

Surface Coating

Facility Name:

Permit Number:

General information:

1. Materials being coated	<input style="width: 100%; height: 20px;" type="text"/>	
	<input style="width: 100%; height: 20px;" type="text"/>	
	<input style="width: 100%; height: 20px;" type="text"/>	
2. Coating equipment	<input style="width: 100%; height: 20px;" type="text"/>	
	<input style="width: 100%; height: 20px;" type="text"/>	
	<input style="width: 100%; height: 20px;" type="text"/>	
3. Type of paint guns	<input style="width: 100%; height: 20px;" type="text"/>	
	<input style="width: 100%; height: 20px;" type="text"/>	
	<input style="width: 100%; height: 20px;" type="text"/>	
4. Paint booths? When were they or will they be installed?	Paint Booth ID	Date installed
	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>
	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>
	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>
5. Powder coatings or other special coating processes used? (describe)	<input style="width: 100%; height: 20px;" type="text"/>	
	<input style="width: 100%; height: 20px;" type="text"/>	
	<input style="width: 100%; height: 20px;" type="text"/>	
6. Are there any pollution controls? If yes, complete an appropriate AQ300 series form and list the ID numbers here	<input style="width: 100%; height: 20px;" type="text"/>	
7. Capture efficiency (%) and basis	<input style="width: 100%; height: 20px;" type="text"/>	
	<input style="width: 100%; height: 20px;" type="text"/>	
	<input style="width: 100%; height: 20px;" type="text"/>	
8. Source test results:	Date	<input style="width: 100%; height: 20px;" type="text"/>
	Inlet concentration (ppm)	<input style="width: 100%; height: 20px;" type="text"/>
	Outlet concentration (ppm)	<input style="width: 100%; height: 20px;" type="text"/>
	Mass emissions rate (lb/hr)	<input style="width: 100%; height: 20px;" type="text"/>
	Destruction efficiency (%)	<input style="width: 100%; height: 20px;" type="text"/>
9. Equipment cleaning operations and solvents:	<input style="width: 100%; height: 20px;" type="text"/>	
	<input style="width: 100%; height: 20px;" type="text"/>	
	<input style="width: 100%; height: 20px;" type="text"/>	

10. Waste materials handled and disposed of	
11. Odor or nuisance complaints	
12. Boilers at the facility? (yes or no) If yes, complete form AQ208 and list the identification numbers here	
13. Curing or drying ovens? (yes or no) If yes, complete form AQ206 and list the identification numbers here	
14. Sources of particulate emissions: Describe fugitive emission sources here. Otherwise complete an appropriate AQ200 series form.	
15. Operating Schedule:	
Projected maximum hours/day	
Projected maximum days/week	
Projected maximum weeks/year	

Potential to emit:

1. Uncontrolled VOC PTE		tons/yr
2. Controlled VOC PTE		tons/yr
3. Integral controls? (yes or no) Controls efficiency alarms? (yes or no)		
4. Year of highest VOC emissions?		year
a. VOC emissions		tons/yr
b. Hours of production		hours
c. Number of shifts		number
d. Operating at capacity (yes or no)		
5. Is the facility a major source of VOC emissions? (yes or no)		
6. Controlled single HAP PTE		tons/yr
7. Controlled combined HAP PTE		tons/yr
8. Greater than 10 tons/year single HAP? (yes or no) Greater than 25 tons/year combined HAPS? (yes or no)		
9. Projected change in chemical usage or equipment changes in the next 5 years? (yes or no) (If yes, see instructions)		

RACT, NSPS, NESHAP applicability:

1. Are any of the following RACT requirements applicable to the facility? (enter yes or no)	
Surface Coating in Manufacturing (if yes, complete questions 5-7)	
Aerospace Component Coating Operations (if yes, complete questions 8 & 9)	
Degreaser (if yes, complete question 10)	
Flat Wood Coating (if yes, complete question 11)	

Non-categorical RACT information:

