



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
 DIVISION OF AIR POLLUTION CONTROL -- PERMIT SECTION  
 P.O. BOX 19506  
 SPRINGFIELD, ILLINOIS 62794-9506

**FOR APPLICANT'S USE**

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

<b>SUPPLEMENTAL FORM PRINTING AND PUBLISHING</b>	<b>FOR AGENCY USE ONLY</b>
	ID NUMBER: _____
	EMISSION POINT #: _____
	DATE: _____

THIS FORM IS USED TO PROVIDE INFORMATION SUPPLEMENTING FORM 220-CAAPP. BOTH THESE FORMS MUST BE SUPPLIED TO THE AGENCY FOR EACH PRINTING LINE.

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

<b>GENERAL INFORMATION</b>	
4) APPLICANT'S DESIGNATION OF PRINTING LINE (SHOULD CONCUR WITH FORM 220-CAAPP, E.G., LINE #10): _____	
5) SPECIFIC TYPE OF PRESS (E.G., HEATSET-WEB-OFFSET LITHOGRAPHIC): _____	
6) SPECIFIC SUBSTRATE MATERIAL (E.G., NEWSPAPER): _____	
7) SUBSTRATE FEED METHOD (E.G., CONTINUOUS WEB): _____	
8) DRYING METHOD (E.G., 2-STAGE OVEN): _____	
9) FINAL PRODUCT (E.G., NEWSPAPER INSERT): _____	
10) ARE COATING OPERATIONS ALSO BEING PERFORMED ON THIS LINE? <small>(NOTE: IF BOTH PRINTING AND COATING ARE PERFORMED, THEN THE COATING OPERATION FORM 301-CAAPP SHOULD ALSO BE SUBMITTED FOR THIS LINE, ALONG WITH THIS FORM.)</small>	
<input type="checkbox"/> YES <input type="checkbox"/> NO	
IF YES, EXPLAIN: _____	
11) INDICATE WHICH OF THE FOLLOWING COMPLIANCE METHODS IS TO BE USED:	
<input type="checkbox"/> USE OF COMPLIANT INKS/COATINGS ONLY	<input type="checkbox"/> ADD-ON CONTROL
<input type="checkbox"/> COMBINATION OF THE ABOVE	<input type="checkbox"/> DAILY-WEIGHTED AVERAGE

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  
302-CAAPP

**FOR APPLICANT'S USE**

12) IF THE PRINTING LINE IS TO COMPLY WITH A DAILY-WEIGHTED AVERAGE THEN PROVIDE DETAILED INFORMATION AND CALCULATIONS THAT DEMONSTRATE COMPLIANCE TO THE APPLICABLE RULE(S) AND EXPLAIN THE MEANS BY WHICH ONGOING COMPLIANCE WILL BE DEMONSTRATED. ATTACH AND LABEL THIS INFORMATION AS EXHIBIT 302-1. THIS INFORMATION SHOULD BE PRESENTED IN A CLEAR AND CONCISE MANNER.

**MATERIAL USAGE INFORMATION**

13) COMPLETE THE FOLLOWING FOR EACH INK AND COATING USED ON THIS LINE:

	GENERIC NAME (E.G., BLACK INK)	INK OR COATING IDENTIFICATION (E.G., BLACK 101)	ANNUAL USAGE (GAL/YR)	
			MAXIMUM	TYPICAL
a)				
b)				
c)				
d)				
e)				
f)				

14) COMPLETE THE FOLLOWING FOR EACH VOM CONTAINING DILUTION MATERIAL USED ON THIS LINE:

	GENERIC NAME (E.G., TOLUENE)	DENSITY (LB/GAL)	ANNUAL USAGE (GAL/YR)	
			MAXIMUM	TYPICAL
a)				
b)				
c)				

15) COMPLETE THE FOLLOWING FOR EACH FOUNTAIN SOLUTION USED ON THIS LINE, IF APPLICABLE (PROPERTIES MUST BE ON AN "AS APPLIED TO THE ROLLER" BASIS, E.G., IF USING A FOUNTAIN CONCENTRATE, SUPPLY THE PROPERTIES AFTER ANY DILUTION):

	GENERIC NAME (E.G., GLYCOL)	DENSITY (LB/GAL)	VOM CONTENT (WEIGHT %)	ANNUAL USAGE (GAL/YR)	
				MAXIMUM	TYPICAL
a)					
b)					
c)					

16) COMPLETE THE FOLLOWING FOR EACH VOM MATERIAL USED FOR CLEANUP ON THIS LINE:

