



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>PERCHLOROETHYLENE<br/>       DRY CLEANING<br/>       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) NAME OF EMISSION UNIT:   |                                      |
| 5) NAME OF PROCESS:   |                                      |
| 6) DESCRIPTION OF PROCESS:  |                                      |
| 7) DESCRIPTION OF ITEM OR MATERIAL PRODUCED OR ACTIVITY ACCOMPLISHED:   |                                      |
| 8) FLOW DIAGRAM DESIGNATION OF EMISSION UNIT:   |                                      |
| 9) MANUFACTURER OF EMISSION UNIT (IF KNOWN):  |                                      |
| 10) MODEL NUMBER (IF KNOWN):  | 11) SERIAL NUMBER (IF KNOWN):        |
| 12) DATES OF COMMENCING CONSTRUCTION, OPERATION AND/OR MOST RECENT MODIFICATION OF THIS EMISSION UNIT (ACTUAL OR PLANNED) | a) CONSTRUCTION (MONTH/YEAR):        |
|   | b) OPERATION (MONTH/YEAR):           |
|   | c) LATEST MODIFICATION (MONTH/YEAR): |
| 13) DESCRIPTION OF MODIFICATION (IF APPLICABLE):  |                                      |

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  
 237-CAAPP

**FOR APPLICANT'S USE**

14) DOES THE EMISSION UNIT HAVE MORE THAN ONE MODE OF OPERATION?  YES  NO

IF YES, EXPLAIN AND IDENTIFY WHICH MODE IS COVERED BY THIS FORM (NOTE: A SEPARATE PROCESS EMISSION UNIT FORM 237-CAAPP MUST BE COMPLETED FOR EACH MODE):

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

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16) 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?  YES  NO

IF YES, COMPLETE AND ATTACH FORM 203-CAAPP, "REQUEST TO OPERATE WITH EXCESS EMISSIONS DURING STARTUP OF EQUIPMENT".

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17) PROVIDE ANY LIMITATIONS ON SOURCE OPERATION AFFECTING EMISSIONS OR ANY WORK PRACTICE STANDARDS (E.G., ONLY ONE UNIT IS OPERATED AT A TIME):

**OPERATING INFORMATION**

18) ATTACH THE CALCULATIONS, TO THE EXTENT THEY ARE AIR EMISSION RELATED, FROM WHICH THE FOLLOWING OPERATING INFORMATION, MATERIAL USAGE INFORMATION AND FUEL USAGE DATA WERE BASED AND LABEL AS EXHIBIT 237-1. REFER TO SPECIAL NOTES OF FORM 202-CAAPP.

|                              |            |            |             |
|------------------------------|------------|------------|-------------|
| 19a) MAXIMUM OPERATING HOURS | HOURS/DAY: | DAYS/WEEK: | WEEKS/YEAR: |
| b) TYPICAL OPERATING HOURS   | HOURS/DAY: | DAYS/WEEK: | WEEKS/YEAR: |

|                       |             |             |             |             |
|-----------------------|-------------|-------------|-------------|-------------|
| 20) ANNUAL THROUGHPUT | DEC-FEB(%): | MAR-MAY(%): | JUN-AUG(%): | SEP-NOV(%): |
|-----------------------|-------------|-------------|-------------|-------------|

**MATERIAL USAGE INFORMATION**

| 21a) RAW MATERIALS | MAXIMUM RATES |           | TYPICAL RATES |           |
|--------------------|---------------|-----------|---------------|-----------|
|                    | LBS/HR        | TONS/YEAR | LBS/HR        | TONS/YEAR |
|                    |               |           |               |           |
|                    |               |           |               |           |
|                    |               |           |               |           |
|                    |               |           |               |           |
|                    |               |           |               |           |
|                    |               |           |               |           |
|                    |               |           |               |           |

| 21b) PRODUCTS | MAXIMUM RATES |           | TYPICAL RATES |           |
|---------------|---------------|-----------|---------------|-----------|
|               | LBS/HR        | TONS/YEAR | LBS/HR        | TONS/YEAR |
|               |               |           |               |           |
|               |               |           |               |           |
|               |               |           |               |           |
|               |               |           |               |           |
|               |               |           |               |           |
|               |               |           |               |           |
|               |               |           |               |           |

| 21c) BY-PRODUCT MATERIALS | MAXIMUM RATES |           | TYPICAL RATES |           |
|---------------------------|---------------|-----------|---------------|-----------|
|                           | LBS/HR        | TONS/YEAR | LBS/HR        | TONS/YEAR |
|                           |               |           |               |           |
|                           |               |           |               |           |
|                           |               |           |               |           |
|                           |               |           |               |           |
|                           |               |           |               |           |
|                           |               |           |               |           |
|                           |               |           |               |           |
|                           |               |           |               |           |

