

SUBCHAPTER C—AIR PROGRAMS (CONTINUED)

PART 63—NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES

Subpart QQQ—National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting

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- 63.1441 Am I subject to this subpart?
- 63.1442 What parts of my plant does this subpart cover?
- 63.1443 When do I have to comply with this subpart?

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- 63.1444 What emissions limitations and work practice standards must I meet for my copper concentrate dryers, smelting furnaces, slag cleaning vessels, and copper converter departments?
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- 63.1450 What test methods and other procedures must I use to demonstrate initial compliance with the emission limitations?
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- 63.1511 Performance test/compliance demonstration general requirements.
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63.1563 When do I have to comply with this subpart?

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for Hazardous Air Pollutants: Publicly
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plants?

INDUSTRIAL POTW TREATMENT PLANT
DESCRIPTION AND REQUIREMENTS

- 63.1582 What are the characteristics of an
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63.1583 What are the emission points and
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POTW treatment plant?
63.1584 When do I have to comply?
63.1585 How does an industrial POTW treat-
ment plant demonstrate compliance?

NON-INDUSTRIAL POTW TREATMENT PLANT
REQUIREMENTS

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POTW treatment plant?
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63.1589 What records must I keep?
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63.1592 Which General Provisions apply to
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63.1594 Who enforces this subpart?
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63.1651 Definitions.
63.1652 Emission standards.
63.1653 Opacity standards.
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63.1655 Maintenance requirements.

- 63.1656 Performance testing, test methods,
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63.1658 Notification requirements.
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**Subpart AAAA—National Emission Stand-
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nicipal Solid Waste Landfills**

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63.1935 Am I subject to this subpart?
63.1940 What is the affected source of this
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63.1945 When do I have to comply with this
subpart?
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- 63.1955 What requirements must I meet?

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- 63.1985 Who enforces this subpart?
63.1990 What definitions apply to this sub-
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63.2131 Am I subject to this subpart?
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63.2133 When do I have to comply with this
subpart?

Environmental Protection Agency

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EMISSION LIMITATIONS

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GENERAL COMPLIANCE REQUIREMENTS

63.2150 What are my general requirements for complying with this subpart?

TESTING AND INITIAL COMPLIANCE REQUIREMENTS

- 63.2160 By what date must I conduct an initial compliance demonstration?
- 63.2161 What performance tests and other procedures must I use if I monitor brew ethanol?
- 63.2162 When must I conduct subsequent performance tests?
- 63.2163 If I monitor fermenter exhaust, what are my monitoring installation, operation, and maintenance requirements?
- 63.2164 If I monitor brew ethanol, what are my monitoring installation, operation, and maintenance requirements?
- 63.2165 How do I demonstrate initial compliance with the emission limitations if I monitor fermenter exhaust?
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NOTIFICATIONS, REPORTS, AND RECORDS

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- 63.2231 Does this subpart apply to me?
- 63.2232 What parts of my plant does this subpart cover?
- 63.2233 When do I have to comply with this subpart?

COMPLIANCE OPTIONS, OPERATING REQUIREMENTS, AND WORK PRACTICE REQUIREMENTS

- 63.2240 What are the compliance options and operating requirements and how must I meet them?
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GENERAL COMPLIANCE REQUIREMENTS

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- 63.2251 What are the requirements for the routine control device maintenance exemption?
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INITIAL COMPLIANCE REQUIREMENTS

- 63.2260 How do I demonstrate initial compliance with the compliance options, operating requirements, and work practice requirements?
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- 63.2262 How do I conduct performance tests and establish operating requirements?
- 63.2263 Initial compliance demonstration for a dry rotary dryer.
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- 63.2266 Initial compliance demonstration for a veneer redryer.
- 63.2267 Initial compliance demonstration for a reconstituted wood product press or board cooler.
- 63.2268 Initial compliance demonstration for a wet control device.
- 63.2269 What are my monitoring installation, operation, and maintenance requirements?

CONTINUOUS COMPLIANCE REQUIREMENTS

- 63.2270 How do I monitor and collect data to demonstrate continuous compliance?
- 63.2271 How do I demonstrate continuous compliance with the compliance options, operating requirements, and work practice requirements?

NOTIFICATIONS, REPORTS, AND RECORDS

- 63.2280 What notifications must I submit and when?
- 63.2281 What reports must I submit and when?
- 63.2282 What records must I keep?
- 63.2283 In what form and how long must I keep my records?

OTHER REQUIREMENTS AND INFORMATION

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- 63.2291 Who implements and enforces this subpart?
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Subpart EEEE—National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)

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- 63.2334 Am I subject to this subpart?
- 63.2338 What parts of my plant does this subpart cover?
- 63.2342 When do I have to comply with this subpart?
- 63.2343 What are my requirements for emission sources not requiring control?

EMISSION LIMITATIONS, OPERATING LIMITS, AND WORK PRACTICE STANDARDS

- 63.2346 What emission limitations, operating limits, and work practice standards must I meet?

GENERAL COMPLIANCE REQUIREMENTS

- 63.2350 What are my general requirements for complying with this subpart?

TESTING AND INITIAL COMPLIANCE REQUIREMENTS

- 63.2354 What performance tests, design evaluations, and performance evaluations must I conduct?
- 63.2358 By what date must I conduct performance tests or other initial compliance demonstrations?
- 63.2362 When must I conduct subsequent performance tests?
- 63.2366 What are my monitoring installation, operation, and maintenance requirements?
- 63.2370 How do I demonstrate initial compliance with the emission limitations, operating limits, and work practice standards?

CONTINUOUS COMPLIANCE REQUIREMENTS

- 63.2374 When do I monitor and collect data to demonstrate continuous compliance and how do I use the collected data?
- 63.2378 How do I demonstrate continuous compliance with the emission limitations, operating limits, and work practice standards?

NOTIFICATIONS, REPORTS, AND RECORDS

- 63.2382 What notifications must I submit and when and what information should be submitted?
- 63.2386 What reports must I submit and when and what information is to be submitted in each?
- 63.2390 What records must I keep?

63.2394 In what form and how long must I keep my records?

OTHER REQUIREMENTS AND INFORMATION

63.2396 What compliance options do I have if part of my plant is subject to both this subpart and another subpart?

63.2398 What parts of the General Provisions apply to me?

63.2402 Who implements and enforces this subpart?

63.2406 What definitions apply to this subpart?

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TABLE 12 TO SUBPART EEEE OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART EEEE

Subpart FFFF—National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing

WHAT THIS SUBPART COVERS

63.2430 What is the purpose of this subpart?

63.2435 Am I subject to the requirements in this subpart?

63.2440 What parts of my plant does this subpart cover?

COMPLIANCE DATES

63.2445 When do I have to comply with this subpart?

EMISSION LIMITS, WORK PRACTICE STANDARDS, AND COMPLIANCE REQUIREMENTS

63.2450 What are my general requirements for complying with this subpart?

63.2455 What requirements must I meet for continuous process vents?

63.2460 What requirements must I meet for batch process vents?

63.2465 What requirements must I meet for process vents that emit hydrogen halide and halogen HAP or PM HAP?

63.2470 What requirements must I meet for storage tanks?

63.2475 What requirements must I meet for transfer racks?

63.2480 What requirements must I meet for equipment leaks?

63.2485 What requirements must I meet for wastewater streams and liquid streams in open systems within an MCPU?

63.2490 What requirements must I meet for heat exchange systems?

ALTERNATIVE MEANS OF COMPLIANCE

63.2495 How do I comply with the pollution prevention standard?

63.2500 How do I comply with emissions averaging?

63.2505 How do I comply with the alternative standard?

NOTIFICATIONS, REPORTS, AND RECORDS

63.2515 What notifications must I submit and when?

63.2520 What reports must I submit and when?

63.2525 What records must I keep?

OTHER REQUIREMENTS AND INFORMATION

63.2535 What compliance options do I have if part of my plant is subject to both this subpart and another subpart?

63.2540 What parts of the General Provisions apply to me?

63.2545 Who implements and enforces this subpart?

63.2550 What definitions apply to this subpart?

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- 63.2830 What is the purpose of this subpart?
- 63.2831 Where can I find definitions of key words used in this subpart?
- 63.2832 Am I subject to this subpart?
- 63.2833 Is my source categorized as existing or new?
- 63.2834 When do I have to comply with the standards in this subpart?

STANDARDS

- 63.2840 What emission requirements must I meet?

COMPLIANCE REQUIREMENTS

- 63.2850 How do I comply with the hazardous air pollutant emission standards?
- 63.2851 What is a plan for demonstrating compliance?
- 63.2852 What is a startup, shutdown, and malfunction plan?
- 63.2853 How do I determine the actual solvent loss?
- 63.2854 How do I determine the weighted average volume fraction of HAP in the actual solvent loss?
- 63.2855 How do I determine the quantity of oilseed processed?

