

APPROVED 1540 COMMITTEE MATRIX

The information in the matrices originates primarily from national reports and is complemented by official government information, including that made available to inter-governmental organizations. The matrices are prepared under the direction of the 1540 Committee.

The 1540 Committee intends to use the matrices as a reference tool for facilitating technical assistance and to enable the Committee to continue to enhance its dialogue with States on their implementation of Security Council Resolution 1540.

The matrices are not a tool for measuring compliance of States in their non-proliferation obligations but for facilitating the implementation of Security Council Resolutions 1540 (2004), 1673 (2006), 1810 (2008), 1977 (2011), 2055 (2012) and 2325 (2016). They do not reflect or prejudice any ongoing discussions outside of the Committee, in the Security Council or any of its organs, of a State's compliance with its non-proliferation or any other obligations. Information on voluntary commitments is for reporting purpose only and does not constitute in any way a legal obligation arising from resolution 1540 or its successive resolutions.

Matrix entries are only indicators of fact and not indicators of the degree of compliance under resolution 1540 (2004) and its successor resolutions. Thus:

An “X” in any data field signifies only that the 1540 Committee considers that a State has taken the steps required, and/or has provided specific references to the applicable legal basis or executive behaviour as evidence of such steps. An “X” against any data field does not necessarily signify that a State has met in full its 1540 obligations for that data field.

A “?” in any data field signifies that the references to legislative or other measures may not be directly relevant or are incomplete.

A “NA” (Not Applicable) in any data field signifies that the data field is not applicable to that State where through legally binding instruments States specified that they do not possess related materials or facilities.

A blank in any data field signifies that there is insufficient information available to enter an “X” or “?” against a particular data field.

State: **Grand Duchy of Luxembourg**

Date of Report: **29 October 2004**

Dates of Additional Reports: **29 December 2005**

25 June 2013

9 August 2019

Date of Approval: **9 December 2020**

I. OP 1 and related matters from OP 5, OP 8 (a), (b), (c) and OP10

Adherence to legally binding instruments, membership of organisations, participation in arrangements and statements made.	Relevant information (i.e., signing, deposit of instrument of accession, ratification, etc)	Remarks (information refers to the page of the English version of the national report or an official web site)	
1	Nuclear Non-Proliferation Treaty (NPT)	Deposit 2 May 1975 (London and Washington), 4 May 1975 (Moscow)	
2	Nuclear Weapons Free Zone/ Protocol(s)		
3	International Convention for the Suppression of Acts of Nuclear Terrorism	Deposit 2 October 2008	
4	Convention on Physical Protection of Nuclear Material (CPPNM)	Deposit 6 September 1991	
5	2005 Amendment to the CPPNM	Deposit 24 February 2012	
6	Comprehensive Nuclear-Test-Ban Treaty (CTBT) (not in force)	Deposit 26 May 1999	
7	Chemical Weapons Convention (CWC)	Deposit 15 April 1997	
8	Biological Weapons Convention (BWC)	Deposit 23 March 1976	
9	Geneva Protocol of 1925	Deposit 1 September 1936	
10	1997 International Convention for the Suppression of Terrorist Bombings	Deposit 6 February 2004	
11	1999 International Convention for the Suppression of the Financing of Terrorism	Deposit 5 November 2003	

12	2005 Protocol to the Convention for the suppression of unlawful acts against the safety of maritime navigation		
13	2005 Protocol to the Protocol for the suppression of unlawful acts against the safety of fixed platforms located on the continental shelf		
14	2010 Convention on the Suppression of Unlawful Acts Relating to International Civil Aviation		
15	Other relevant regional legally binding instruments		
16	International Atomic Energy Agency (IAEA)	Member since 29 January 1958	
17	Directly relevant Arrangements	<p>Nuclear Suppliers Group (NSG) Zangger Committee (ZC) Missile Technology Control Regime (MTCR) Australia Group (AG) Wassenaar Arrangement (WA) Participates in the Proliferation Security Initiative (PSI) Partner country of the Global Initiative to Combat Nuclear Terrorism (GICNT) Hague Code of Conduct (HCoC)</p>	
18	Statement on non-provision of WMD and related materials to non-State actors	State reports that it does not provide any support to non-State actors that attempt to develop, acquire, manufacture, possess, transport, transfer or use nuclear, chemical or biological weapons and their means of delivery.	
19	Membership in relevant international, regional or sub-regional organisations	<p>European Union (EU) Organization for Security and Co-operation in Europe (OSCE) INTERPOL International Maritime Organization (IMO) World Customs Organization (WCO) World Health Organization (WHO) World Organisation for Animal Health (OIE)</p>	

