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ANNEX VII

Technical provisions relating to installations and activities using organic solvents

PART 7

Solvent management plan

3.   Use of the solvent management plan for verification of compliance.

The use made of the solvent management plan shall be determined by the particular requirement which is to be verified, as follows:

(a)   verification of compliance with the reduction scheme as set out in Part 5, with a total emission limit value expressed in solvent emissions per unit product, or otherwise stated in Parts 2 and 3.

　　(i)   for all activities using the reduction scheme as set out in Part 5, the solvent management plan shall be drawn up annually to determine the consumption (C). The consumption shall be calculated according to the following equation:

　　　　$C = I1 - O8$

　　　　A parallel exercise shall also be undertaken to determine solids used in coating in order to derive the annual reference emission and the target emission each year.

　　(ii)   for assessing compliance with a total emission limit value expressed in solvent emissions per unit product or otherwise stated in Parts 2 and 3, the solvent management plan shall be drawn up annually to determine the emissions (E). The emissions shall be calculated according to the following equation:

　　　　$E = F + O1$

　　　　Where F is the fugitive emission as defined in point (b)(i). The emission figure shall then be divided by the relevant product parameter.

　　(iii)   for assessing compliance with the requirements of point (b)(ii) of Article 59(6), the solvent management plan shall be drawn up annually to determine total emissions from all activities concerned, and that figure shall then be compared with the total emissions that would have resulted had the requirements of Parts 2, 3 and 5 been met for each activity separately.

(b)   Determination of fugitive emissions for comparison with the fugitive emission limit values in Part 2:

　　(i)   The fugitive emission shall be calculated according to one of the following equations;

　　　　$F = I1 - O1 - O5 - O6 - O7 - O8$

　　　　or

　　　　$F = O2 + O3 + O4 + O9$

F shall be determined either by direct measurement of the quantities or by an equivalent method or calculation, for instance by using the capture efficiency of the process.

The fugitive emission limit value is expressed as a proportion of the input, which shall be calculated according to the following equation:

$I = I1 + I2$

(ii)   Determination of fugitive emissions shall be done by a short but comprehensive set of measurements and needs not be done again until the equipment is modified.