NOTIFICATIONS, REPORTS, AND RECORDS

- 63.2860 What notifications must I submit and when?
- 63.2861 What reports must I submit and when?
- 63.2862 What records must I keep?
- 63.2863 In what form and how long must I keep my records?

OTHER REQUIREMENTS AND INFORMATION

- 63.2870 What parts of the General Provisions apply to me?
- 63.2871 Who implements and enforces this subpart?

- 63.2872 What definitions apply to this subpart?

Subpart HHHH—National Emission Standards for Hazardous Air Pollutants for Wet-Formed Fiberglass Mat Production

WHAT THIS SUBPART COVERS

- 63.2980 What is the purpose of this subpart?
- 63.2981 Does this subpart apply to me?
- 63.2982 What parts of my plant does this subpart cover?

EMISSION LIMITATIONS

- 63.2983 What emission limits must I meet?
- 63.2984 What operating limits must I meet?
- 63.2985 When do I have to comply with these standards?
- 63.2986 How do I comply with the standards?

OPERATION, MAINTENANCE, AND MONITORING PLAN

- 63.2987 What must my operation, maintenance, and monitoring (OMM) plan include?
- 63.2988 [Reserved]
- 63.2989 How do I change my (OMM) plan?
- 63.2990 Can I conduct short-term experimental production runs that cause parameters to deviate from operating limits?

TESTING AND INITIAL COMPLIANCE REQUIREMENTS

- 63.2991 When must I conduct performance tests?
- 63.2992 How do I conduct a performance test?
- 63.2993 What test methods must I use in conducting performance tests?
- 63.2994 How do I verify the performance of monitoring equipment?
- 63.2995 What equations must I use to determine compliance?

MONITORING REQUIREMENTS

- 63.2996 What must I monitor?
- 63.2997 What are the requirements for monitoring devices?

NOTIFICATIONS, REPORTS, AND RECORDS

- 63.2998 What records must I maintain?
- 63.2999 In what form and for how long must I maintain records?
- 63.3000 What notifications and reports must I submit?

OTHER REQUIREMENTS AND INFORMATION

- 63.3001 What sections of the general provisions apply to me?
- 63.3002 Who implements and enforces this subpart?
- 63.3003 Incorporation by reference.
- 63.3004 What definitions apply to this subpart?

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63.3005-63.3079 [Reserved]

TABLE 1 TO SUBPART HHHH OF PART 63—MINIMUM REQUIREMENTS FOR MONITORING AND RECORDKEEPING

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Subpart IIII—National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks

WHAT THIS SUBPART COVERS

- 63.3080 What is the purpose of this subpart?
- 63.3081 Am I subject to this subpart?
- 63.3082 What parts of my plant does this subpart cover?
- 63.3083 When do I have to comply with this subpart?

EMISSION LIMITATIONS

- 63.3090 What emission limits must I meet for a new or reconstructed affected source?
- 63.3091 What emission limits must I meet for an existing affected source?
- 63.3092 How must I control emissions from my electrodeposition primer system if I want to comply with the combined primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive emission limit?
- 63.3093 What operating limits must I meet?
- 63.3094 What work practice standards must I meet?

GENERAL COMPLIANCE REQUIREMENTS

- 63.3100 What are my general requirements for complying with this subpart?
- 63.3101 What parts of the General Provisions apply to me?

NOTIFICATIONS, REPORTS, AND RECORDS

- 63.3110 What notifications must I submit?
- 63.3120 What reports must I submit?
- 63.3130 What records must I keep?
- 63.3131 In what form and for how long must I keep my records?

COMPLIANCE REQUIREMENTS FOR ADHESIVE, SEALER, AND DEADENER

- 63.3150 By what date must I conduct the initial compliance demonstration?
- 63.3151 How do I demonstrate initial compliance with the emission limitations?

- 63.3152 How do I demonstrate continuous compliance with the emission limitations?

COMPLIANCE REQUIREMENTS FOR THE COMBINED ELECTRODEPOSITION PRIMER, PRIMER-SURFACER, TOPCOAT, FINAL REPAIR, GLASS BONDING PRIMER, AND GLASS BONDING ADHESIVE EMISSION LIMITATIONS

- 63.3160 By what date must I conduct performance tests and other initial compliance demonstrations?
- 63.3161 How do I demonstrate initial compliance?
- 63.3162 [Reserved]
- 63.3163 How do I demonstrate continuous compliance with the emission limitations?
- 63.3164 What are the general requirements for performance tests?
- 63.3165 How do I determine the emission capture system efficiency?
- 63.3166 How do I determine the add-on control device emission destruction or removal efficiency?
- 63.3167 How do I establish the add-on control device operating limits during the performance test?
- 63.3168 What are the requirements for continuous parameter monitoring system installation, operation, and maintenance?
- 63.3169 What are the requirements for a capture system or add-on control device which is not taken into account when demonstrating compliance with the applicable emission limitations?

COMPLIANCE REQUIREMENTS FOR THE COMBINED PRIMER-SURFACER, TOPCOAT, FINAL REPAIR, GLASS BONDING PRIMER, AND GLASS BONDING ADHESIVE EMISSION LIMITATIONS AND THE SEPARATE ELECTRODEPOSITION PRIMER EMISSION LIMITATIONS

- 63.3170 By what date must I conduct performance tests and other initial compliance demonstrations?
- 63.3171 How do I demonstrate initial compliance?
- 63.3172 [Reserved]
- 63.3173 How do I demonstrate continuous compliance with the emission limitations?
- 63.3174 What are the requirements for a capture system or add-on control device which is not taken into account when demonstrating compliance with the applicable emission limitations?

OTHER REQUIREMENTS AND INFORMATION

- 63.3175 Who implements and enforces this subpart?
- 63.3176 What definitions apply to this subpart?

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- TABLE 1 TO SUBPART IIII OF PART 63. OPERATING LIMITS FOR CAPTURE SYSTEMS AND ADD-ON CONTROL DEVICES
- TABLE 2 TO SUBPART IIII OF PART 63. APPLICABILITY OF GENERAL PROVISIONS TO SUBPART IIII OF PART 63
- TABLE 3 TO SUBPART IIII OF PART 63. DEFAULT ORGANIC HAP MASS FRACTION FOR SOLVENTS AND SOLVENT BLENDS
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Subpart JJJJ—National Emission Standards for Hazardous Air Pollutants: Paper and Other Web Coating

WHAT THIS SUBPART COVERS

- 63.3280 What is in this subpart?
- 63.3290 Does this subpart apply to me?
- 63.3300 Which of my emission sources are affected by this subpart?
- 63.3310 What definitions are used in this subpart?

EMISSION STANDARDS AND COMPLIANCE DATES

- 63.3320 What emission standards must I meet?
- 63.3321 What operating limits must I meet?
- 63.3330 When must I comply?

GENERAL REQUIREMENTS FOR COMPLIANCE WITH THE EMISSION STANDARDS AND FOR MONITORING AND PERFORMANCE TESTS

- 63.3340 What general requirements must I meet to comply with the standards?
- 63.3350 If I use a control device to comply with the emission standards what monitoring must I do?
- 63.3360 What performance tests must I conduct?

REQUIREMENTS FOR SHOWING COMPLIANCE

- 63.3370 How do I demonstrate compliance with the emission standards?

NOTIFICATIONS, REPORTS, AND RECORDS

- 63.3400 What notifications and reports must I submit?
- 63.3410 What records must I keep?

DELEGATION OF AUTHORITY

- 63.3420 What authorities may be delegated to the States?

TABLE 1 TO SUBPART JJJJ OF PART 63—OPERATING LIMITS IF USING ADD-ON CONTROL DEVICES AND CAPTURE SYSTEM

TABLE 2 TO SUBPART JJJJ OF PART 63—APPLICABILITY OF 40 CFR PART 63 GENERAL PROVISIONS TO SUBPART JJJJ

Subpart KKKK—National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Cans

WHAT THIS SUBPART COVERS

- 63.3480 What is the purpose of this subpart?
- 63.3481 Am I subject to this subpart?
- 63.3482 What parts of my plant does this subpart cover?
- 63.3483 When do I have to comply with this subpart?

EMISSION LIMITATIONS

- 63.3490 What emission limits must I meet?
- 63.3491 What are my options for meeting the emission limits?
- 63.3492 What operating limits must I meet?
- 63.3493 What work practice standards must I meet?

GENERAL COMPLIANCE REQUIREMENTS

- 63.3500 What are my general requirements for complying with this subpart?
- 63.3501 What parts of the General Provisions apply to me?

NOTIFICATIONS, REPORTS, AND RECORDS

- 63.3510 What notifications must I submit?
- 63.3511 What reports must I submit?
- 63.3512 What records must I keep?
- 63.3513 In what form and for how long must I keep my records?