		Financial Action Task Force (FATF) Inter-Parliamentary Union International Monetary Fund World Bank	
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II. OP 2 - Nuclear Weapons (NW), Chemical Weapons (CW) and Biological Weapons (BW)

National legislation which prohibits persons or entities to engage in one of the following activities and its enforcement		National legal framework				Enforcement and civil/criminal penalties			Remarks	
		X / ?			Source document of national implementation law	X / ?				
		N W	C W	B W		N W	C W	B W		
1	manufacture	X	X	X	<p>NW/CW/BW: Act of 15 March 1983 on arms and ammunition, as amended, Articles 1 and 4 (the prohibition to import, manufacture, process, repair, acquire, buy, hold, deposit, transport, carry, sell, export or trade “prohibited” weapons and ammunition defined as Category I: prohibited weapons and ammunition are defined as containing lachrymatory, toxic, asphyxiating, irritant or similar substances)</p> <p>NW: Act of 20 December 1974 ratifying the Nuclear Non-Proliferation Treaty</p> <p>Act of 29 July 2008 approving the International Convention for the Suppression of Acts of Nuclear Terrorism, Article 2 (manufacture of a nuclear explosive device with the intent to cause death or serious bodily injury)</p> <p>Act of 11 April 1985 approving the Convention on the Physical Protection of Nuclear Material, as amended, Article 2.1 (“Shall be punished ... those who committed intentionally the following facts: a) the receipt, possession, use, transfer, alteration, disposal or dispersal of nuclear material, without the required authorization, and causing or likely to cause death or serious injury to any person or substantial damage to property or the environment”)</p>	X	X	?	<p>NW/CW/BW: Act of 15 March 1983 on arms and ammunition, as amended, Article 28</p> <p>NW: Act of 29 July 2008 approving the International Convention for the Suppression of Acts of Nuclear Terrorism, Article 2 (criminal penalty)</p> <p>Act of 11 April 1985 approving the Convention on the Physical Protection of Nuclear Material, as amended, Article 2.1</p> <p>CW:</p>	

				<p>CW: Act of 10 April 1997 ratifying the Convention on the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons and their Destruction, as amended, Article 3 (prohibition on manufacture of chemical weapons)</p> <p>BW: Act of 28 November 1975 ratifying the Convention on the Prohibition of the Development, Production and Stockpiling of Bacteriological (Biological) and Toxin Weapons and on their Destruction</p>			Act of 10 April 1997 ratifying the CWC, as amended, Article 5 (criminal penalty)			
2	acquire	X	X	X	<p>NW/CW/BW: Act of 15 March 1983 on arms and ammunition, as amended, Articles 1 and 4</p> <p>NW: Act of 20 December 1974 ratifying the NPT</p> <p>Act of 11 April 1985 approving the Convention on the Physical Protection of Nuclear Material, as amended, Article 2.1 (“Shall be punished ... those who committed intentionally the following acts: a) the receipt, possession, use, transfer, alteration, disposal or dispersal of nuclear material, without the required authorization, and causing or likely to cause death or serious injury to any person or substantial damage to property or the environment”)</p> <p>CW: Act of 10 April 1997 ratifying the CWC, as amended, Article 3 (prohibition on acquiring chemical weapons)</p> <p>BW: Act of 28 November 1975 ratifying the BWC</p>	X	X	?	<p>NW/CW/BW: Act of 15 March 1983 on arms and ammunition, Article 28</p> <p>NW: Act of 11 April 1985 approving the Convention on the Physical Protection of Nuclear Material, as amended, Article 2.1</p> <p>CW: Act of 10 April 1997 ratifying the CWC, as amended, Article 5</p>	