2. For each non-categorical RACT regulated emission unit, calculate the following:	
a. Maximum projected actual hourly and annual VOC emissions	tons/hour
b. Maximum projected actual hourly and annual VOC emissions before add-on controls	tons/hour
c. Potential annual VOC emissions	tons/hour
d. Potential annual VOC emissions before add-on controls	tons/hour

3. List VOC content of each coating as applied.	
Coating	VOC Content

4. Control devices:	
ID Number	Type of Control Device

Surface coating in manufacturing RACT information:

5. As applied coating information:						
Coating name and type	Quantity, gal. (normal daily usage)	Coating weight, as applied, pounds per gal.	VOC content, as applied, pounds per gal.	Water content, as applied, pounds per gal.	Exempt solvent content, as applied, pounds per gal	Solids content, as applied, pounds per gal.

6. Powder Coating Information:		
Powder Coating Name	Theoretical coverage area for a gallon of coating at the regulatory	Percent solids by volume of the theoretical coating

7. Control devices:	
ID Number	Type of Control Devise

Aerospace component coating operations RACT information:

8. As applied coating information:						
Coating name and type	Quantity, gal. (normal daily usage)	Coating weight, as applied, pounds per gal.	VOC content, as applied, pounds per gal.	Water content, as applied, pounds per gal.	Exempt solvent content, as applied, pounds per gal	Solids content, as applied, pounds per gal.

9. Powder coating information		
Powder coating Name	Theoretical coverage area for a gallon of coating at the regulatory limit	Percent solids by volume of the theoretical coating

Degreaser RACT information:

10. Degreaser information:			
Degreaser identification	Degreaser type	Date installed	Solvents

Flat wood coating RACT information:

11. As applied coating information:				
Coating name and type*	Quantity, gal. (normal daily usage)	Coating weight, as applied, #/gal.	VOC content, as applied, #/gal.	Surface area coated, regardless of number of coats

12. Are any of the following NSPS requirements applicable to the facility? (enter yes or no)	
a. Surface Coating of Metal Furniture (if yes, complete questions 13-16)	
b. Automobile and Light Duty Truck Surface Coating	
c. Tape and Label Surface Coating	
d. Industrial Surface Coating: Large Appliances	
e. Metal Coil Surface Coating	
f. Beverage Can Surface Coating Industry	
g. Flexible Vinyl and Urethane Coating and Printing	
h. Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines (if yes, complete questions 17 & 18)	
i. Polymeric Coating of Supporting Substrates Facilities	

Surface coating of metal furniture NSPS information:

13. List specific paint lines or paint booths that have been constructed, modified, or reconstructed since 11/28/80 and the date installed.	Equipment	Date
	Equipment	Date
	Equipment	Date
	Equipment	Date
14. What was the highest annual volume of coating used, as applied, over the past 2 years		gallons/year
15. What is the projected maximum annual volume of coating to be used, as applied, during the next 5 years		gallons/year

16. As applied coating information:							
Coating name	Projected daily quantity used (as applied), gal.	Coating weight, #/gal.	VOC content, as applied, #/gal.	Solids content, as applied, #/gal	Transfer efficiency	Capture Efficiency	Destruction Efficiency

Industrial surface coating: surface coating of plastic parts for business machines NSPS information:

17. List specific paint lines or paint booths that have been constructed, modified, or reconstructed since 11/28/80 and the date installed.	

18. As applied coating information:							
Coating name	Coating type	Coating weight, pounds per gal.	VOC content, as applied, pounds per gal.	Solids content, as applied, pounds per gal	Transfer Efficiency	Capture Efficiency	Destruction Efficiency

19. Are any of the following NESHAP requirements applicable to the facility? (enter yes or no)

a. Hard and Decorative Chromium Electroplating and Chromium Anodizing

b. Halogenated Solvent Cleaning

c. Magnetic Tape Operations

d. Aerospace Manufacturing and Rework Facilities

e. Shipbuilding and Ship Repair Operations

f. Wood Furniture Manufacturing Operations