COMPLIANCE REQUIREMENTS FOR THE COMPLIANT MATERIAL OPTION

- 63.3520 By what date must I conduct the initial compliance demonstration?
- 63.3521 How do I demonstrate initial compliance with the emission limitations?
- 63.3522 How do I demonstrate continuous compliance with the emission limitations?

COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITHOUT ADD-ON CONTROLS OPTION

- 63.3530 By what date must I conduct the initial compliance demonstration?
- 63.3531 How do I demonstrate initial compliance with the emission limitations?
- 63.3532 How do I demonstrate continuous compliance with the emission limitations?

COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITH ADD-ON CONTROLS OPTION

- 63.3540 By what date must I conduct performance tests and other initial compliance demonstrations?
- 63.3541 How do I demonstrate initial compliance?

- 63.3542 How do I demonstrate continuous compliance with the emission limitations?
- 63.3543 What are the general requirements for performance tests?
- 63.3544 How do I determine the emission capture system efficiency?
- 63.3545 How do I determine the add-on control device emission destruction or removal efficiency?
- 63.3546 How do I establish the emission capture system and add-on control device operating limits during the performance test?
- 63.3547 What are the requirements for continuous parameter monitoring system installation, operation, and maintenance?

COMPLIANCE REQUIREMENTS FOR THE CONTROL EFFICIENCY/OUTLET CONCENTRATION OPTION

- 63.3550 By what date must I conduct performance tests and other initial compliance demonstrations?
- 63.3551 How do I demonstrate initial compliance?
- 63.3552 How do I demonstrate continuous compliance with the emission limitations?
- 63.3553 What are the general requirements for performance tests?
- 63.3554 How do I determine the emission capture system efficiency?
- 63.3555 How do I determine the outlet THC emissions and add-on control device emission destruction or removal efficiency?
- 63.3556 How do I establish the emission capture system and add-on control device operating limits during the performance test?
- 63.3557 What are the requirements for continuous parameter monitoring system installation, operation, and maintenance?

OTHER REQUIREMENTS AND INFORMATION

- 63.3560 Who implements and enforces this subpart?
- 63.3561 What definitions apply to this subpart?

TABLE 1 TO SUBPART KKKK OF PART 63—EMISSION LIMITS FOR NEW OR RECONSTRUCTED AFFECTED SOURCES

TABLE 2 TO SUBPART KKKK OF PART 63—EMISSION LIMITS FOR EXISTING AFFECTED SOURCES

TABLE 3 TO SUBPART KKKK OF PART 63—EMISSION LIMITS FOR AFFECTED SOURCES USING THE CONTROL EFFICIENCY/OUTLET CONCENTRATION COMPLIANCE OPTION

TABLE 4 TO SUBPART KKKK OF PART 63—OPERATING LIMITS IF USING THE EMISSION RATE WITH ADD-ON CONTROLS OPTION OR THE CONTROL EFFICIENCY/OUTLET CONCENTRATION COMPLIANCE OPTION

TABLE 5 TO SUBPART KKKK OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART KKKK

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TABLE 7 TO SUBPART KKKK OF PART 63—DEFAULT ORGANIC HAP MASS FRACTION FOR PETROLEUM SOLVENT GROUPS

Subpart MMMM—National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products

WHAT THIS SUBPART COVERS

- 63.3880 What is the purpose of this subpart?
- 63.3881 Am I subject to this subpart?
- 63.3882 What parts of my plant does this subpart cover?
- 63.3883 When do I have to comply with this subpart?

EMISSION LIMITATIONS

- 63.3890 What emission limits must I meet?
- 63.3891 What are my options for meeting the emission limits?
- 63.3892 What operating limits must I meet?
- 63.3893 What work practice standards must I meet?

GENERAL COMPLIANCE REQUIREMENTS

- 63.3900 What are my general requirements for complying with this subpart?
- 63.3901 What parts of the General Provisions apply to me?

NOTIFICATIONS, REPORTS, AND RECORDS

- 63.3910 What notifications must I submit?
- 63.3920 What reports must I submit?
- 63.3930 What records must I keep?
- 63.3931 In what form and for how long must I keep my records?

COMPLIANCE REQUIREMENTS FOR THE COMPLIANT MATERIAL OPTION

- 63.3940 By what date must I conduct the initial compliance demonstration?
- 63.3941 How do I demonstrate initial compliance with the emission limitations?
- 63.3942 How do I demonstrate continuous compliance with the emission limitations?

COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITHOUT ADD-ON CONTROLS OPTION

- 63.3950 By what date must I conduct the initial compliance demonstration?
- 63.3951 How do I demonstrate initial compliance with the emission limitations?
- 63.3952 How do I demonstrate continuous compliance with the emission limitations?

COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITH ADD-ON CONTROLS OPTION

- 63.3960 By what date must I conduct performance tests and other initial compliance demonstrations?
- 63.3961 How do I demonstrate initial compliance?
- 63.3962 [Reserved]
- 63.3963 How do I demonstrate continuous compliance with the emission limitations?
- 63.3964 What are the general requirements for performance tests?
- 63.3965 How do I determine the emission capture system efficiency?
- 63.3966 How do I determine the add-on control device emission destruction or removal efficiency?
- 63.3967 How do I establish the emission capture system and add-on control device operating limits during the performance test?
- 63.3968 What are the requirements for continuous parameter monitoring system installation, operation, and maintenance?

OTHER REQUIREMENTS AND INFORMATION

- 63.3980 Who implements and enforces this subpart?
- 63.3981 What definitions apply to this subpart?
- TABLE 1 TO SUBPART MMMM OF PART 63—OPERATING LIMITS IF USING THE EMISSION RATE WITH ADD-ON CONTROLS OPTION
- TABLE 2 TO SUBPART MMMM OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART MMMM OF PART 63
- TABLE 3 TO SUBPART MMMM OF PART 63—DEFAULT ORGANIC HAP MASS FRACTION FOR SOLVENTS AND SOLVENT BLENDS
- TABLE 4 TO SUBPART MMMM OF PART 63—DEFAULT ORGANIC HAP MASS FRACTION FOR PETROLEUM SOLVENT GROUPS
- APPENDIX A TO SUBPART MMMM OF PART 63—ALTERNATIVE CAPTURE EFFICIENCY AND DESTRUCTION EFFICIENCY MEASUREMENT AND CAPTURE EFFICIENCY MONITORING PROCEDURES FOR MAGNET WIRE COATING OPERATIONS

Subpart NNNN—National Emission Standards for Hazardous Air Pollutants: Surface Coating of Large Appliances

WHAT THIS SUBPART COVERS

- 63.4080 What is the purpose of this subpart?
- 63.4081 Am I subject to this subpart?
- 63.4082 What parts of my plant does this subpart cover?
- 63.4083 When do I have to comply with this subpart?

EMISSION LIMITATIONS

- 63.4090 What emission limits must I meet?

- 63.4091 What are my options for meeting the emission limits?

- 63.4092 What operating limits must I meet?
- 63.4093 What work practice standards must I meet?

GENERAL COMPLIANCE REQUIREMENTS

- 63.4100 What are my general requirements for complying with this subpart?
- 63.4101 What parts of the General Provisions apply to me?

NOTIFICATIONS, REPORTS, AND RECORDS

- 63.4110 What notifications must I submit?
- 63.4120 What reports must I submit?
- 63.4130 What records must I keep?
- 63.4131 In what form and for how long must I keep my records?

COMPLIANCE REQUIREMENTS FOR THE COMPLIANT MATERIAL OPTION

- 63.4140 By what date must I conduct the initial compliance demonstration?
- 63.4141 How do I demonstrate initial compliance with the emission limitations?
- 63.4142 How do I demonstrate continuous compliance with the emission limitations?

COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITHOUT ADD-ON CONTROLS OPTION

- 63.4150 By what date must I conduct the initial compliance demonstration?
- 63.4151 How do I demonstrate initial compliance with the emission limitations?
- 63.4152 How do I demonstrate continuous compliance with the emission limitations?

COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITH ADD-ON CONTROLS OPTION

- 63.4160 By what date must I conduct performance tests and other initial compliance demonstrations?
- 63.4161 How do I demonstrate initial compliance?
- 63.4162 [Reserved]
- 63.4163 How do I demonstrate continuous compliance with the emission limitations?
- 63.4164 What are the general requirements for performance tests?
- 63.4165 How do I determine the emission capture system efficiency?
- 63.4166 How do I determine the add-on control device emission destruction or removal efficiency?
- 63.4167 How do I establish the emission capture system and add-on control device operating limits during the performance test?
- 63.4168 What are the requirements for continuous parameter monitoring system installation, operation, and maintenance?