3	possess	X	X	X	<p>NW/CW/BW: Act of 15 March 1983 on arms and ammunition, as amended, Articles 1 and 4</p> <p>NW: Act of 11 April 1985 approving the CPPNM, as amended, Article 2.1 (possession)</p> <p>Act of 29 July 2008 approving the International Convention for the Suppression of Acts of Nuclear Terrorism, Article 2 (possession of a nuclear explosive device or radioactive or nuclear material with the intent to cause death or serious bodily injury)</p> <p>CW: Act of 10 April 1997 ratifying the CWC, as amended, Article 3 (prohibition on possessing a chemical weapon)</p> <p>BW: Act of 28 November 1975 ratifying the BWC</p>	X	X	?	<p>NW/CW/BW: Act of 15 March 1983 on arms and ammunition, as amended, Article 28</p> <p>NW: Act of 11 April 1985 approving the CPPNM, as amended, Article 2.1</p> <p>Act of 29 July 2008 approving the International Convention for the Suppression of Acts of Nuclear Terrorism, Article 2 (criminal penalty)</p> <p>CW: Act of 10 April 1997 ratifying the CWC, as amended, Article 5</p>
4	develop		X	X	<p>CW: Act of 10 April 1997 ratifying the CWC, as amended, Article 3 (prohibition on developing a chemical weapon)</p> <p>BW: Act of 28 November 1975 ratifying the BWC</p>			X	<p>CW: Act of 10 April 1997 ratifying the CWC, as amended, Article 5</p>
5	transport	X	X	?	<p>NW/CW/BW: Act of 15 March 1983 on arms and ammunition, as amended, Articles 1 and 4</p>	X	X	?	<p>NW/CW/BW: Act of 15 March 1983 on arms and ammunition, as amended, Article 28</p>
6	transfer	X	X	X	<p>NW/CW/BW: Law of 27 June 2018 on export control</p> <p>Act of 15 March 1983 on arms and ammunition, as amended, Articles 1 and 4</p> <p>NW:</p>	X	X	X	<p>NW/CW/BW: Law of 27 June 2018 on export control, Chapter 13 (sanctions)</p> <p>Act of 15 March 1983 on arms and ammunition, as amended, Article 28</p> <p>NW: Act of 11 April 1985 approving the CPPNM, as</p>

				<p>Act of 11 April 1985 approving the CPPNM, as amended, Article 2.1 (transfer)</p> <p>CW: Act of 10 April 1997 ratifying the CWC, as amended, Article 3 (prohibition on transferring a chemical weapon)</p> <p>BW: Act of 28 November 1975 ratifying the BWC</p>			<p>amended, Article 2.1</p> <p>CW: Act of 10 April 1997 ratifying the CWC, as amended, Article 5</p>		
7	use	X	X	X	X	X	X	<p>NW/CW/BW: Penal Code (Law of 18 June 1879, as amended), Articles 135-9, 135-10 (terrorist bombing with explosive device which is defined to include those that are designed to disseminate toxic chemicals, biological agents or radioactive material)</p> <p>NW: Act of 29 July 2008 approving the International Convention for the Suppression of Acts of Nuclear Terrorism, Article 2 (use of a nuclear explosive device or radioactive or nuclear material to cause death or serious bodily injury)</p> <p>Act of 11 April 1985 approving the CPPNM, as amended, Article 2.1 (use)</p> <p>CW: Act of 10 April 1997 ratifying the CWC, as amended, Article 3 (prohibition on use of a chemical weapon)</p> <p>Penal Code (Law of 18 June 1879, as amended), Article 136 quater (use in war of gas or poison)</p> <p>BW: Act of 15 July 1936 ratifying the Geneva Protocol of 1925</p>	<p>NW/CW/BW: Penal Code (Law of 18 June 1879, as amended), Article 135-9 (criminal penalty)</p> <p>NW: Act of 29 July 2008 approving the International Convention for the Suppression of Acts of Nuclear Terrorism, Article 2 (criminal penalty)</p> <p>Act of 11 April 1985 approving the CPPNM, as amended, Article 2.1</p> <p>CW: Act of 10 April 1997 ratifying the CWC as amended, Article 5</p> <p>Penal Code (Law of 18 June 1879, as amended), Article 136 quater (criminal penalty)</p>

