

Waste Classification Schemes

Country: POLAND

Reporting Year: 2013

Waste Class Matrix: **IAEA Def.**

This country does use the IAEA Scheme: Yes

Description: The Agency's standard matrix

Waste Class Name	Distribution %			
	VLLW	LLW	ILW	HLW
VLLW	100.0	0.0	0.0	0.0
LLW	0.0	100.0	0.0	0.0
ILW	0.0	0.0	100.0	0.0
HLW	0.0	0.0	0.0	100.0

Comment **# 30824:**National profile

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Waste Class Matrix: **POL**

Yes

Description: LLW-SL: low level waste short lived
 LLW-LL: low level waste long lived
 MLW-SL: medium level waste short lived
 MLW-LL: medium level waste long lived
 HLW-SL: high level waste short lived
 HLW-LL: high level waste long lived

Waste Class Name	Distribution %			
	VLLW	LLW	ILW	HLW
LLW-SL	34.0	66.0	0.0	0.0
LLW-LL	0.0	76.0	24.0	0.0
MLW-SL	0.0	100.0	0.0	0.0
MLW-LL	0.0	0.0	100.0	0.0
HLW-SL	0.0	0.0	100.0	0.0
HLW-LL	0.0	0.0	0.0	100.0

Comment **# 20236: Waste Matrix POL**

Polish Atomic Law classify radioactive waste into three categories according to its activity level or surface dose rate: low-, medium- and high level. These categories are further subdivided into sub-categories according to the half-life of radioactive isotopes contained in the waste. Disused (spent) sealed radioactive sources form an additional category of radioactive waste. Those sources are classified into the following categories of spent sealed radioactive sources according, to the level of their activity: low-, medium- and high-level, which are further subdivided according to the half-life of contained radionuclides into short-lived and long-lived sub-categories. Because processing of sources is not normally carried out by RWMP which has no shielding handling facility for removing sources from containers they are disposed or stored in containers and they are a separate stream of radioactive waste (by volume about 18%).

Comment **# 22984: Waste classification**

"Regulation of the Council Ministers on Radioactive Waste and Spent Fuel" established methods for radioactive waste qualification into categories and sub-categories. For low-level waste radioactive concentration in the waste exceeds the value established in Annex 1 to this regulation: "Activity and radioactive concentration values that form the base for waste classification into the radioactive waste category" (that is the same as Table I-I. - Exemption levels in Schedule I, of the "International Basic Safety Standards for Protection Against Ionizing Radiation and for the Safety of Radiation Sources. Safety Series No. 115") but not more than 10E4 times. For medium level exceeds the value of 10E4 times but not more than 10E7 times, and high level waste exceeds the value 10E7 times. The low, intermediate and high level waste is subsequently classified into sub-categories: - Transitional waste - which will decay within the period of three years below the value in Annex 1; - Short-lived waste - waste containing radionuclides of half-life <30 years with the restricted long-lived radionuclides concentration to 400 kBq/kg in individual waste packages; - Long-lived waste: waste whose long lived radionuclides activity exceeds 400 kBq/kg. The spent sealed sources are grouped into three subcategories: - Low level - if the activity of the source exceed the value given in Annex 1 - second column, but is below 10E8 Bq, - Medium level - if the activity is in the range from 10E8 to 10E12 Bq, and -High level if exceeds 10E12 Bq.

Attachment **#2036: Waste Matrix**

Atomic Law.pdf

Act of Parliament of 29 November 2000: Atomic Law

Attachment **#2037: Waste Matrix**

Regulation of the Council of Ministers on radioactive waste and spent nuclear fuel.pdf

Regulation of the Council of Ministers of 3 December 2002 on Radioactive Waste and spent Nuclear Fuel

Attachment **#2514: Waste Matrix**

Waste Classification.doc

Definition of «unprocessed waste» and «processed waste»:

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This country uses the IAEA standard definition:

	as-generated waste	processed for handling	processed for storage	processed for disposal
Unprocessed means:	x			
Processed means:		x	x	x