OTHER REQUIREMENTS AND INFORMATION

63.4180 Who implements and enforces this subpart?

63.4181 What definitions apply to this subpart?

TABLE 1 TO SUBPART NNNN OF PART 63—OPERATING LIMITS IF USING THE EMISSION RATE WITH ADD-ON CONTROLS OPTION

TABLE 2 TO SUBPART NNNN OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART NNNN

TABLE 3 TO SUBPART NNNN OF PART 63—DEFAULT ORGANIC HAP MASS FRACTION FOR SOLVENTS AND SOLVENT BLENDS

TABLE 4 TO SUBPART NNNN OF PART 63—DEFAULT ORGANIC MASS FRACTION FOR PETROLEUM SOLVENT GROUPS

Subpart OOOO—National Emission Standards for Hazardous Air Pollutants: Printing, Coating, and Dyeing of Fabrics and Other Textiles

WHAT THIS SUBPART COVERS

63.4280 What is the purpose of this subpart?

63.4281 Am I subject to this subpart?

63.4282 What parts of my plant does this subpart cover?

63.4283 When do I have to comply with this subpart?

EMISSION LIMITATIONS

63.4290 What emission limits must I meet?

63.4291 What are my options for meeting the emission limits?

63.4292 What operating limits must I meet?

63.4293 What work practice standards must I meet?

GENERAL COMPLIANCE REQUIREMENTS

63.4300 What are my general requirements for complying with this subpart?

63.4301 What parts of the General Provisions apply to me?

NOTIFICATIONS, REPORTS, AND RECORDS

63.4310 What notifications must I submit?

63.4311 What reports must I submit?

63.4312 What records must I keep?

63.4313 In what form and for how long must I keep my records?

COMPLIANCE REQUIREMENTS FOR THE COMPLIANT MATERIAL OPTION

63.4320 By what date must I conduct the initial compliance demonstration?

63.4321 How do I demonstrate initial compliance with the emission limitations?

63.4322 How do I demonstrate continuous compliance with the emission limitations?

COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITHOUT ADD-ON CONTROLS OPTION

63.4330 By what date must I conduct the initial compliance demonstration?

63.4331 How do I demonstrate initial compliance with the emission limitations?

63.4332 How do I demonstrate continuous compliance with the emission limitations?

COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITH ADD-ON CONTROLS OPTION

63.4340 By what date must I conduct performance tests and other initial compliance demonstrations?

63.4341 How do I demonstrate initial compliance?

63.4342 How do I demonstrate continuous compliance with the emission limitations?

COMPLIANCE REQUIREMENTS FOR THE ORGANIC HAP OVERALL CONTROL EFFICIENCY AND OXIDIZER OUTLET ORGANIC HAP CONCENTRATION OPTIONS

63.4350 By what date must I conduct performance tests and other initial compliance demonstrations?

63.4351 How do I demonstrate initial compliance?

63.4352 How do I demonstrate continuous compliance with the emission limitations?

PERFORMANCE TESTING AND MONITORING REQUIREMENTS

63.4360 What are the general requirements for performance tests?

63.4361 How do I determine the emission capture system efficiency?

63.4362 How do I determine the add-on control device emission destruction or removal efficiency?

63.4363 How do I establish the add-on control device operating limits during the performance test?

63.4364 What are the requirements for CPMS installation, operation, and maintenance?

OTHER REQUIREMENTS AND INFORMATION

63.4370 Who implements and enforces this subpart?

63.4371 What definitions apply to this subpart?

TABLE 1 TO SUBPART OOOO OF PART 63—EMISSION LIMITS FOR NEW OR RECONSTRUCTED AND EXISTING AFFECTED SOURCES IN THE PRINTING, COATING, AND DYEING OF FABRICS AND OTHER TEXTILES SOURCE CATEGORY

TABLE 2 TO SUBPART OOOO OF PART 63—OPERATING LIMITS IF USING ADD-ON CONTROL DEVICES AND CAPTURE SYSTEM

TABLE 3 TO SUBPART OOOO OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART OOOO

TABLE 4 TO SUBPART OOOO OF PART 63—DEFAULT ORGANIC HAP MASS FRACTION FOR SOLVENTS AND SOLVENT BLENDS

TABLE 5 TO SUBPART OOOO OF PART 63—DEFAULT ORGANIC HAP MASS FRACTION FOR PETROLEUM SOLVENT GROUPS

Subpart PPPP—National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products

WHAT THIS SUBPART COVERS

- 63.4480 What is the purpose of this subpart?
- 63.4481 Am I subject to this subpart?
- 63.4482 What parts of my plant does this subpart cover?
- 63.4483 When do I have to comply with this subpart?

EMISSION LIMITATIONS

- 63.4490 What emission limits must I meet?
- 63.4491 What are my options for meeting the emission limits?
- 63.4492 What operating limits must I meet?
- 63.4493 What work practice standards must I meet?

GENERAL COMPLIANCE REQUIREMENTS

- 63.4500 What are my general requirements for complying with this subpart?
- 63.4501 What parts of the General Provisions apply to me?

NOTIFICATIONS, REPORTS, AND RECORDS

- 63.4510 What notifications must I submit?
- 63.4520 What reports must I submit?
- 63.4530 What records must I keep?
- 63.4531 In what form and for how long must I keep my records?

COMPLIANCE REQUIREMENTS FOR THE COMPLIANT MATERIAL OPTION

- 63.4540 By what date must I conduct the initial compliance demonstration?
- 63.4541 How do I demonstrate initial compliance with the emission limitations?
- 63.4542 How do I demonstrate continuous compliance with the emission limitations?

COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITHOUT ADD-ON CONTROLS OPTION

- 63.4550 By what date must I conduct the initial compliance demonstration?
- 63.4551 How do I demonstrate initial compliance with the emission limitations?
- 63.4552 How do I demonstrate continuous compliance with the emission limitations?

COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITH ADD-ON CONTROLS OPTION

- 63.4560 By what date must I conduct performance tests and other initial compliance demonstrations?
- 63.4561 How do I demonstrate initial compliance?
- 63.4562 [Reserved]
- 63.4563 How do I demonstrate continuous compliance with the emission limitations?
- 63.4564 What are the general requirements for performance tests?
- 63.4565 How do I determine the emission capture system efficiency?
- 63.4566 How do I determine the add-on control device emission destruction or removal efficiency?
- 63.4567 How do I establish the emission capture system and add-on control device operating limits during the performance test?
- 63.4568 What are the requirements for continuous parameter monitoring system installation, operation, and maintenance?

OTHER REQUIREMENTS AND INFORMATION

- 63.4580 Who implements and enforces this subpart?
- 63.4581 What definitions apply to this subpart?

TABLE 1 TO SUBPART PPPP—OPERATING LIMITS IF USING THE EMISSION RATE WITH ADD-ON CONTROLS OPTION

TABLE 2 TO SUBPART PPPP—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART PPPP OF PART 63

TABLE 3 TO SUBPART PPPP—DEFAULT ORGANIC HAP MASS FRACTION FOR SOLVENTS AND SOLVENT BLENDS

TABLE 4 TO SUBPART PPPP—DEFAULT ORGANIC HAP MASS FRACTION FOR PETROLEUM SOLVENT GROUPS

APPENDIX A TO SUBPART PPPP—DETERMINATION OF WEIGHT VOLATILE MATTER CONTENT AND WEIGHT SOLIDS CONTENT OF REACTIVE ADHESIVES

Subpart QQQQ—National Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products

WHAT THIS SUBPART COVERS

- 63.4680 What is the purpose of this subpart?
- 63.4681 Am I subject to this subpart?
- 63.4682 What parts of my plant does this subpart cover?
- 63.4683 When do I have to comply with this subpart?

EMISSION LIMITATIONS

- 63.4690 What emission limits must I meet?
- 63.4691 What are my options for meeting the emission limits?
- 63.4692 What operating limits must I meet?

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63.4693 What work practice standards must I meet?

GENERAL COMPLIANCE REQUIREMENTS

63.4700 What are my general requirements for complying with this subpart?

63.4701 What parts of the General Provisions apply to me?

NOTIFICATIONS, REPORTS, AND RECORDS

63.4710 What notifications must I submit?

63.4720 What reports must I submit?

63.4730 What records must I keep?

63.4731 In what form and for how long must I keep my records?

COMPLIANCE REQUIREMENTS FOR THE COMPLIANT MATERIAL OPTION

63.4740 By what date must I conduct the initial compliance demonstration?

63.4741 How do I demonstrate initial compliance with the emission limitations?

63.4742 How do I demonstrate continuous compliance with the emission limitations?

COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITHOUT ADD-ON CONTROLS OPTION

63.4750 By what date must I conduct the initial compliance demonstration?

63.4751 How do I demonstrate initial compliance with the emission limitations?

63.4752 How do I demonstrate continuous compliance with the emission limitations?

COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITH ADD-ON CONTROLS OPTION

63.4760 By what date must I conduct performance tests and other initial compliance demonstrations?

63.4761 How do I demonstrate initial compliance?

63.4762 [Reserved]

63.4763 How do I demonstrate continuous compliance with the emission limitations?

63.4764 What are the general requirements for performance tests?

63.4765 How do I determine the emission capture system efficiency?

63.4766 How do I determine the add-on control device emission destruction or removal efficiency?

63.4767 How do I establish the emission capture system and add-on control device operating limits during the performance test?