8	attempt to engage in abovementioned activities	X	X	X	<p>NW/CW/BW: Penal Code (Law of 18 June 1879, as amended), Articles 51-53 (attempted crimes or offences), 135-7</p>	X	X	X	<p>NW/CW/BW: Penal Code (Law of 18 June 1879, as amended), Article 52 (penalties)</p>
9	participate as an accomplice in abovementioned activities	X	X	X	<p>NW/CW/BW: Penal Code (Law of 18 June 1879, as amended), Articles 66-69 (participation of several people in the same crime or offence), 135-3 (membership in a terrorist group that commits an act prohibited by Article 135-9)</p> <p>CW: Penal Code (Law of 18 June 1879, as amended), Article 70</p>	X	X	X	<p>NW/CW/BW: Penal Code, as amended, Articles 69 and 135-4 (criminal penalties)</p>
10	assist in abovementioned activities	X	X	X	<p>NW/CW/BW: Penal Code (Law of 18 June 1879, as amended), Article 135-3 (membership in a terrorist group that commits an act prohibited by Article 135-9)</p> <p>CW: Act of 10 April 1997 ratifying the CWC, as amended, Article 3 (prohibition on assisting with prohibited acts)</p> <p>BW: Act of 28 November 1975 ratifying the BWC</p>	X	X	X	<p>NW/CW/BW: Penal Code (Law of 18 June 1879, as amended), Article 135-4</p> <p>CW: Act of 10 April 1997 ratifying the CWC, as amended, Article 5</p>
11	finance abovementioned activities	X	X	X	<p>NW/CW/BW: Directive (EU) 2015/849 of the European Parliament and of the Council of 20 May 2015 on the prevention of the use of the financial system for the purposes of money laundering or terrorist financing, amending Regulation (EU) No 648/2012 of the European Parliament and of the Council, and repealing Directive 2005/60/EC of the European Parliament and of the Council and Commission Directive 2006/70/EC</p>	X	X	X	<p>NW/CW/BW: Financial Intelligence Unit: Cellule de Renseignement Financier (CRF) du Parquet Général de Luxembourg</p> <p>Penal Code (Law of 18 June 1879, as amended), Article 135-6 (criminal penalties related to terrorist financing)</p> <p>Act of 12 November 2004 on combating, money-laundering and the financing of terrorism, as amended, Article 9 (criminal penalties)</p>

				<p>Penal Code (Law of 18 June 1879, as amended), Article 135-5 (prohibits the financing of acts under, inter alia, Article 135-9)</p> <p>Act of 12 August 2003 on the suppression of terrorism and of its financing and the approval of the International Convention for the Suppression of the Financing of Terrorism, as amended (this Act amends, inter alia, the Penal Code by adding Article 135-5)</p> <p>Act of 12 November 2004 on combating, money-laundering and the financing of terrorism, as amended (includes amendments to a series of different Luxembourg laws, including the Penal Code)</p> <p>Act of 27 October 2010 on strengthening the legal framework for combating money laundering and the financing of terrorism; organizing the controls of the physical transport of cash entering, passing through or exiting the Grand Duchy of Luxembourg; on the implementation of resolutions of the United Nations Security Council and acts adopted by the European Union containing prohibitions and restrictions on financial matters against certain persons, entities and groups in the framework of the fight against the financing of terrorism, as amended (amends Article 135-5 of the Penal Code to include activities prohibited under Article 135-9)</p> <p>Grand-Ducal Regulation of 29 October 2010 implementing the law of 27 October 2010, as amended</p>					
12	abovementioned activities related to means of delivery ¹	?	X	X	<p>NW/CW: Act of 15 March 1983 on arms and ammunition, as amended, Articles 1 and 4</p> <p>CW: Act of 10 April 1997 ratifying the CWC, as amended, Article 3</p>	?	X	<p>NW/CW: Act of 15 March 1983 on arms and ammunition, as amended, Article 28</p> <p>CW: Act of 10 April 1997 ratifying the CWC, as amended, Article 5</p>	