	GENERIC NAME	DENSITY (LB/GAL)	VOM CONTENT (WEIGHT %)	ANNUAL USAGE (GAL/YR)	
				MAXIMUM	TYPICAL
a)					
b)					
c)					

17a) PROVIDE THE MAXIMUM AND AVERAGE AMOUNT OF VOM CONTAINING MATERIALS RECLAIMED AND/OR SHIPPED OFF SITE AND HENCE, NOT EMITTED:

MAXIMUM  
(GAL/YR)

TYPICAL  
(GAL/YR)

MAXIMUM  
(TON/YR)

TYPICAL  
(TON/YR)

b) EXPLAIN IN DETAIL THE MEANS BY WHICH VOM CONTAINING MATERIALS ARE COLLECTED FOR RECLAMATION AND/OR DISPOSAL (IF APPLICABLE):

c) EXPLAIN IN DETAIL THE MEANS BY WHICH THE AMOUNT OF VOM CONTAINING MATERIALS COLLECTED IS MEASURED OR DETERMINED:

18a) USING MATERIAL BALANCE AND THE ANNUAL USAGE, RECLAMATION RATES, AND INK PROPERTIES INFORMATION PROVIDED, CALCULATE THE TOTAL ANNUAL UNCONTROLLED VOM EMISSIONS FROM THIS PRINTING LINE:

MAXIMUM  
(TON/YR)

TYPICAL  
(TON/YR)

b) ATTACH DETAILED CALCULATIONS USED TO CALCULATE THE ABOVE VALUES AND LABEL AS EXHIBIT 302-2

NOTE: SPECIFIC USAGE RATES OF EACH INK/COATING, DILUTION MATERIAL, AND FOUNTAIN SOLUTION MUST BE SUPPLIED SEPARATELY ON FORM 220-CAAPP.

**INK PROPERTIES ADDENDUM**

FOR EACH INK/COATING USED, SUPPLY THE FOLLOWING PROPERTIES OF THE COATING "**AS APPLIED**" TO THE SUBSTRATE, EXCEPT WHERE OTHERWISE NOTED. COPIES OF THIS PAGE MAY BE MADE BY THE APPLICANT AS NEEDED. ATTACH ALL COMPLETED ADDENDUM

19) INK/COATING IDENTIFICATION:

20) INK/COATING SUPPLIER:

21) DESIGNATION OF PRINTING LINE(S) THAT THIS INK/COATING IS USED UPON:

a)	
b)	
c)	

22a) INK DENSITY (LB/GAL):

b) INK DENSITY (LB/GAL "AS SUPPLIED"):

23) WEIGHTED AVERAGE DENSITY OF DILUTION SOLVENT (LB/GAL):

24) DILUTION SOLVENT RATIO --  

$$\left( \frac{\text{GAL DILUENT}}{\text{GAL COATING "AS SUPPLIED"}} \right)$$

25) WATER AND EXEMPT COMPOUND CONTENT

a) WEIGHT PERCENT

b) VOLUME PERCENT

 %

 %

26) VOM CONTENT

a) WEIGHT PERCENT VOM

b) VOLUME PERCENT VOM

 %

 %

c) LB VOM/GAL OF INK/COATING (LESS WATER & EXEMPT COMPOUNDS)

d) LB VOM/GAL OF INK/COATING "AS SUPPLIED" (LESS WATER & EXEMPT COMPOUNDS)

e) LB VOM/GAL SOLIDS




27) VOLATILE SYSTEM COMPOSITION

MATERIAL

VOLUME PERCENT OF VOLATILE SYSTEM (COLUMN TOTAL EQUALS 100%)

a)	
b)	
c)	
d)	
e)	
f)	

	%
	%
	%
	%
	%
	%

NOTE: INK AND COATING PROPERTIES MUST BE DETERMINED USING THE PROPER TEST METHODS AND PROCEDURES. TYPICALLY, METHOD 24 OF 40 CFR 60, APPENDIX A SHOULD BE USED FOR ALL INKS AND COATINGS EXCEPT THOSE USED ON A ROTOGRAVURE PRESS, IN WHICH CASE METHOD 24A OF 40 CFR 60, APPENDIX A SHOULD BE USED. IF METHOD 24 OR 24A IS NOT USED, ATTACH A DETAILED EXPLANATION AND JUSTIFICATION FOR USING AN ALTERNATIVE METHOD. LABEL THIS ATTACHMENT EXHIBIT 302-3.