63.4768 What are the requirements for continuous parameter monitoring system installation, operation, and maintenance?

OTHER REQUIREMENTS AND INFORMATION

63.4780 Who implements and enforces this subpart?

63.4781 What definitions apply to this subpart?

TABLE 1 TO SUBPART QQQQ OF PART 63—EMISSION LIMITS FOR NEW OR RECONSTRUCTED AFFECTED SOURCES

TABLE 2 TO SUBPART QQQQ OF PART 63—EMISSION LIMITS FOR EXISTING AFFECTED SOURCES

TABLE 3 TO SUBPART QQQQ OF PART 63—OPERATING LIMITS IF USING THE EMISSION RATE WITH ADD-ON CONTROLS OPTION

TABLE 4 TO SUBPART QQQQ OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART QQQQ OF PART 63

TABLE 5 TO SUBPART QQQQ OF PART 63—DEFAULT ORGANIC HAP MASS FRACTION FOR SOLVENTS AND SOLVENT BLENDS

TABLE 6 TO SUBPART QQQQ OF PART 63—DEFAULT ORGANIC HAP MASS FRACTION FOR PETROLEUM SOLVENT GROUPS

Subpart RRRR—National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Furniture

WHAT THIS SUBPART COVERS

63.4880 What is the purpose of this subpart?

63.4881 Am I subject to this subpart?

63.4882 What parts of my plant does this subpart cover?

63.4883 When do I have to comply with this subpart?

EMISSION LIMITATIONS

63.4890 What Emission Limits Must I Meet?

63.4891 What are my options for demonstrating compliance with the emission limits?

63.4892 What operating limits must I meet?

63.4893 What work practice standards must I meet?

GENERAL COMPLIANCE REQUIREMENTS

63.4900 What are my general requirements for complying with this subpart?

63.4901 What parts of the General Provisions apply to me?

NOTIFICATIONS, REPORTS, AND RECORDS

63.4910 What notifications must I submit?

63.4920 What reports must I submit?

63.4930 What records must I keep?

63.4931 In what form and for how long must I keep my records?

COMPLIANCE REQUIREMENTS FOR THE COMPLIANT MATERIAL OPTION

63.4940 By what date must I conduct the initial compliance demonstration?

63.4941 How do I demonstrate initial compliance with the emission limitations?

63.4942 How do I demonstrate continuous compliance with the emission limitations?

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COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITHOUT ADD-ON CONTROLS OPTION

- 63.4950 By what date must I conduct the initial compliance demonstration?
- 63.4951 How do I demonstrate initial compliance with the emission limitations?
- 63.4952 How do I demonstrate continuous compliance with the emission limitations?

COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITH ADD-ON CONTROLS OPTION

- 63.4960 By what date must I conduct performance tests and other initial compliance demonstrations?
- 63.4961 How do I demonstrate initial compliance?
- 63.4962 How do I demonstrate continuous compliance with the emission limitations?
- 63.4963 What are the general requirements for performance tests?
- 63.4964 How do I determine the emission capture system efficiency?
- 63.4965 How do I determine the add-on control device emission destruction or removal efficiency?
- 63.4966 How do I establish the emission capture system and add-on control device operating limits during the performance test?
- 63.4967 What are the requirements for continuous parameter monitoring system installation, operation, and maintenance?

OTHER REQUIREMENTS AND INFORMATION

- 63.4980 Who implements and enforces this subpart?
- 63.4981 What definitions apply to this subpart?

TABLE 1 TO SUBPART RRRR OF PART 63—OPERATING LIMITS IF USING THE EMISSION RATE WITH ADD-ON CONTROLS OPTION

TABLE 2 TO SUBPART RRRR OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART RRRR

TABLE 3 TO SUBPART RRRR OF PART 63—DEFAULT ORGANIC HAP MASS FRACTION FOR SOLVENTS AND SOLVENT BLENDS

TABLE 4 TO SUBPART RRRR OF PART 63—DEFAULT ORGANIC HAP MASS FRACTION FOR PETROLEUM SOLVENT GROUPS

Subpart SSSS—National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Coil

WHAT THIS SUBPART COVERS

- 63.5080 What is in this subpart?
- 63.5090 Does this subpart apply to me?
- 63.5100 Which of my emissions sources are affected by this subpart?
- 63.5110 What special definitions are used in this subpart?

EMISSION STANDARDS AND COMPLIANCE DATES

- 63.5120 What emission standards must I meet?
- 63.5121 What operating limits must I meet?
- 63.5130 When must I comply?

GENERAL REQUIREMENTS FOR COMPLIANCE WITH THE EMISSION STANDARDS AND FOR MONITORING AND PERFORMANCE TESTS

- 63.5140 What general requirements must I meet to comply with the standards?
- 63.5150 If I use a control device to comply with the emission standards, what monitoring must I do?
- 63.5160 What performance tests must I complete?

REQUIREMENTS FOR SHOWING COMPLIANCE

- 63.5170 How do I demonstrate compliance with the standards?

REPORTING AND RECORDKEEPING

- 63.5180 What reports must I submit?
- 63.5190 What records must I maintain?

DELEGATION OF AUTHORITY

- 63.5200 What authorities may be delegated to the States?
- 63.5201–63.5209 [Reserved]

TABLE 1 TO SUBPART SSSS OF PART 63—OPERATING LIMITS IF USING ADD-ON CONTROL DEVICES AND CAPTURE SYSTEM

TABLE 2 TO SUBPART SSSS OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART SSSS

Subpart TTTT—National Emission Standards for Hazardous Air Pollutants for Leather Finishing Operations

WHAT THIS SUBPART COVERS

- 63.5280 What is the purpose of this subpart?
- 63.5285 Am I subject to this subpart?
- 63.5290 What parts of my facility does this subpart cover?
- 63.5295 When do I have to comply with this subpart?

STANDARDS

- 63.5305 What emission standards must I meet?

COMPLIANCE REQUIREMENTS

- 63.5320 How does my affected major source comply with the HAP emission standards?
- 63.5325 What is a plan for demonstrating compliance and when must I have one in place?
- 63.5330 How do I determine the compliance ratio?
- 63.5335 How do I determine the actual HAP loss?

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- 63.5340 How do I determine the allowable HAP loss?
- 63.5345 How do I distinguish between the two upholstery product process operations?
- 63.5350 How do I distinguish between the water-resistant/specialty and nonwater-resistant leather product process operations?
- 63.5355 How do I monitor and collect data to demonstrate continuous compliance?
- 63.5360 How do I demonstrate continuous compliance with the emission standards?

TESTING AND INITIAL COMPLIANCE REQUIREMENTS

- 63.5375 When must I conduct a performance test or initial compliance demonstration?
- 63.5380 How do I conduct performance tests?
- 63.5385 How do I measure the quantity of finish applied to the leather?
- 63.5390 How do I measure the HAP content of a finish?
- 63.5395 How do I measure the density of a finish?
- 63.5400 How do I measure the quantity of leather processed?

NOTIFICATIONS, REPORTS, AND RECORDS

- 63.5415 What notifications must I submit and when?
- 63.5420 What reports must I submit and when?
- 63.5425 When must I start recordkeeping to determine my compliance ratio?
- 63.5430 What records must I keep?
- 63.5435 In what form and how long must I keep my records?

OTHER REQUIREMENTS AND INFORMATION

- 63.5450 What parts of the General Provisions apply to me?
- 63.5455 Who administers this subpart?
- 63.5460 What definitions apply to this subpart?

FIGURE 1 TO SUBPART TTTT OF PART 63—EXAMPLE LOGS FOR RECORDING LEATHER FINISH USE AND HAP CONTENT

TABLE 1 TO SUBPART TTTT OF PART 63—LEATHER FINISHING HAP EMISSION LIMITS FOR DETERMINING THE ALLOWABLE HAP LOSS

TABLE 2 TO SUBPART TTTT OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART TTTT

Subpart UUUU—National Emission Standards for Hazardous Air Pollutants for Cellulose Products Manufacturing

WHAT THIS SUBPART COVERS

- 63.5480 What is the purpose of this subpart?
- 63.5485 Am I subject to this subpart?

- 63.5490 What parts of my plant does this subpart cover?
- 63.5495 When do I have to comply with this subpart?

EMISSION LIMITS, OPERATING LIMITS, AND WORK PRACTICE STANDARDS

- 63.5505 What emission limits, operating limits, and work practice standards must I meet?

GENERAL COMPLIANCE REQUIREMENTS

- 63.5515 What are my general requirements for complying with this subpart?

