

Annex I of the Convention and its application for the identification of hazardous activities

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UN-ECE Convention on the Transboundary Effects of Industrial Accidents
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Convention on the Transboundary Effects of Industrial Accidents

17.03.1992 adopted

19.04.2000 entered into force

The Convention lays down a set of measures to **protect** human beings and the environment against the effects of industrial accidents, and to promote active international cooperation between the contracting parties before, during and after such accidents.

Art.2

Convention

This Convention shall apply to the **prevention** of, **preparedness** for and **response** to industrial accidents capable of causing transboundary effects, including the effects of such accidents caused by natural disasters, and to international cooperation concerning mutual assistance, research and development, exchange of information and exchange of technology in the area of prevention of, preparedness for and response to industrial accidents.

Hazardous Substances Convention

Article 1 DEFINITIONS

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(b) "Hazardous activity" means any activity in which one or more hazardous **substances** are present or may be present **in quantities at or in excess of the threshold quantities listed in Annex I** hereto, and which is capable of causing transboundary effects;

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Results

**Conference of the Parties
to the Convention on the Transboundary Effects of
Industrial Accidents
Fourth meeting
Rome, 15–17 November 2006**

**Review of Annex I to the Convention
and its Amendment**

Hazardous substances when and where

Industrial accident means an event in an installation, for example during **manufacture, use, storage, handling, or disposal**, or during **transportation** (Convention – Art.1)

For the identification of hazardous activities, Parties shall take into consideration the foreseeable possibility of **aggravation** of the hazards involved and the quantities of the hazardous substances and **their proximity**, whether **under the charge of one or more operators**.

Annex I (Part I)

<i>Category</i>	<i>Threshold Quantity (metric tons)</i>	
	new	old
1. Flammable ²	50,000	50,000
2a. Highly flammable ^{3(a) and (b)}	200	200
2b. Highly flammable ^{3(c)}	50,000	
3. Extremely flammable ⁴	50	200 (gases)
4. Toxic ⁵	200	500-200
5. Very toxic ⁶	20	
6. Oxidizing ⁷	200	500-200
7a. Explosive, where the substance, preparation or article falls under Division 1.4 of the GHS criteria ⁸	200	200-50
7b. Explosive, where the substance, preparation or article falls under Division 1.1,1.2, 1.3, 1.5 or 1.6 of the GHS criteria ⁸	50	
8a. Dangerous for the environment "Toxic to aquatic organisms" ⁹	500	
8b. Dangerous to the environment "Very toxic to aquatic organisms" ¹⁰	200	200

Annex I (Part II)

<i>Substance</i>	<i>Threshold Quantity (metric tons)</i>	
	new	old
Ammonia		500
1a. Ammonium nitrate ¹¹	10,000	
1b. Ammonium nitrate ¹²	5,000	
1c. Ammonium nitrate ¹³	2,500	
1d. Ammonium nitrate ¹⁴	50	
2a. Potassium nitrate ¹⁵	10,000	
2b. Potassium nitrate ¹⁶	5,000	
Acrylonitrile		25
3. Chlorine	25	25
4. Ethylene oxide	50	50
Hydrogen fluoride		50
Hydrogen sulphide		50
Sulphur dioxide		250

Annex I (Part II)

<i>Substance</i>	<i>Threshold Quantity (metric tons)</i>	
	new	old
5. Hydrogen	50	
6. Toluene diisocyanate	100	
7. Sulphur trioxide	75	75
8. Lead alkyls	50	50
9. Phosgene	0.75	0,75
10. Methyl isocyanate	0.15	0,15
11. Liquefied extremely flammable gases (including LPG) and natural gas	200	
12. Petroleum products: gasolines and naphthas; kerosenes (including jet fuels); gas oils (including diesel fuels, home heating oils and gas oil blending streams)	25,000	

Thank you for your attention

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