Appendix CO

Cleaning Operations

Emission Limitations and Standards (General)

1. Cleaning solvent-laden cloth, paper, or any other absorbent applicators used for cleaning shall be place in bags or other closed containers upon completing their use. Bags and containers shall be closed at all times except when depositing or removing these materials from the container. Use bags and containers of such design so as to contain the vapors of the cleaning solvents. Cotton tipped swabs used for very small cleaning operations are exempt from this requirement.
   [40 CFR 63.744(a)(1), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

2. Store fresh and spent cleaning solvents, except semi-aqueous solvent cleaners used in aerospace cleaning operations in closed containers
   [40 CFR 63.744(a)(2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

3. Conduct the handling and transfer of cleaning solvents to or from enclosed systems, vats, waste containers, and other cleaning operation equipment that hold or store fresh or spent cleaning solvents in such a manner that minimizes spills.
   [40 CFR 63.744(a)(3), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Emission Limitations and Standards (Hand Wipe Cleaning)

4. Cleaning solvents shall meet the requirements contained in Table 1 or have a composite vapor pressure of 45 mm Hg (24.1 inches of H_2O) or less at 20 degrees Centigrade (68 degrees Fahrenheit).
   [40 CFR 63.744(b)(1 and 2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Emission Limitations and Standards (Spray Gun Cleaning)

5. Enclosed system. Clean the spray gun in an enclosed system that is closed at all times except when inserting or removing the spray gun. Cleaning shall consist of forcing solvent through the gun.
   [40 CFR 63.744(c)(1)(i), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

6. If leaks are found during the monthly inspection they shall be repaired as soon as possible but no later than 15 days after discovery. If not repaired as required the procedures specified in 40 CFR 63.744(c)(ii) shall be followed.
   [40 CFR 63.744(c)(1)(ii), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

7. Non atomized system. Clean the spray gun in accordance with the procedures specified in 40 CFR 63.744(c)(2).
   [40 CFR 63.744(c)(2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

8. Disassembled Spray Gun Cleaning. Clean the spray gun in accordance with the procedures specified in 40 CFR 63.744(c)(3).
   [40 CFR 63.744(c)(3), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

9. Atomizing Cleaning. Clean the spray gun in accordance with the procedures specified in 40 CFR 63.744(c)(4).
[40 CFR 63.744(c)(4), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Emission Limitations and Standards (Flush Cleaning)

10. Flush cleaning operations and spent solvent handling shall be conducted in accordance with the procedures specified in 40 CFR 63.744(d).
[40 CFR 63.744(d), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Exempt Cleaning Operations

11. The activities specified in 40 CFR 63.744(e) are exempt from the requirements specified in 40 CFR 63.744(b).
[40 CFR 63.744(e), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Test Methods and Procedures (Cleaning Operations)

12. The determination of composition and vapor pressure of hand wipe solvents shall be performed as specified in 40 CFR 63.750(a and b).
[40 CFR 63.750(a and b), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Monitoring Requirements (Cleaning Operations)

13. The owner or operator of an enclosed spray gun cleaner shall visually inspect the seals and all other potential sources of leaks associated with each enclosed spray gun cleaner system at least once per month. Each inspection shall occur while the system is in operation.
[40 CFR 63.751(a), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Recordkeeping Requirements (Cleaning Operations)

14. The following information shall be recorded as follows:

a. Name, vapor pressure, and documentation showing the organic HAP constituents of each cleaning solvent used for affected cleaning operations at the facility.
b. Each cleaning solvent which complies with the composition requirement specified in 40 CFR 63.744(b)(1):
    (i) Name of each cleaning solvent
    (ii) All data and calculations that demonstrate that the cleaning solvent complies with one of the composition requirements
    (iii) Annual records of the volume of each solvent used, as determined from the facility purchase records or usage records.
c. Each cleaning solvent which complies only with the vapor pressure requirement specified in 40 CFR 63.744(b)(2):
    (i) Name of each cleaning solvent used
    (ii) Composite vapor pressure of each cleaning solvent used
    (iii) All vapor pressure test, if appropriate, data, and calculations used to determine the composite vapor pressure of each cleaning
    5 solvent

(iv) The amount in gallons of each cleaning solvent used each month at each operation

d. A record of all leaks from enclosed spray gun cleaners identified pursuant to 40 CFR 63. 751(a) that includes for each leak found:

(i) Source identification

(ii) Date leak was discovered

(iii) Date leak was repaired

[40 CFR 63.752, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Reporting Requirements (Cleaning Operations)

15. The owner/operator shall submit semi-annual reports (every 6 months) for the period(s) September 1 through February 28 or 29, and March 1 through August 31. The reports shall be due May 1 for the September through February reporting period and November 1 for the March through August reporting period. The reports shall contain the following information:

a. Any instance where a noncompliance cleaning solvent is used for a non-exempt hand-wipe cleaning operation.

b. A list of any new cleaning solvents used for hand-wipe cleaning in previous 6 months and, as appropriate, their composite vapor pressure or notification that they comply with the composition requirements specified in 40 CFR 63.744(b)(1).

c. Any instance where a noncompliance spray gun cleaning method is used

d. Any instance where a leaking enclosed spray gun cleaner remains un-repaired and in use for more than 15 days

e. If operations have been incompliance for the semi-annual period a statement that the cleaning operations have been in compliance with the applicable standards. Sources shall also submit a statement of compliance signed by a responsible official certifying that the facility is in compliance with all applicable requirements.

[40 CFR 63.753, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

<u>General Provisions Applicability to Subpart GG</u>

Table 1 to Subpart GG of Part 63 defines the applicable parts of the General Provisions which apply to affected emission units in 40 CFR, Subpart GG.
[40 CFR 63, Subpart GG, Table 1, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

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