TESTING AND INITIAL COMPLIANCE REQUIREMENTS

- 63.5530 How do I demonstrate initial compliance with the emission limits and work practice standards?
- 63.5535 What performance tests and other procedures must I use?
- 63.5540 By what date must I conduct a performance test or other initial compliance demonstration?
- 63.5545 What are my monitoring installation, operation, and maintenance requirements?

CONTINUOUS COMPLIANCE REQUIREMENTS

- 63.5555 How do I demonstrate continuous compliance with the emission limits, operating limits, and work practice standards?
- 63.5560 How do I monitor and collect data to demonstrate continuous compliance?

NOTIFICATIONS, REPORTS, AND RECORDS

- 63.5575 What notifications must I submit and when?
- 63.5580 What reports must I submit and when?
- 63.5585 What records must I keep?
- 63.5590 In what form and how long must I keep my records?

OTHER REQUIREMENTS AND INFORMATION

- 63.5595 What compliance options do I have if part of my affected source is subject to both this subpart and another subpart?
- 63.5600 What other requirements apply to me?
- 63.5605 Who implements and enforces this subpart?
- 63.5610 What definitions apply to this subpart?

TABLE 1 TO SUBPART UUUU OF PART 63—EMISSION LIMITS AND WORK PRACTICE STANDARDS

TABLE 2 TO SUBPART UUUU OF PART 63—OPERATING LIMITS

TABLE 3 TO SUBPART UUUU OF PART 63—INITIAL COMPLIANCE WITH EMISSION LIMITS AND WORK PRACTICE STANDARDS

TABLE 4 TO SUBPART UUUU OF PART 63—REQUIREMENTS FOR PERFORMANCE TESTS

TABLE 5 TO SUBPART UUUU OF PART 63—CONTINUOUS COMPLIANCE WITH EMISSION LIMITS AND WORK PRACTICE STANDARDS

TABLE 6 TO SUBPART UUUU OF PART 63—CONTINUOUS COMPLIANCE WITH OPERATING LIMITS

TABLE 7 TO SUBPART UUUU OF PART 63—REQUIREMENTS FOR NOTIFICATIONS

TABLE 8 TO SUBPART UUUU OF PART 63—REQUIREMENTS FOR REPORTS

TABLE 9 TO SUBPART UUUU OF PART 63—REQUIREMENTS FOR RECORDKEEPING

TABLE 10 TO SUBPART UUUU OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART UUUU

Subpart VVVV—National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing

WHAT THE SUBPART COVERS

63.5680 What is the purpose of this subpart?

63.5683 Does this subpart apply to me?

63.5686 How do I demonstrate that my facility is not a major source?

63.5689 What parts of my facility are covered by this subpart?

63.5692 How do I know if my boat manufacturing facility is a new source or an existing source?

63.5695 When must I comply with this subpart?

STANDARDS FOR OPEN MOLDING RESIN AND GEL COAT OPERATIONS

63.5698 What emission limit must I meet for open molding resin and gel coat operations?

63.5701 What are my options for complying with the open molding emission limit?

63.5704 What are the general requirements for complying with the open molding emission limit?

63.5707 What is an implementation plan for open molding operations and when do I need to prepare one?

63.5710 How do I demonstrate compliance using emissions averaging?

63.5713 How do I demonstrate compliance using compliant materials?

63.5714 How do I demonstrate compliance if I use filled resins?

DEMONSTRATING COMPLIANCE FOR OPEN MOLDING OPERATIONS CONTROLLED BY ADD-ON CONTROL DEVICES

63.5715 What operating limits must I meet?

63.5716 When must I conduct a performance test?

63.5719 How do I conduct a performance test?

63.5722 How do I use the performance test data to demonstrate initial compliance?

63.5725 What are the requirements for monitoring and demonstrating continuous compliance?

STANDARDS FOR CLOSED MOLDING RESIN OPERATIONS

63.5728 What standards must I meet for closed molding resin operations?

STANDARDS FOR RESIN AND GEL COAT MIXING OPERATIONS

63.5731 What standards must I meet for resin and gel coat mixing operations?

STANDARDS FOR RESIN AND GEL COAT APPLICATION EQUIPMENT CLEANING OPERATIONS

63.5734 What standards must I meet for resin and gel coat application equipment cleaning operations?

63.5737 How do I demonstrate compliance with the resin and gel coat application equipment cleaning standards?

STANDARDS FOR CARPET AND FABRIC ADHESIVE OPERATIONS

63.5740 What emission limit must I meet for carpet and fabric adhesive operations?

STANDARDS FOR ALUMINUM RECREATIONAL BOAT SURFACE COATING OPERATIONS

63.5743 What standards must I meet for aluminum recreational boat surface coating operations?

63.5746 How do I demonstrate compliance with the emission limits for aluminum wipedown solvents and aluminum coatings?

63.5749 How do I calculate the organic HAP content of aluminum wipedown solvents?

63.5752 How do I calculate the organic HAP content of aluminum recreational boat surface coatings?

63.5753 How do I calculate the combined organic HAP content of aluminum wipedown solvents and aluminum recreational boat surface coatings?

63.5755 How do I demonstrate compliance with the aluminum recreational boat surface coating spray gun cleaning work practice standards?

METHODS FOR DETERMINING HAZARDOUS AIR POLLUTANT CONTENT

63.5758 How do I determine the organic HAP content of materials?

NOTIFICATIONS, REPORTS, AND RECORDS

63.5761 What notifications must I submit and when?

63.5764 What reports must I submit and when?

63.5767 What records must I keep?

63.5770 In what form and for how long must I keep my records?

OTHER INFORMATION YOU NEED TO KNOW

- 63.5773 What parts of the General Provisions apply to me?
- 63.5776 Who implements and enforces this subpart?

DEFINITIONS

- 63.5779 What definitions apply to this subpart?
- TABLE 1 TO SUBPART VVVV OF PART 63—COMPLIANCE DATES FOR NEW AND EXISTING BOAT MANUFACTURING FACILITIES
- TABLE 2 TO SUBPART VVVV OF PART 63—ALTERNATIVE HAP CONTENT REQUIREMENTS FOR OPEN MOLDING RESIN AND GEL COAT OPERATIONS
- TABLE 3 TO SUBPART VVVV OF PART 63—MACT MODEL POINT VALUE FORMULAS FOR OPEN MOLDING OPERATIONS
- TABLE 4 TO SUBPART VVVV OF PART 63—OPERATING LIMITS IF USING AN ADD-ON CONTROL DEVICE FOR OPEN MOLDING OPERATIONS
- TABLE 5 TO SUBPART VVVV OF PART 63—DEFAULT ORGANIC HAP CONTENTS OF SOLVENTS AND SOLVENT BLENDS
- TABLE 6 TO SUBPART VVVV OF PART 63—DEFAULT ORGANIC HAP CONTENTS OF PETROLEUM SOLVENT GROUPS
- TABLE 7 TO SUBPART VVVV OF PART 63—APPLICABILITY AND TIMING OF NOTIFICATIONS
- TABLE 8 TO SUBPART VVVV OF PART 63—APPLICABILITY OF GENERAL PROVISIONS (40 CFR PART 63, SUBPART A) TO SUBPART VVVV

Subpart WWWW—National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

WHAT THIS SUBPART COVERS

- 63.5780 What is the purpose of this subpart?
- 63.5785 Am I subject to this subpart?
- 63.5787 What if I also manufacture fiberglass boats or boat parts?
- 63.5790 What parts of my plant does this subpart cover?
- 63.5795 How do I know if my reinforced plastic composites production facility is a new affected source or an existing affected source?
- CALCULATING ORGANIC HAP EMISSIONS FACTORS FOR OPEN MOLDING AND CENTRIFUGAL CASTING
- 63.5796 What are the organic HAP emissions factor equations in Table 1 to this subpart and how are they used in this subpart?
- 63.5797 How do I determine the organic HAP content of my resins and gel coats?
- 63.5798 What if I want to use, or I manufacture, an application technology (new or existing) whose organic HAP emissions

- characteristics are not represented by the equations in Table 1 to this subpart?
- 63.5799 How do I calculate my facility's organic HAP emissions on a tpy basis for purposes of determining which paragraphs of §63.5805 apply?

COMPLIANCE DATES AND STANDARDS

- 63.5800 When do I have to comply with this subpart?
- 63.5805 What standards must I meet to comply with this subpart?

OPTIONS FOR MEETING STANDARDS

- 63.5810 What are my options for meeting the standards for open molding and centrifugal casting operations at new and existing sources?
- 63.5820 What are my options for meeting the standards for continuous lamination/casting operations?
- 63.5830 What are my options for meeting the standards for pultrusion operations subject to the 60 weight percent organic HAP emissions reductions requirement?

GENERAL COMPLIANCE REQUIREMENTS

- 63.5835 What are my general requirements for complying with this subpart?

