



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
 DIVISION OF AIR POLLUTION CONTROL -- PERMIT SECTION  
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 SPRINGFIELD, ILLINOIS 62794-9506

**FOR APPLICANT'S USE**

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

<b>SUPPLEMENTAL FORM COATING OPERATION</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 COATING 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 COATING LINE (SHOULD CONCUR WITH FORM 220-CAAPP, E.G., PRIME LINE #10): _____		
5) TYPE OF COATING BEING PERFORMED (E.G., PRIME, CLEAR, REPAIR, POWDER, TOPCOAT, SEALER): _____		
6) SUBSTRATE MATERIAL(S) (E.G., METAL COIL, PAPER WEB): _____		
7) METHOD OF COATING APPLICATION (E.G., HAND-HELD ELECTROSTATIC SPRAY GUN): _____		
8) DRYING METHOD (E.G., CONVEYORIZED 2-STAGE OVEN): _____		
9) FINAL PRODUCT (E.G., RUST-PROOFED COATED METAL UTILITY SHELF): _____		
10) WILL THE FINAL PRODUCT BE EXPOSED TO EXTREME ENVIRONMENTAL CONDITIONS DURING ITS INTENDED USE? <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 COATINGS ONLY	<input type="checkbox"/> ADD-ON CONTROL	<input type="checkbox"/> DAILY-WEIGHTED AVERAGE
<input type="checkbox"/> AGGREGATION OF EMISSION SOURCES	<input type="checkbox"/> COMBINATION OF THE ABOVE	<input type="checkbox"/> NOT 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  
301-CAAPP

**FOR APPLICANT'S USE**

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 CONATINING MATERIALS COLLECTED IS MEASURED OR DETERMINED:

17a) USING A MATERIAL BALANCE AND THE ANNUAL USAGE, RECLAMATION RATES, AND COATING PROPERTIES INFORMATION PROVIDED, CALCULATE THE TOTAL ANNUAL UNCONTROLLED VOM EMISSIONS FROM THIS COATING LINE:

MAXIMUM  
(TON/YR)

TYPICAL  
(TON/YR)

b) ATTACH THE CALCULATIONS ON WHICH ABOVE VALUES ARE BASED AND LABEL AS EXHIBIT 301-2 :

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

12) IF THE COATING LINE IS TO COMPLY TO SECTION 215.207 (AGGREGATION OF EMISSION SOURCES) OR TO EITHER SECTIONS 218.205 OR 219.205 (DAILY-WEIGHTED AVERAGE), THEN PROVIDE DETAILED INFORMATION AND CALCULATIONS THAT DEMONSTRATE COMPLIANCE AND EXPLAIN THE MEANS BY WHICH ONGOING COMPLIANCE WILL BE DEMONSTRATED. ATTACH AND LABEL THIS INFORMATION AS EXHIBIT 301-1. THIS INFORMATION SHOULD BE PRESENTED IN A CLEAR AND CONCISE MANNER.

**MATERIAL USAGE INFORMATION**

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

	GENERIC NAME (E.G., VARNISH, LACQUER)	COATING IDENTIFICATION (E.G., ACME BLUE 101)	ANNUAL USAGE (GAL/YR)	
			MAXIMUM	TYPICAL
a)				
b)				
c)				
d)				
e)				
f)				

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

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

16a) PROVIDE THE MAXIMUM AND AVERAGE AMOUNT OF VOM CONTAINING MATERIAL RECLAIMED AND/OR SHIPPED OFF-SITE AND HENCE, NOT EMITTED:

MAXIMUM (GAL/YR)	TYPICAL (GAL/YR)
MAXIMUM (TON/YR)	TYPICAL (TON/YR)

**COATING PROPERTIES ADDENDUM**

FOR EACH COATING USED AT THE SOURCE, 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 ADDENDUMS.

18) COATING IDENTIFICATION:

19) COATING SUPPLIER:

20) DESIGNATION OF COATING LINE(S) THAT THIS COATING IS USED UPON:

a)	
b)	
c)	

21a) COATING DENSITY (LB/GAL):

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

22) WEIGHTED AVERAGE DENSITY OF DILUTION MATERIAL (LB/GAL):

23) DILUTION MATERIAL RATIO:  

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

24) WATER AND EXEMPT COMPOUND CONTENT OF COATING

a) WEIGHT PERCENT	b) VOLUME PERCENT
%	%

25) VOM CONTENT OF COATING

a) WEIGHT PERCENT VOM	b) VOLUME PERCENT VOM	
%	%	
c) LB VOM/GAL OF COATING (LESS WATER & EXEMPT COMPOUNDS)	d) LB VOM/GAL OF COATING "AS SUPPLIED" (LESS WATER & EXEMPT COMPOUNDS)	e) LB VOM/GAL SOLIDS

26) VOLATILE SYSTEM COMPOSITION

	MATERIAL	VOLUME PERCENT OF VOLATILE SYSTEM (COLUMN TOTAL EQUALS 100%)
a)		%
b)		%
c)		%
d)		%
e)		%
f)		%

27) WAS METHOD 24 OF 40 CFR 60, APPENDIX A, USED TO MEASURE THE "AS APPLIED" COATING PROPERTIES?  YES  NO

IF METHOD 24 WAS NOT USED, ATTACH A DETAILED EXPLANATION AND JUSTIFICATION OF WHY AN ALTERNATIVE METHOD WAS USED. LABEL THIS ATTACHMENT EXHIBIT 301-3.