2	Measures to account for use	X			<p>NW: Commission Regulation (Euratom) No. 302/2005 on the application of Euratom safeguards Law of 28 May 2019 on radiation protection, Title IV, Chapter II (Regulatory control for the possession and use of radiation sources)</p> <p>Republication of the Grand-Ducal Regulation of 14 December 2000, as amended, Chapter 2</p> <p>Act of 1 August 2001 ratifying the Additional Protocol</p>	X			<p>NW: Law of 28 May 2019 on radiation protection, Article 44 (Class I and II facilities authorised by Minister responsible for health; Class III and IV facilities authorised by the Directorate of Health)</p> <p>Republication of the Grand-Ducal Regulation of 14 December 2000, as amended, Chapter 2, Article 2.17 (Inventory maintained by the Radiation Protection Division)</p>	
3	Measures to account for storage	X			<p>NW: Commission Regulation (Euratom) No. 302/2005 on the application of Euratom safeguards</p> <p>Law of 28 May 2019 on radiation protection, Title IV, Chapter II (Regulatory control for the possession and use of radiation sources)</p> <p>Republication of the Grand-Ducal Regulation of 14 December 2000, as amended, Chapter II</p> <p>Act of 1 August 2001 ratifying the Additional Protocol</p>	X			<p>NW: Law of 28 May 2019 on radiation protection, Article 44 (Class I and II facilities authorised by Minister responsible for health; Class III and IV facilities authorised by the Directorate of Health)</p> <p>Republication of the Grand-Ducal Regulation of 14 December 2000, as amended, Chapter 2, Article 2.17 (Inventory maintained by the Radiation Protection Division)</p>	
4	Measures to account for transport	X	X	X	<p>NW/CW/BW: EU Directive 2008/68/EC of 24 September 2008 on the inland transport of dangerous goods (implementing ADR, RID and ADN), as amended</p> <p>European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), Regulations concerning the International Carriage of Dangerous Goods by Rail (RID), European Agreement</p>	X	X	X	<p>NW/CW/BW: European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), Regulations concerning the International Carriage of Dangerous Goods by Rail (RID), European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)</p>	

				<p>concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)</p> <p>Grand Ducal Regulation of 31 January 2003 on the transport of dangerous goods by road, as amended</p> <p>Grand Ducal Regulation of 3 June 2003 on the transport of dangerous goods by rail, as amended</p> <p>NW: Commission Regulation (Euratom) No. 302/2005 on the application of Euratom safeguards</p> <p>Law of 28 May 2019 on radiation protection, Title IV, Chapter III (regulatory control for the transport, import and export of radioactive substances)</p> <p>Republication of the Grand-Ducal Regulation of 14 December 2000, as amended, Chapter 3 (transport and transit of radioactive substances)</p> <p>Act of 1 August 2001 ratifying the Additional Protocol</p>			<p>Grand Ducal Regulation of 31 January 2003 on the transport of dangerous goods by road, as amended, Article 62 (criminal penalties)</p> <p>Grand Ducal Regulation of 3 June 2003 on the transport of dangerous goods by rail, as amended, Article 29 (criminal penalties)</p> <p>NW: Law of 28 May 2019 on radiation protection, Article 57 (authorisation granted by the Minister responsible for health)</p> <p>Republication of the Grand-Ducal Regulation of 14 December 2000, as amended, Chapter 3 (Class I and II facilities-related transport authorised by Minister responsible for health; Class III and IV facilities-related transport authorised by the Directorate of Health)</p>	
5	Measures to secure production							
6	Measures to secure use							
7	Measures to secure storage		X	<p>BW: Council Directive 2000/54/EC of 18 September 2000 on the protection of workers from risks related to exposure to biological agents at work, as amended, Annex V (secure storage of containment level 4 agents)</p>		X	<p>BW: Grand Ducal Regulation of 4 November 1994, as amended, Article 18 (criminal sanctions)</p>	