TESTING AND INITIAL COMPLIANCE REQUIREMENTS

- 63.5840 By what date must I conduct a performance test or other initial compliance demonstration?
- 63.5845 When must I conduct subsequent performance tests?
- 63.5850 How do I conduct performance tests, performance evaluations, and design evaluations?
- 63.5855 What are my monitor installation and operation requirements?
- 63.5860 How do I demonstrate initial compliance with the standards?

EMISSIONS FACTOR, PERCENT REDUCTION, AND CAPTURE EFFICIENCY CALCULATION PROCEDURES FOR CONTINUOUS LAMINATION/CASTING OPERATIONS

- 63.5865 What data must I generate to demonstrate compliance with the standards for continuous lamination/casting operations?
- 63.5870 How do I calculate annual uncontrolled and controlled organic HAP emissions from my wet-out area(s) and from my oven(s) for continuous lamination/casting operations?
- 63.5875 How do I determine the capture efficiency of the enclosure on my wet-out area and the capture efficiency of my oven(s) for continuous lamination/casting operations?
- 63.5880 How do I determine how much neat resin plus is applied to the line and how much neat gel coat plus is applied to the

line for continuous lamination/casting operations?

- 63.5885 How do I calculate percent reduction to demonstrate compliance for continuous lamination/casting operations?
- 63.5890 How do I calculate an organic HAP emissions factor to demonstrate compliance for continuous lamination/casting operations?

CONTINUOUS COMPLIANCE REQUIREMENTS

- 63.5895 How do I monitor and collect data to demonstrate continuous compliance?
- 63.5900 How do I demonstrate continuous compliance with the standards?

NOTIFICATIONS, REPORTS, AND RECORDS

- 63.5905 What notifications must I submit and when?
- 63.5910 What reports must I submit and when?
- 63.5915 What records must I keep?
- 63.5920 In what form and how long must I keep my records?

OTHER REQUIREMENTS AND INFORMATION

- 63.5925 What parts of the General Provisions apply to me?
- 63.5930 Who implements and enforces this subpart?
- 63.5935 What definitions apply to this subpart?

TABLE 1 TO SUBPART WWWW OF PART 63—EQUATIONS TO CALCULATE ORGANIC HAP EMISSIONS FACTORS FOR SPECIFIC OPEN MOLDING AND CENTRIFUGAL CASTING PROCESS STREAMS

TABLE 2 TO SUBPART WWWW OF PART 63—COMPLIANCE DATES FOR NEW AND EXISTING REINFORCED PLASTIC COMPOSITES FACILITIES

TABLE 3 TO SUBPART WWWW OF PART 63—ORGANIC HAP EMISSIONS LIMITS FOR EXISTING OPEN MOLDING SOURCES, NEW OPEN MOLDING SOURCES EMITTING LESS THAN 100 TPY OF HAP, AND NEW AND EXISTING CENTRIFUGAL CASTING AND CONTINUOUS LAMINATION/CASTING SOURCES THAT EMIT LESS THAN 100 TPY OF HAP

TABLE 4 TO SUBPART WWWW OF PART 63—WORK PRACTICE STANDARDS

TABLE 5 TO SUBPART WWWW OF PART 63—ALTERNATIVE ORGANIC HAP EMISSIONS LIMITS FOR OPEN MOLDING, CENTRIFUGAL CASTING, AND SMC MANUFACTURING OPERATIONS WHERE THE STANDARDS ARE BASED ON A 95 PERCENT REDUCTION REQUIREMENT

TABLE 6 TO SUBPART WWWW OF PART 63—BASIC REQUIREMENTS FOR PERFORMANCE TESTS, PERFORMANCE EVALUATIONS, AND DESIGN EVALUATIONS FOR NEW AND EXISTING SOURCES USING ADD-ON CONTROL DEVICES

TABLE 7 TO SUBPART WWWW OF PART 63—OPTIONS ALLOWING USE OF THE SAME RESIN

ACROSS DIFFERENT OPERATIONS THAT USE THE SAME RESIN TYPE

TABLE 8 TO SUBPART WWWW OF PART 63—INITIAL COMPLIANCE WITH ORGANIC HAP EMISSIONS LIMITS

TABLE 9 TO SUBPART WWWW OF PART 63—INITIAL COMPLIANCE WITH WORK PRACTICE STANDARDS.

TABLE 10 TO SUBPART WWWW OF PART 63—DATA REQUIREMENTS FOR NEW AND EXISTING CONTINUOUS LAMINATION LINES AND CONTINUOUS CASTING LINES COMPLYING WITH A PERCENT REDUCTION LIMIT ON A PER LINE BASIS

TABLE 11 TO SUBPART WWWW OF PART 63—DATA REQUIREMENTS FOR NEW AND EXISTING CONTINUOUS LAMINATION AND CONTINUOUS CASTING LINES COMPLYING WITH A PERCENT REDUCTION LIMIT OR A LBS/TON LIMIT ON AN AVERAGING BASIS

TABLE 12 TO SUBPART WWWW OF PART 63—DATA REQUIREMENTS FOR NEW AND EXISTING CONTINUOUS LAMINATION LINES AND CONTINUOUS CASTING LINES COMPLYING WITH A LBS/TON ORGANIC HAP EMISSIONS LIMIT ON A PER LINE BASIS

TABLE 13 TO SUBPART WWWW OF PART 63—APPLICABILITY AND TIMING OF NOTIFICATIONS

TABLE 14 TO SUBPART WWWW OF PART 63—REQUIREMENTS FOR REPORTS

TABLE 15 TO SUBPART WWWW OF PART 63—APPLICABILITY OF GENERAL PROVISIONS (SUBPART A) TO SUBPART WWWW OF PART 63

APPENDIX A TO SUBPART WWWW OF PART 63—TEST METHOD FOR DETERMINING VAPOR SUPPRESSANT EFFECTIVENESS

Subpart XXXX—National Emission Standards for Hazardous Air Pollutants: Rubber Tire Manufacturing

WHAT THIS SUBPART COVERS

- 63.5980 What is the purpose of this subpart?
- 63.5981 Am I subject to this subpart?
- 63.5982 What parts of my facility does this subpart cover?
- 63.5983 When do I have to comply with this subpart?

EMISSION LIMITS FOR TIRE PRODUCTION AFFECTED SOURCES

- 63.5984 What emission limits must I meet for tire production affected sources?
- 63.5985 What are my alternatives for meeting the emission limits for tire production affected sources?

EMISSION LIMITS FOR TIRE CORD PRODUCTION AFFECTED SOURCES

- 63.5986 What emission limits must I meet for tire cord production affected sources?
- 63.5987 What are my alternatives for meeting the emission limits for tire cord production affected sources?

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EMISSION LIMITATIONS FOR PUNCTURE SEALANT APPLICATION AFFECTED SOURCES

- 63.5988 What emission limitations must I meet for puncture sealant application affected sources?
- 63.5989 What are my alternatives for meeting the emission limitations for puncture sealant application affected sources?

GENERAL COMPLIANCE REQUIREMENTS

- 63.5990 What are my general requirements for complying with this subpart?

GENERAL TESTING AND INITIAL COMPLIANCE REQUIREMENTS

- 63.5991 By what date must I conduct an initial compliance demonstration or performance test?
- 63.5992 When must I conduct subsequent performance tests?
- 63.5993 What performance tests and other procedures must I use?

TESTING AND INITIAL COMPLIANCE REQUIREMENTS FOR TIRE PRODUCTION AFFECTED SOURCES

- 63.5994 How do I conduct tests and procedures for tire production affected sources?
- 63.5995 What are my monitoring installation, operation, and maintenance requirements?
- 63.5996 How do I demonstrate initial compliance with the emission limits for tire production affected sources?

TESTING AND INITIAL COMPLIANCE REQUIREMENTS FOR TIRE CORD PRODUCTION AFFECTED SOURCES

- 63.5997 How do I conduct tests and procedures for tire cord production affected sources?
- 63.5998 What are my monitoring installation, operation, and maintenance requirements?
- 63.5999 How do I demonstrate initial compliance with the emission limits for tire cord production affected sources?

TESTING AND INITIAL COMPLIANCE REQUIREMENTS FOR PUNCTURE SEALANT APPLICATION AFFECTED SOURCES

- 63.6000 How do I conduct tests and procedures for puncture sealant application affected sources?
- 63.6001 What are my monitoring installation, operation, and maintenance requirements?
- 63.6002 How do I demonstrate initial compliance with the emission limits for puncture sealant application affected sources?

CONTINUOUS COMPLIANCE REQUIREMENTS FOR TIRE PRODUCTION AFFECTED SOURCES

- 63.6003 How do I monitor and collect data to demonstrate continuous compliance with the emission limits for tire production affected sources?
- 63.6004 How do I demonstrate continuous compliance with the emission limits for tire production affected sources?

