

### Source Classification Code Table

SCC Code	Description 1	Description 2	Description 3	Description 4 <i>(corresponds to OEPA description)</i>
40202010, 40202011, 40202012, 40202013, 40202015, 40202020, 40202021, 40202022, 40202023, 40202024, 40202025, 40202031, 40202032, 40202033, 40202034, 40202035, 40202036, 40202037, 40202038, 40202039, 40202099, 40202001, 40202002, 40202003, 40202004, 40202005	Petroleum and Solvent Evaporation	Surface Coating Operations	Metal Furniture Operations	Metal Furniture Operations with VOC emissions > 10 TPY*

### Best Available Technology Limit Table

BAT #	<u>OEPA Description</u>	Pollutant	Control equip/ Control meas.	Eff.	Stack	Fugitive
00001	Prime Coat	VOC	No Control	-	Written work practice plan;  3.0 lbs VOC/gal of coating, excluding water and exempt solvents as a daily volume-weighted average	-
00002	Prime Coat	VOC	Capture system & Thermal or Catalytic incinerator or other VOC control device	81% overall and 90% reduction	(1) written work practice plan;  (2) 5.1 lbs VOC/gal of solids	-
00003	Prime Coat	VOC	-	-	An alternative emission limitation based upon a transfer efficiency (determined using a test method) greater than 60 percent.	-
00004	Top Coat	VOC	No Control		(1) written work practice plan;	-

					(2) 3.0 lbs VOC/gal of coating, excluding water and exempt solvents as a daily volume-weighted average.	
00005	Top Coat	VOC	Control	-	(1) written work practice plan;  (2) 5.1 lbs VOC/gal of solids	-
00006	Top Coat	VOC			An alternative emission limitation based upon a transfer efficiency (determined using a test method) greater than 60 percent.	-
00007	Single Coat Coating Line	VOC	No Control		(1) written work practice plan;  (2) 3.0 lbs VOC/gal of coating, excluding water and exempt solvents as a daily volume-weighted average.	
00008	Single Coat Coating Line	VOC	Control		(1) written work practice plan;  (2) 5.1 lbs VOC/gal of solids	
00009	Single Coat Coating Line	VOC			An alternative emission limitation based upon a transfer efficiency (determined using a test method) greater than 60 percent.	

00010	Equipment Cleanup	VOC	No Control		(1) written work practice plan;  (2) 3.0 lbs VOC/gal of coating, excluding water and exempt solvents as a daily volume-weighted average.	
00011	"general, one component" coatings category	VOC			CTGs for these product categories recommended an emissions limit of 0.275 kg VOC/l (2.3 lbs/gal) of coating, excluding water and exempt compounds, as applied  The final CTGs for metal furniture coatings and large appliance coatings include separate recommended limits for baked coatings and air-dried coatings in the following categories: general, one component; general, multi-component; extreme high gloss; extreme performance; heat resistant; metallic; pretreatment; and solar absorbent.	
00012	"general, one component" coatings category	VOC	Capture System			
00013	"general, one component" coatings category	VOC	Carbon Adsorber			

00014	"general, one component" coatings category	VOC	Refrigeration System			
00015	"general, one component" coatings category	VOC	Incinerator System			

**BAT Operational Restrictions, Monitoring, Record Keeping, Reporting and Testing Table**

<b>BAT #</b>	<b>Operational Restriction</b>	<b>Monitoring and Record Keeping</b>	<b>Reporting</b>	<b>Testing</b>
00001	Use compliant coatings	Daily Records : a. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied; and b. the daily volume-weighted average VOC content of all coatings excluding water and exempt solvents, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2. c. number of gallons of cleanup material employed; the VOC content of the cleanup material in lbs/gal.	1. Initial Compliance status report;  2. deviation report of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation, within 45 days after the exceedance occurs.  3. Annual report for total coating usage (Gallons) and VOC emissions (Ton per year).	Emission Limitation: 3.0 lbs VOC/gal less water and exempt solvents. Applicable Compliance Method : Compliance shall be determined based on a daily volume-weighted average of all coatings employed on each day. Compliance shall be determined based on the record keeping from Section C.1 using the formula from OAC rule 3745-21-10(B)(9) for CVOC,2
00002	Must employ control system at all times emission unit is in operation	continuously monitor and record control equipment operating parameters: Duct Flow, Duct Pressure, temperature.... Must operate the VOC emission control system at a three-hour block average value greater than or less than (as appropriate) the operating limits established during the most recent compliance test that demonstrated	1. Initial Compliance status report; 2. Quarterly deviation reports	Applicable Compliance Method: Compliance shall be determined based upon the recordkeeping specified, &

