

Appendix I

SOLVENT MANAGEMENT PLAN

Introduction

1. This appendix to the annex on limit values for emissions of non-methane volatile organic compounds (NMVOCs) from stationary sources provides guidance on carrying out a solvent management plan. It identifies the principles to be applied (para. 2), provides a framework for the mass balance (para. 3) and provides an indication of the requirements for verification of compliance (para. 4).

Principles

2. The solvent management plan serves the following purposes:
- (a) Verification of compliance, as specified in the annex; and
 - (b) Identification of future reduction options.

Definitions

3. The following definitions provide a framework for the mass balance exercise:

(a) Inputs of organic solvents:

11. The quantity of organic solvents or their quantity in preparations purchased that are used as input into the process in the time frame over which the mass balance is being calculated.

12. The quantity of organic solvents or their quantity in preparations recovered and reused as solvent input into the process. (The recycled solvent is counted every time it is used to carry out the activity.)

(b) Outputs of organic solvents:

O1 Emission of NMVOCs in waste gases.

O2 Organic solvents lost in water, if appropriate taking into account waste-water treatment when calculating O5.

O3 The quantity of organic solvents that remains as contamination or residue in output of products from the process.

O4 Uncaptured emissions of organic solvents to air. This includes the general ventilation of rooms, where air is released to the outside environment via windows, doors, vents and similar openings.

O5 Organic solvents and/or organic compounds lost due to chemical or physical reactions (including, for example, those that are destroyed, e.g. by incineration or other waste-gas or waste-water treatments, or captured, e.g. by adsorption, as long as they are not counted under O6, O7 or O8).