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## ANNEX I

## LIMIT VALUES, TIME LIMITS FOR COMPLIANCE WITH THESE VALUES AND PROCEDURE FOR MONITORING DISCHARGES

## 1. LIMIT VALUES AND TIME LIMITS

Industrial sector <sup>a</sup>	Unit of measurement	<sup>d</sup> Limit values to be complied with from	
		1 April 1986	1 October 1988
1. Plant for the production of HCH	grams of HCH per tonne of HCH produced <sup>b</sup>	3	2
	milligrams of HCH per litre discharged <sup>c</sup>	3	2
2. Plant for the extraction of lindane	grams of HCH per tonne of HCH treated <sup>b</sup>	15	4
	milligrams of HCH per litre discharged <sup>c</sup>	8	2
3. Plant where the production of HCH and extraction of lindane is carried out	grams of HCH per tonne of HCH produced <sup>b</sup>	16	5
	milligrams of HCH per litre discharged <sup>c</sup>	6	2

**a** The limit values in the table also include any discharges resulting from lindane formulation on the same site. The Council will, as necessary, determine limit values and appropriate measures later for industrial sectors treating HCH which are not mentioned in this table, and in particular for industrial plants for lindane formulation producing protective agents for plants, wood and cables. Meanwhile, the Member States will independently fix emission standards for the discharges from such plants, taking into account the best technical means available.

**b** Limit values by weight (monthly average).

**c** Limit values by concentration (monthly flow-weighted average concentration of HCH).

**d** Limit values applicable to the total quantity of HCH present in all discharges of water containing HCH coming from the site of the industrial plant.

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2. Limit values expressed as concentrations which in principle must not be exceeded are given in the above table. In no instance may limit values expressed as maximum concentrations be greater than limit values expressed by weight divided by water requirements per tonne of HCH produced or treated.

The limit values by weight given in the above table, expressed in terms of the quantity of HCH discharged in relation to the quantity of HCH produced or treated, must be complied with in all cases.

3. The daily average limit values are, when monitored in accordance with the provisions in points 4 and 5 below, twice the corresponding monthly average limit values given in the above table.

4. A monitoring procedure must be instituted to check whether the discharges comply with the emission standards which have been fixed in accordance with this Directive.

This procedure must provide for the taking and analysis of samples and for measurement of the flow of the discharge and the quantity of HCH produced or treated. Should the quantity of HCH produced or treated be impossible to determine, the monitoring procedure may, at most, be based on the quantity of HCH likely to be produced or treated during the period in question, taking into account the production plants in operation, and within the limits on which the authorization was based.

5. A sample representative of the discharge over a period of 24 hours will be taken. The quantity of HCH discharged over a month must be calculated on the basis of the daily quantities of HCH discharged.

However, a simplified monitoring procedure may be instituted in the case of industrial plants which do not discharge more than 3 kg of HCH per annum.