**Section 218.215 Wood Furniture Coating Averaging Approach**

a) On and after March 15, 1998, any owner or operator of a source subject to the limitations of Section 218.204(l) of this Subpart may elect to comply with the requirements of this Section rather than complying with the applicable emission limitations set forth in Section 218.204(l)(2)(A) or (B) of this Subpart. The source must continue to comply with the limitations set forth in Section 218.204(l)(3) and (4) of this Subpart. A source electing to rely on this Section to demonstrate compliance with the requirements of this Subpart shall operate pursuant to federally enforceable permit conditions approved by the Agency and USEPA.

b) An owner or operator of a source subject to the limitations of Section 218.204(l) of this Subpart and electing to rely on this Section to demonstrate compliance with this Subpart must establish, by use of subsection (b)(1) or (b)(2) of this Section, that, on a daily basis, actual emissions from the affected source are less than or equal to ninety percent of the allowable emissions, that is Va ≤ Vp:

1) Option I:

A) ; and

B) 

2) Option II:

A) +

; and

B) 



where:

|  |  |  |
| --- | --- | --- |
| Va | = | Actual VOM emissions from the source; |
| Vp | = | 90% of the allowable VOM emissions from the source; |
| n | = | Number of different wood furniture coatings as applied each day on each coating line; |
| i | = | Subscript denoting an individual coating; |
| TCi | = | kilograms of solids in topcoat "i" used; |
| SEi | = | kilograms of solids in sealer "i" used; |
| WCi | = | kilograms of solids in wash coat "i" used; |
| PCi | = | kilograms of solids in non-topcoat pigmented coat "i" used; |
| STi | = | liters of stain "i" used; |
| ERTCi | = | VOM content of topcoat "i" in kg VOM/kg solids, as applied; |
| ERSEi | = | VOM content of sealer "i" in kg VOM/kg solids, as applied; |
| ERWCi | = | VOM content of washcoat "i" in kg VOM/kg solids, as applied; |
| ERPCi | = | VOM content of non-topcoat pigmented coat "i" in kg VOM/kg solids, as applied; |
| ERSTi | = | VOM content of stain "i" in kg VOM/liter (kg/l), as applied; |

c) Within the structure of the source's federally enforceable permit conditions, an owner or operator of a source electing to rely on this Section to demonstrate compliance with this Subpart shall provide to the Agency:

1) The name and identification number of each participating coating line;

2) The name and identification number of each coating as applied on each participating coating line;

3) A summary of how averaging will be used to meet the emission limitations;

4) Documentation that Va ≤ Vp, as calculated in subsection (b)(1) or (2) of this Section;

5) A description of which types of coating materials will be included in the source's averaging program, which may include stains, basecoats, washcoats, sealers, and topcoats. Coating materials that are applied using continuous coaters may be used in an averaging program only if the source can determine the amount of coating used each day;

6) A description of methods and procedures for quantifying emissions on a daily basis, including methods to determine the VOM content of each coating and the daily usage of each coating; and

7) A summary of the monitoring, recordkeeping, and reporting procedures that will be used to demonstrate daily compliance with the inequalities in subsections (b)(1) and (2) of this Section. These procedures shall be structured such that the Agency and the owner or operator of the source can determine the source's compliance status for any given day.

d) On and after March 15, 1998, or on and after the initial start-up date, the owner or operator of a source electing to rely on this Section to comply with the requirements of this Subpart shall, for each coating line relying on this Section, collect and record the following information on a daily basis and maintain the information at the source for a period of three years:

1) The name and identification number of each coating as applied on the coating line;

2) The weight of VOM per weight of solids (kg VOM/kg solids) and the weight of solids (kg) of each coating as applied on each coating line on a daily basis;

3) Certified product data sheets for each coating; and

4) The calculations showing the source has met the conditions of the inequalities in subsection (b)(1) or (2) of this Section.

e) On and after March 15, 1998, or on and after the initial start-up date, the owner or operator of a source electing to rely on this Section to comply with the requirements of this Subpart shall:

1) Notify the Agency within 30 calendar days following an occurrence of a violation of this Section; and

2) Send to the Agency any record showing a violation of this Section within 30 calendar days following the occurrence of a violation.

f) At least 30 calendar days before changing the method of compliance with this Subpart from reliance on this Section to reliance on Section 218.204(l)(2)(A) or (B) of this Subpart, the owner or operator of a source relying on this Section to demonstrate compliance with this Subpart for one or more wood furniture coating lines shall:

1) Comply with all requirements of Section 218.211(c)(1) of this Subpart; and

2) Certify that all remaining coating lines relying on this Section to comply with the requirements of this Subpart, if any, comply and continue to comply with the requirements of this Section.

(Source: Added at 22 Ill. Reg. 3556, effective February 2, 1998)