		compliance, except during periods of startup, shutdown, and malfunction		Performance testing
00003	-	Daily Records	Quarterly deviation reports	Applicable Compliance Method: Compliance shall be determined based upon the recordkeeping specified, & Performance testing
00004	-	Daily Records : a. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied; and b. the daily volume-weighted average VOC content of all coatings excluding water and exempt solvents, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2. c. number of gallons of cleanup material employed; the VOC content of the cleanup material in lbs/gal.	1. Initial Compliance status report; 2. deviation report of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation, within 45 days after the exceedance occurs. 3. Annual report for total coating usage (Gallons) and VOC emissions (Ton per year).	Emission Compliance shall be determined based on a daily volume-weighted average of all coatings employed on each day. Compliance shall be determined based on the record keeping from Section C.1 using the formula from OAC rule 3745-21-10(B)(9) for CVOC,2
00005	Must employ control system at all times emission unit is in operation	continuously monitor and record control equipment operating parameters: Duct Flow, Duct Pressure, temperature... Must operate the VOC emission control system at a three-hour block average value greater than or less than (as appropriate) the operating limits established during the most recent compliance test that demonstrated compliance, except during periods of startup, shutdown, and malfunction	1. Initial Compliance status report; 2. Quarterly deviation reports	Applicable Compliance Method: Compliance shall be determined based upon the recordkeeping specified, & Performance testing
00006	-	Daily Records	Quarterly deviation reports	Applicable

				Compliance Method: Compliance shall be determined based upon the recordkeeping specified, & Performance testing
00007		Daily Records : a. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied; and b. the daily volume-weighted average VOC content of all coatings excluding water and exempt solvents, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2. c. number of gallons of cleanup material employed; the VOC content of the cleanup material in lbs/gal.	1. Initial Compliance status report; 2. deviation report of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation, within 45 days after the exceedance occurs. 3. Annual report for total coating usage (Gallons) and VOC emissions (Ton per year).	Compliance shall be determined based on a daily volume-weighted average of all coatings employed on each day. Compliance shall be determined based on the record keeping from Section C.1 using the formula from OAC rule 3745-21-10(B)(9) for CVOC,2
00008	Must employ control system at all times emission unit is in operation	continuously monitor and record control equipment operating parameters: Duct Flow, Duct Pressure, temperature.... Must operate the VOC emission control system at a three-hour block average value greater than or less than (as appropriate) the operating limits established during the most recent compliance test that demonstrated compliance, except during periods of startup, shutdown, and malfunction	1. Initial Compliance status report; 2. Quarterly deviation reports	Compliance shall be determined based upon the recordkeeping specified, & Performance testing
00009	-	Daily Records	Quarterly deviation reports	Compliance shall be determined based upon the recordkeeping specified, & Performance

				testing
00010	-	Daily Records : a. number of gallons of cleanup material employed; the VOC content of the cleanup material in lbs/gal.	1. Initial Compliance status report; 2. deviation report of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation, within 45 days after the exceedance occurs. 3. Annual report for total coating usage (Gallons) and VOC emissions (Ton per year).	Compliance shall be determined based upon the recordkeeping specified
00011		(1) daily within-coating unit averaging, (2) using low VOC coatings in conjunction with capture and control devices		
00012		Daily records: Fan Power use, Duct Flow, Duct Pressure		
00013		Daily Records: Bed Temperature, bed vacuum pressure, pressure at vacuum pump. Accumulated time of operation, concentration of VOC in the outlet gas, solvent recovery		
00014		Daily Records: Compressor discharge and suction pressures, condenser fluid temperature, solvent recovery		
00015		Daily Records: Exhaust gas temperature, temperature rise across a catalytic incinerator bed, flame temperature, accumulated time of incinerator		

\* Exemptions: Total VOC emissions from coating Operations are less than 15 lb/day before add-on Control. (Remaining 64 Counties: Existing facilities (for which Construction or modification commenced before October 19, 1979) and have the potential to emit Less than 100 tpy VOC.)