| FUEL USAGE DATA  |   |  |
|--|---|--|
| 22a) MAXIMUM FIRING RATE (MILLION BTU/HR):   | b) TYPICAL FIRING RATE (MILLION BTU/HR):                                  | c) DESIGN CAPACITY FIRING RATE (MILLION BTU/HR): |
| d) FUEL TYPE:<br><input type="checkbox"/> NATURAL GAS <input type="checkbox"/> FUEL OIL: GRADE NUMBER _____ <input type="checkbox"/> COAL <input type="checkbox"/> OTHER _____<br>IF MORE THAN ONE FUEL IS USED, ATTACH AN EXPLANATION AND LABEL AS EXHIBIT 237-2. |   |  |
| e) TYPICAL HEAT CONTENT OF FUEL (BTU/LB, BTU/GAL OR BTU/SCF):  | f) TYPICAL SULFUR CONTENT (WT %, NA FOR NATURAL GAS):                     |  |
| g) TYPICAL ASH CONTENT (WT %, NA FOR NATURAL GAS):   | h) ANNUAL FUEL USAGE (SPECIFY UNITS, E.G., SCF/YEAR, GAL/YEAR, TON/YEAR): |  |
| 23) ARE COMBUSTION EMISSIONS DUCTED TO THE SAME STACK OR CONTROL AS PROCESS UNIT EMISSIONS? <input type="checkbox"/> YES <input type="checkbox"/> NO<br>IF NO, IDENTIFY THE EXHAUST POINT FOR COMBUSTION EMISSIONS:  |   |  |

**APPLICABLE RULES**

24) PROVIDE ANY SPECIFIC EMISSION STANDARD(S) AND LIMITATION(S) SET BY RULE(S) WHICH ARE APPLICABLE TO THIS EMISSION UNIT (E.G., VOM, IAC 218.204(j)(4), 3.5 LBS/GAL):

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

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

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

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

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

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

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

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

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

29) DOES THE EMISSION UNIT 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 237-3, OR REFER TO OTHER ATTACHMENT(S) WHICH ADDRESS AND JUSTIFY THIS EXEMPTION.

**COMPLIANCE INFORMATION**

30) IS THE EMISSION UNIT 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.

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

32) EXPLANATION OF HOW ONGOING COMPLIANCE WILL BE DEMONSTRATED:

**TESTING, MONITORING, RECORDKEEPING AND REPORTING**

33a) 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 |
|-----------|---------------------|-----------------------|-----------|
|           |                     |                       |           |
|           |                     |                       |           |
|           |                     |                       |           |
|           |                     |                       |           |
|           |                     |                       |           |

33b) 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 SUBMITTAL TO THE AGENCY UPON REQUEST?  YES  NO

IF NO, EXPLAIN:

34a) DESCRIBE ANY MONITORS OR MONITORING ACTIVITIES USED TO DETERMINE FEES, RULE APPLICABILITY OR COMPLIANCE:

b) WHAT PARAMETER(S) IS(ARE) BEING MONITORED (E.G., VOM EMISSIONS TO ATMOSPHERE)?

c) DESCRIBE THE LOCATION OF EACH MONITOR (E.G., IN STACK MONITOR 3 FEET FROM EXIT):

34d) 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:

35) 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 237-4:

| TEST DATE | TEST METHOD | TESTING COMPANY | OPERATING CONDITIONS | SUMMARY OF RESULTS |
|-----------|-------------|-----------------|----------------------|--------------------|
|           |             |                 |                      |                    |
|           |             |                 |                      |                    |
|           |             |                 |                      |                    |
|           |             |                 |                      |                    |

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

| REPORTING REQUIREMENTS | TITLE OF REPORT | FREQUENCY |
|------------------------|-----------------|-----------|
|                        |                 |           |
|                        |                 |           |
|                        |                 |           |

**(37)EMISSION INFORMATION**

| REGULATED AIR POLLUTANT                     |          | <input type="checkbox"/> <sup>1</sup> ACTUAL EMISSION RATE<br><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 237-5.**

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



**EXHAUST POINT INFORMATION**

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

39) FLOW DIAGRAM DESIGNATION OF EXHAUST POINT:

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

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

42) DISCHARGE HEIGHT ABOVE GRADE (FT):

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

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

|                        |                    |                    |
|------------------------|--------------------|--------------------|
| 45) EXIT GAS FLOW RATE | a) MAXIMUM (ACFM): | b) TYPICAL (ACFM): |
|------------------------|--------------------|--------------------|

|                          |                  |                  |
|--------------------------|------------------|------------------|
| 46) EXIT GAS TEMPERATURE | a) MAXIMUM (°F): | b) TYPICAL (°F): |
|--------------------------|------------------|------------------|

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

48) 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.

|                |               |
|----------------|---------------|
| 49a) LATITUDE: | b) LONGITUDE: |
|----------------|---------------|

|               |                       |                         |
|---------------|-----------------------|-------------------------|
| 50) UTM ZONE: | b) UTM VERTICAL (KM): | c) UTM HORIZONTAL (KM): |
|---------------|-----------------------|-------------------------|