CONTINUOUS COMPLIANCE REQUIREMENTS FOR TIRE CORD PRODUCTION AFFECTED SOURCES

- 63.6005 How do I monitor and collect data to demonstrate continuous compliance with the emission limits for tire cord production affected sources?
- 63.6006 How do I demonstrate continuous compliance with the emission limits for tire cord production affected sources?

CONTINUOUS COMPLIANCE REQUIREMENTS FOR PUNCTURE SEALANT APPLICATION AFFECTED SOURCES

- 63.6007 How do I monitor and collect data to demonstrate continuous compliance with the emission limitations for puncture sealant application affected sources?
- 63.6008 How do I demonstrate continuous compliance with the emission limitations for puncture sealant application affected sources?

NOTIFICATIONS, REPORTS, AND RECORDS

- 63.6009 What notifications must I submit and when?
- 63.6010 What reports must I submit and when?
- 63.6011 What records must I keep?
- 63.6012 In what form and how long must I keep my records?

OTHER REQUIREMENTS AND INFORMATION

- 63.6013 What parts of the General Provisions apply to me?
- 63.6014 Who implements and enforces this subpart?
- 63.6015 What definitions apply to this subpart?

TABLE 1 TO SUBPART XXXX OF PART 63—EMISSION LIMITS FOR TIRE PRODUCTION AFFECTED SOURCES

TABLE 2 TO SUBPART XXXX OF PART 63—EMISSION LIMITS FOR TIRE CORD PRODUCTION AFFECTED SOURCES

TABLE 3 TO SUBPART XXXX OF PART 63—EMISSION LIMITS FOR PUNCTURE SEALANT APPLICATION AFFECTED SOURCES

TABLE 4 TO SUBPART XXXX OF PART 63—OPERATING LIMITS FOR PUNCTURE SEALANT APPLICATION CONTROL DEVICES

TABLE 5 TO SUBPART XXXX OF PART 63—REQUIREMENTS FOR PERFORMANCE TESTS

TABLE 6 TO SUBPART XXXX OF PART 63—INITIAL COMPLIANCE WITH THE EMISSION LIMITS FOR TIRE PRODUCTION AFFECTED SOURCES

TABLE 7 TO SUBPART XXXX OF PART 63—INITIAL COMPLIANCE WITH THE EMISSION LIMITS FOR TIRE CORD PRODUCTION AFFECTED SOURCES

TABLE 8 TO SUBPART XXXX OF PART 63—INITIAL COMPLIANCE WITH THE EMISSION LIMITS FOR PUNCTURE SEALANT APPLICATION AFFECTED SOURCES

TABLE 9 TO SUBPART XXXX OF PART 63—MINIMUM DATA FOR CONTINUOUS COMPLIANCE WITH THE EMISSION LIMITS FOR TIRE PRODUCTION AFFECTED SOURCES

TABLE 10 TO SUBPART XXXX OF PART 63—CONTINUOUS COMPLIANCE WITH THE EMISSION LIMITS FOR TIRE PRODUCTION AFFECTED SOURCES

TABLE 11 TO SUBPART XXXX OF PART 63—MINIMUM DATA FOR CONTINUOUS COMPLIANCE WITH THE EMISSION LIMITS FOR TIRE CORD PRODUCTION AFFECTED SOURCES

TABLE 12 TO SUBPART XXXX OF PART 63—CONTINUOUS COMPLIANCE WITH THE EMISSION LIMITS FOR TIRE CORD PRODUCTION AFFECTED SOURCES

TABLE 13 TO SUBPART XXXX OF PART 63—MINIMUM DATA FOR CONTINUOUS COMPLIANCE WITH THE EMISSION LIMITATIONS FOR PUNCTURE SEALANT APPLICATION AFFECTED SOURCES

TABLE 14 TO SUBPART XXXX OF PART 63—CONTINUOUS COMPLIANCE WITH THE EMISSION LIMITATIONS FOR PUNCTURE SEALANT APPLICATION AFFECTED SOURCES

TABLE 15 TO SUBPART XXXX OF PART 63—REQUIREMENTS FOR REPORTS

TABLE 16 TO SUBPART XXXX OF PART 63—SELECTED HAZARDOUS AIR POLLUTANTS

TABLE 17 TO SUBPART XXXX OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO THIS SUBPART XXXX

Subpart YYYYY—National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines

WHAT THIS SUBPART COVERS

- 63.6080 What is the purpose of subpart YYYYY?
- 63.6085 Am I subject to this subpart?
- 63.6090 What parts of my plant does this subpart cover?
- 63.6092 Are duct burners and waste heat recovery units covered by subpart YYYYY?
- 63.6095 When do I have to comply with this subpart?

EMISSION AND OPERATING LIMITATIONS

- 63.6100 What emission and operating limitations must I meet?

GENERAL COMPLIANCE REQUIREMENTS

- 63.6105 What are my general requirements for complying with this subpart?

TESTING AND INITIAL COMPLIANCE REQUIREMENTS

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TABLE 1 TO SUBPART YYYYY—EMISSION LIMITATIONS

TABLE 2 TO SUBPART YYYYY—OPERATING LIMITATIONS

TABLE 3 TO SUBPART YYYYY—REQUIREMENTS FOR PERFORMANCE TESTS AND INITIAL COMPLIANCE DEMONSTRATIONS

TABLE 4 TO SUBPART YYYYY—INITIAL COMPLIANCE WITH EMISSION LIMITATIONS

TABLE 5 TO SUBPART YYYYY—CONTINUOUS COMPLIANCE WITH OPERATING LIMITATIONS

TABLE 6 TO SUBPART YYYYY—REQUIREMENTS FOR REPORTS

TABLE 7 TO SUBPART YYYYY—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART YYYYY

AUTHORITY: 42 U.S.C. 7401 *et seq.*

SOURCE: 57 FR 61992, Dec. 29, 1992, unless otherwise noted.

Environmental Protection Agency

§ 63.1444

Subpart QQQ—National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting

20, 1998. An affected source is reconstructed if it meets the definition of “reconstruction” in §63.2.

SOURCE: 67 FR 40491, June 12, 2002, unless otherwise noted.

WHAT THIS SUBPART COVERS

§ 63.1443 When do I have to comply with this subpart?

§ 63.1440 What is the purpose of this subpart?

(a) If you have an existing affected source, you must comply with each emission limitation, work practice standard, and operation and maintenance requirement in this subpart that applies to you no later than June 13, 2005.

This subpart establishes national emission standards for hazardous air pollutants (NESHAP) for primary copper smelters. This subpart also establishes requirements to demonstrate initial and continuous compliance with all applicable emission limitations, work practice standards, and operation and maintenance requirements in this subpart.

(b) If you have a new affected source and its initial startup date is on or before June 12, 2002, you must comply with each emission limitation, work practice standard, and operation and maintenance requirement in this subpart that applies to you by June 12, 2002.

§ 63.1441 Am I subject to this subpart?

(c) If you have a new affected source and its initial startup date is after June 12, 2002, you must comply with each emission limitation, work practice standard, and operation and maintenance requirement in this subpart that applies to you upon initial startup.

You are subject to this subpart if you own or operate a primary copper smelter that is (or is part of) a major source of hazardous air pollutant (HAP) emissions on the first compliance date that applies to you, and your primary copper smelter uses batch copper converters as defined in §63.1459. Your primary copper smelter is a major source of HAP if it emits or has the potential to emit any single HAP at the rate of 10 tons or more per year or any combination of HAP at a rate of 25 tons or more per year.

(d) If your primary copper smelter is an area source that becomes a major source of HAP, the compliance dates listed in paragraphs (d)(1) and (2) of this section apply to you.

§ 63.1442 What parts of my plant does this subpart cover?

(1) Any portion of the existing primary copper smelter that is a new affected source or a new reconstructed source must be in compliance with this subpart upon startup.

(a) This subpart applies to each new and existing affected source at your primary copper smelter. The affected sources are each copper concentrate dryer, each smelting furnace, each slag cleaning vessel, each copper converter department, and the entire group of fugitive emission sources, as defined in §63.1459.

(2) All other parts of the primary copper smelter must be in compliance with this subpart no later than 3 years after it becomes a major source.

(b) An affected source at your primary copper smelter is existing if you commenced construction or reconstruction of the affected source before April 20, 1998.

(e) You must meet the notification and schedule requirements in §63.1454. Several of these notifications must be submitted before the compliance date for your affected source.

(c) An affected source at your primary copper smelter is new if you commenced construction or reconstruction of the affected source on or after April

EMISSION LIMITATIONS AND WORK PRACTICE STANDARDS

§ 63.1444 What emissions limitations and work practice standards must I meet for my copper concentrate dryers, smelting furnaces, slag cleaning vessels, and copper converter departments?

(a) *Copper concentrate dryers.* For each copper concentrate dryer, you must