**Section 215.207 Compliance by Aggregation of Emission Units**

a) Owners or operators of coating lines subject to Section 215.204 may comply with this Section rather than with Section 215.204. The methods or procedures used to determine emissions of volatile organic material under this Section shall be approved by the Agency in accordance with 35 Ill. Adm. 201. Emissions of volatile organic material form sources subject to Section 215.204 are allowable, notwithstanding the limitations in Section 215.204, if the combined actual emissions from selected coating lines at the coating plant, but not including coating lines or other emission sources constructed or modified after July 1, 1979, is less than or equal to the combined allowable emissions as determined by the following equations:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *EALL* | = | *m* | *n* | (*AiBi*)*j* |
| Σ | Σ |
| *j*=1 | *i*=1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *EACT* | = | *m* | *n* | (*CiBi*(*1-Di*))*j* |
| Σ | Σ |
| *j*=1 | *i*=1 |

b) Ai shall be determined by the following formula:

|  |  |  |
| --- | --- | --- |
| *Ai* | = | *Ri* |
| 1- | *Ri* |
|  |  | *Si* |

c) As used in subsection (a) and (b), symbols mean the following:

|  |  |  |
| --- | --- | --- |
| EALL | = | the allowable volatile organic material emissions from the coating plant in kg/day (lb/day). |
| Ai | = | the allowable emission limit for a coating pursuant to Section 215.204 expressed in kg/1 (lbs/gal) of coating solids. |
| Bi | = | the volume of coating solids in 1/day (gal/day) in a coating as delivered to the coating line. |
| m | = | the number of coating lines included in the combined emission rate. |
| n | = | the number of different coatings delivered to a coating line. |
| EACT | = | the actual volatile organic material emissions from the coating plant in kg/day (lbs/day). |
| Ci | = | the weight of volatile organic material per volume of solids in kg/1 (lb/gal) for a coating. |
| Di | = | the control efficiency by which emissions of volatile organic material from a coating are reduced through the use of control equipment. |
| Ri | = | the applicable organic material emission limit pursuant to Section 215.204, for a coating in kg/1 (lb/gal). |
| Si | = | the density of the volatile organic material in a coating in kg/l (lb/gal). |

d) The owner or operator of the coating plant shall maintain records of the density of the volatile organic material in each coating, the quantity and volatile organic material and solids content of each coating applied and the line to which coating is applied, in such a manner so as to demonstrate continuing compliance with the combined allowable emissions.

e) Except for emission units subject to Section 215.301 or 215.302, credits from emission units at the coating plant that are subject to this Part, other than coating lines, may be given to the extent that emissions are reduced from the allowable emission limits for such emission units contained in either this Part or any existing operating permit, whichever limit is less.

(Source: Amended at 22 Ill. Reg. 11427, effective June 19, 1998)