Appendix DO

Emission Limitations and Standards (Depainting Operation)

1. VE shall be limited to maximum of 5 percent opacity.
   [Rule 62-4.070, FAC, and Rule 2.1401, JEPB]

2. The owner/operator shall operate the depainting system, air handling and collection system, and the dry particulate filter system in accordance with manufacturer's specifications. During periods of malfunction of such equipment the owner/operator may use substitute materials during the repair period provided the substitute materials used are those available that minimize organic HAP emissions. In no event shall substitute materials be used for more than 15 days annually, unless such materials are organic HAP free.
   [40 CFR 63.746(b)(2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

3. The owner/operator shall only perform the depainting operation in the enclosed blasting area. The air stream from the blasting area shall be passed through a dry particulate filter system prior to discharge to the atmosphere. The dry particulate filter system shall be certified using the method described in 40 CFR 63.750(o) to meet or exceed the efficiency data points listed in Tables 1 and 2 of 40 CFR 63.745. Tables 1 and 2 are attached to the permit and are part of the permit.
   [40 CFR 63.746(b)(4)(ii)(B), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

4. The dry particulate filter system shall meet and be used in accordance with the following requirements:
   (A) Maintain the system in good working order
   (B) Install a differential pressure gauge across the filter banks
   (C) Continuously monitor the pressure drop across the filter, and read and record the pressure drop once per shift
   (D) Take corrective action when the pressure drop exceeds the manufacturer's recommended limits
   [40CFR 63.746(b)(4)(iii), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

5. If the pressure drop as recorded pursuant to 40 CFR 63.752(e)(7) falls outside the manufacturer's limit and/or the manufacturer's maintenance procedures for the dry particulate filter system have not peen performed as scheduled then the depainting operation shall be shut down immediately and corrective action taken. The depainting operation shall not be restarted until the pressure drop is returned within specified limits and corrective action taken.
   [40CFR 63.746(b)(4)(v), 40 CFR 63.752(e)(7), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

6. Mechanical and hand sanding operations are exempt from the above requirements.
   [40CFR 63.746(b)(5), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Test Methods and Procedures (Depainting Operation)

7. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.
   [Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

8. VE testing shall be conducted annually from the date of April 1, 2003. VE testing shall be conducted for a minimum period of 30 minutes.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

9. The dry particulate filter shall be certified in accordance with the requirements specified in 40 CFR 63.750(o).
[40 CFR 63.750(o), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Compliance Determinations (Depainting Operation)

10. Compliance with the inorganic HAP depainting operations is determined by the procedures, methods, and conditions specified in 40 CFR 63.749(g)(1 and 2).
[40 CFR 63.749(g)(1 and 2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Monitoring (Depainting Operation)

11. While depainting operations are occurring the owner/operator shall continuously monitor the pressure drop across the dry particulate filter system; and read and record the pressure drop once per shift following the recordkeeping requirements of 40 CFR 63.752(e).
[40 CFR 63.751(d), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

12. All monitoring data shall be maintained in accordance with the requirements of 40 CFR 63.751(f).
[40 CFR 63.751(f), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Recordkeeping Requirements (Depainting Operation)

13. The owner/operator shall maintain records of each type of aircraft depainted, a listing of the parts, subassemblies, and assemblies normally removed from the aircraft before depainting. Prototype, test models, or aircraft which exist in low numbers (i.e., less than 25 aircraft of any one type) are exempt from this requirement.
[40 CFR 63.752(e)(4), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

14. The owner/operator shall maintain records of the names and types of dry media blasting equipment used.
[40 CFR 63.752(e)(5)(i), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

15. The owner/operator shall record the pressure drop across the dry particulate filter system once each shift in which the depainting process is in operation. A log of the acceptable limit(s) of pressure drop as specified by the filter or booth manufacturer shall be maintained.
[40 CFR 63.752(e)(7), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

16. The owner/operator shall maintain names and types of dry media blasting equipment used and the following records shall be recorded during periods of malfunction of the dry media blasting system:
    - (A) Equipment or technique which malfunctioned
    - (B) Date that the malfunction occurred
    - (C) Description of the malfunction
    - (D) Methods used to depaint aerospace vehicles during the malfunction
    - (E) Dates that the alternative methods were begun and discontinued

(F) Date that the malfunction was corrected

[40 CFR 63.752(e)(5)(i and ii), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

17. For spot stripping and decal removal the owner/operator shall keep records of the volume of organic HAP containing chemical stripper or weight of organic HAP used, the average annual volume of organic HAP containing chemical stripper or weight of organic HAP used per aircraft, the annual number of aircraft stripped, and all data and calculations.
[40 CFR 63.752(e)(6), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Reporting Requirements (Depainting Operation)

18. 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) Identification of any 24 hour period where organic HAP were emitted from the depainting of aerospace vehicles, other than from exempt operations listed in 40 CFR 63.746(a), (b)(3), and (b)(5).
    (b) Any new non-chemical depainting technique in use since the notification of compliance status or any subsequent semiannual report was filed
    (c) Periods of Malfunction:
        (A) Equipment or technique which malfunctioned
        (B) Date that the malfunction occurred
        (C) Description of the malfunction
        (D) Methods used to depaint aerospace vehicles during the malfunction
        (E) Dates that the alternative methods were begun and discontinued
        (F) Date that the malfunction was corrected
        (G) All periods when the depainting operation was not shut down during a malfunction and/or when the depainting operation was not shutdown when measured operational parameters were below or above limits specified by the equipment manufacturer or locally prepared operational procedures
    (d) A list of new and discontinued aircraft models depainted at the facility over the last 6 months and a list of the parts normally removed for depainting for each new aircraft model being depainted
    (e) If the depainting operation has been in compliance for the reporting period a statement signed by the responsible official stating that the operation was in compliance with the applicable standards

[40 CFR 63.753(d)(1), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

19. The owner/operator shall submit annual reports (every 12 months) for the period September 1 through August 31. The reports shall be due November 1 each year. The reports shall contain the following information:
    (a) The average volume per aircraft of organic HAP containing chemical strippers or weight of organic HAP used for spot stripping and decal removal operations if it exceeds the limits specified in 40 CFR 63.746(b)(3)

(b) The number of times the pressure drop limits for each filter system measured operational parameters were outside limits specified by the equipment manufacturer or locally prepared operational procedures

[40 CFR 63.753(d)(2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

20. The owner/operator shall maintain records of the monthly operating hours of the blasting booth and shall maintain records of the monthly use of abrasive blasting material. Semi-annual reports of this information shall be submitted to the Department with the semi-annual reports required above.
[Rule 62-213.440(1)(b), FAC, and Rule 2.501, JEPB]

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