTH (FT):

17) TANK SHAPE (CHECK ONE):

CYLINDRICAL

HORIZONTAL

OTHER; SPECIFY: \_\_\_\_\_

18) OUTSIDE COLOR OF TANK (CHECK ONE):

WHITE

SILVER

OTHER; SPECIFY: \_\_\_\_\_

19) TANK CONDITION (CHECK ONE):

GOOD

FAIR

POOR

20) TANK LOCATION (CHECK ONE):

UNDERGROUND

ABOVEGROUND

21) TANK TYPE (CHECK ONE):

FIXED ROOF

PRESSURE

EXTERNAL FLOATING ROOF

INTERNAL FLOATING ROOF

VARIABLE VAPOR SPACE; SPECIFY VOLUME EXPANSION CAPACITY (bbl): \_\_\_\_\_

OTHER; SPECIFY: \_\_\_\_\_

22) VENT VALVE INFORMATION:

TYPE OF VENT	NUMBER OF VENTS	PRESSURE SETTING (PSIG)	DISCHARGE VENTED TO (ATMOSPHERE, FLARE, VAPOR CONTROL, ETC.)
COMBINATION			
PRESSURE			
VACUUM			
OPEN			

THE INFORMATION IN ITEMS 23 AND 24 BELOW NEED ONLY BE PROVIDED IF READILY AVAILABLE

23a) LATITUDE:

b) LONGITUDE:

24a) UTM ZONE:

b) UTM VERTICAL (KM):

c) UTM HORIZONTAL (KM):

**MATERIAL STORED AND THROUGHPUT INFORMATION**

25) CHEMICAL NAME OF MATERIAL STORED:

26) CAS NO. (IF KNOWN):

27) DENSITY  
(LB/CU.FT.):  
  
(LB/GALLON):

28) VAPOR PRESSURE AT 70 DEGREES  
FAHRENHEIT (PSIA):

29) MOLECULAR WEIGHT  
(LB/LB-MOLE):

30) VAPOR PRESSURE AT MAXIMUM STORAGE TEMPERATURE (PSIA):

31) METHOD USED TO  
DETERMINE VAPOR  
PRESSURE PURSUANT  
TO 35 ILL. ADM. CODE  
215.108, 218.109-111,  
OR 219.109-111:

ASTM D2879-86

PUBLISHED LITERATURE, LIST:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

OTHER; SPECIFY:

\_\_\_\_\_

32) STORAGE TEMPERATURE

MINIMUM (DEGREES  
FAHRENHEIT):

MAXIMUM (DEGREES  
FAHRENHEIT):

33) THROUGHPUT

GAL/DAY:

GAL/YR:

BBLS/DAY:

BBLS/YR:

34) MAXIMUM FILL RATE (GAL/HR):

35) IS A PERMANENT SUBMERGED LOADING PIPE USED?

YES  NO

36) IS A VAPOR BALANCE LINE USED?

YES  NO

37) IS ANY OTHER VAPOR LOSS CONTROL DEVICE USED (OTHER THAN VAPOR  
BALANCE)?

YES  NO

IF YES, COMPLETE "AIR POLLUTION CONTROL EQUIPMENT -- DATA AND  
INFORMATION, " (FORM 260-CAAPP), AS PART OF THIS APPLICATION.

38) ATTACH THE CALCULATIONS, TO THE EXTENT THEY ARE AIR EMISSION RELATED, FROM WHICH THE  
PRECEDING INFORMATION, MATERIAL STORAGE INFORMATION AND THROUGHPUT DATA WERE  
BASED AND LABEL AS EXHIBIT 232-1.

**APPLICABLE RULES**

39) PROVIDE ANY SPECIFIC EMISSION STANDARD(S) AND LIMITATIONS(S) SET BY RULE(S) WHICH ARE APPLICABLE TO THIS TANK (E.G., VOM, IAC 218.121(a), PRESSURE TANK):

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

40) PROVIDE ANY SPECIFIC RECORDKEEPING RULE(S) WHICH ARE APPLICABLE TO THIS TANK:

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

41) PROVIDE ANY SPECIFIC REPORTING RULE(S) WHICH ARE APPLICABLE TO THIS TANK:

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

42) PROVIDE ANY SPECIFIC MONITORING RULE(S) WHICH ARE APPLICABLE TO THIS TANK:

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

43) PROVIDE ANY SPECIFIC TESTING RULES AND/OR PROCEDURES WHICH ARE APPLICABLE TO THIS TANK:

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

44) DOES THE TANK QUALIFY FOR AN EXEMPTION FROM AN OTHERWISE APPLICABLE 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 232-2, OR REFER TO OTHER ATTACHMENT(S) WHICH ADDRESS AND JUSTIFY THIS EXEMPTION.

**COMPLIANCE INFORMATION**

45) IS THE TANK 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.

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

47) EXPLANATION OF HOW ONGOING COMPLIANCE WILL BE DEMONSTRATED:

**TESTING, MONITORING, RECORDKEEPING AND REPORTING**

48a) LIST THE PARAMETERS THAT RELATE TO AIR EMISSIONS FOR WHICH RECORDS ARE BEING MAINTAINED 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 EMISSION UNIT READILY DEMONSTRATED BY REVIEW OF THE RECORDS?  YES  NO

IF NO, EXPLAIN:

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

IF NO, EXPLAIN:

49a) DESCRIBE ANY EMISSION MONITORS USED TO DETERMINE FEES, RULE APPLICABILITY OR COMPLIANCE:

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

49c) DESCRIBE THE LOCATION OF EACH 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 TANK IS IN OPERATION?  YES  NO  
IF NO, EXPLAIN:

50) PROVIDE INFORMATION ON THE MOST RECENT TESTS, IF ANY, IN WHICH THE RESULTS ARE USED FOR PURPOSES OF THE DETERMINATION OF FEES, RULE APPLICABILITY 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 232-3:

TEST DATE	TEST METHOD	TESTING COMPANY	OPERATING CONDITIONS	SUMMARY OF RESULTS
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

REPORTING REQUIREMENTS	TITLE OF REPORT	FREQUENCY
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

**(52)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 (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 232-4.**

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



**FLOATING ROOF TANK EQUIPMENT INFORMATION (IF APPLICABLE)**

54) FLOATING ROOF TYPE (CHECK ONE):  INTERNAL  EXTERNAL  
 OTHER; SPECIFY: \_\_\_\_\_

55) PRIMARY SEAL TYPE (CHECK ONE):  METALLIC SHOE SEAL  LIQUID MOUNTED RESILIENT SEAL  VAPOR MOUNTED RESILIENT SEAL  
 OTHER; SPECIFY: \_\_\_\_\_

56) IS THE FLOATING ROOF EQUIPPED WITH A SECONDARY SEAL?  YES  NO  
IF YES, HOW IS THE SECONDARY SEAL MOUNTED? (CHECK ONE):  SHOE  RIM  
 OTHER; SPECIFY: \_\_\_\_\_

57) IS THE FLOATING ROOF EQUIPPED WITH A WEATHER SHIELD?  YES  NO

58) WHAT IS THE AVERAGE WIND SPEED AT THE TANK SITE (MILES/HR)?

59) WHAT IS THE CONDITION OF THE TANK SHELL INTERIOR? (CHECK ONE):  LIGHT RUST  DENSE RUST  GUNITE LINED  
 OTHER; EXPLAIN: \_\_\_\_\_

60) FOR COLUMN SUPPORTED TANKS, COMPLETE THE FOLLOWING:

NUMBER OF COLUMNS	DIAMETER OF EACH COLUMN (FT)
<input type="text"/>	<input type="text"/>

61) FOR INTERNAL FLOATING ROOF TANKS, COMPLETE THE FOLLOWING:

a) WHAT IS THE METHOD OF BONDING FOR THE DECK?  BOLTING  WELDING  
 OTHER; SPECIFY: \_\_\_\_\_

b) WHAT IS THE TOTAL LENGTH OF ALL DECK SEAMS (FT)?

c) WHAT IS THE DIAMETER OF THE DECK (FT)?

62) FOR INTERNAL FLOATING ROOF TANKS, INDICATE THE NUMBER OF EACH TYPE OF FITTING:

**ACCESS HATCH**

BOLT COVER,  
GASKETED:

UNBOLTED COVER,  
GASKETED:

UNBOLTED COVER,  
UNGASKETED:

**AUTOMATIC GAUGE FLOAT WELL**

BOLTED COVER,  
GASKETED:

UNBOLTED COVER,  
GASKETED:

UNBOLTED COVER,  
UNGASKETED:

**COLUMN WELL**

BUILT-UP COLUMN-SLIDING  
COVER, GASKETED:

BUILT-UP COLUMN-SLIDING  
COVER, UNGASKETED:

PIPE COLUMN-FLEXIBLE  
FABRIC SLEEVE SEAL:

PIPE COLUMN-SLIDING  
COVER, GASKETED:

PIPE COLUMN-SLIDING  
COVER, UNGASKETED:

**LADDER WELL**

SLIDING COVER,  
GASKETED:

SLIDING COVER,  
UNGASKETED:

**SAMPLE PIPE OR WELL**

SLOTTED PIPE-SLIDING  
COVER, GASKETED:

SLOTTED PIPE-SLIDING  
COVER, UNGASKETED:

SAMPLE WELL-SLIT FABRIC  
SEAL (10% OPEN AREA):

**ROOF LEG OR HANGER WELL**

ADJUSTABLE:

FIXED:

**VACUUM BREAKER**

WEIGHTED MECHANICAL  
ACTUATION, GASKETED:

WEIGHTED MECHANICAL  
ACTUATION, UNGASKETED:

**STUB DRAIN**

1 INCH DIAMETER:

**OTHER (EXPLAIN)**

a)

b)

c)