				Grand Ducal Regulation of 4 November 1994, as amended, Annex V (secure storage of containment level 4 agents)					
8	Measures to secure transport	X	X	X	<p>NW/CW/BW: EU Directive 2008/68/EC of 24 September 2008 on the inland transport of dangerous goods (implementing ADR, RID and ADN), as amended</p> <p>European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), Regulations concerning the International Carriage of Dangerous Goods by Rail (RID), European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)</p> <p>Grand Ducal Regulation of 31 January 2003 on the transport of dangerous goods by road, as amended</p> <p>Grand Ducal Regulation of 3 June 2003 on the transport of dangerous goods by rail, as amended</p> <p>NW: Law of 28 May 2019 on radiation protection, Title IV, Chapter III (regulatory control for the transport, import and export of radioactive substances)</p> <p>Republication of the Grand-Ducal Regulation of 14 December 2000, as amended, Chapter 3 (transport and transit of radioactive substances, including a requirement to follow international guidelines for packaging for radioactive substances)</p>	X	X	X	<p>NW/CW/BW: European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), Regulations concerning the International Carriage of Dangerous Goods by Rail (RID), European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN) Grand Ducal Regulation of 31 January 2003, as amended, Article 62 (criminal penalties)</p> <p>Grand Ducal Regulation of 3 June 2003, as amended, Article 29 (criminal penalties)</p> <p>NW: Law of 28 May 2019 on radiation protection, Article 57 (authorisation granted by the Minister responsible for health)</p> <p>Republication of the Grand-Ducal Regulation of 14 December 2000, as amended, Chapter 3 (Class I and II facilities-related transport authorised by Minister responsible for health; Class III and IV facilities-related transport authorised by the Directorate of Health)</p>
9	Physical protection measures	X		X	<p>NW: Law of 28 May 2019 on radiation protection, Article 130 (physical protection for “sources of radiation”)</p>	X			<p>NW: Act of 11 April 1985 approving the CPPNM, as amended, Article 2 (criminal penalties)</p>

				<p>Act of 11 April 1985 approving the Convention on the Physical Protection of Nuclear Material (CPPNM), as amended (in particular through the Act of 28 July 2011 approving the Amendment to the CPPNM)</p> <p>BW: Council Directive 2000/54/EC of 18 September 2000 on the protection of workers from risks related to exposure to biological agents at work, as amended, Annex V (secure storage of containment level 4 agents)</p> <p>Grand Ducal Regulation of 4 November 1994, as amended, Annex V (secure storage of containment level 4 agents)</p>				
10	Personnel Reliability							

2. Related materials: materials, equipment and technology covered by relevant multilateral treaties and arrangements, or included on national control lists, which could be used for the design, development, production or use of nuclear, chemical and biological weapons and their means of delivery.

* Information required in this section may also be available in the State's Confidence Building Measures report, if submitted to the BWC Implementation Support Unit (online at: [http://www.unog.ch/80256EE600585943/\(httpPages\)/4FA4DA37A55C7966C12575780055D9E8?OpenDocument](http://www.unog.ch/80256EE600585943/(httpPages)/4FA4DA37A55C7966C12575780055D9E8?OpenDocument))

IV. OP 3 (a) and (b) - Account for/Secure/Physically protect NW including Related Materials (NW specific)

Measures to establish domestic controls to prevent the proliferation of NW, and their means of delivery; controls over related materials		Source document	Remarks
1	National regulatory authority	Law of 28 May 2019 on radiation protection and Grand-Ducal Regulation of 14 December 2000, as amended (Minister responsible for Health, Directorate of Health - Division of Radiation Protection (DRP)/ Division de la Radioprotection) Act of 21 November 1980 on the Organisation of the Directorate of Health	
2	Licensing of nuclear installations/entities/ use of materials	Law of 28 May 2019 on the protection of the health of persons against the dangers arising from exposure to ionizing radiation and the safety of sources of ionizing radiation against acts of malice; on the management of radioactive waste, the transport of radioactive material and their import; amending the amended law of 21 November 1980 on the organization of the Directorate of Health, Chapter II (regulatory control for the possession and use of radiation sources) Grand-Ducal Regulation of 14 December 2000, as amended, Chapter 2 (authorisation requirements for different categories of installations, depending on the risk they present)	
3	IAEA Safeguards Agreements	Safeguards Agreement 78/164/Euratom, INFCIRC/193 of 14 September 1973 Additional Protocol 1999/188/Euratom, INFCIRC/193/Add.8 of 12 January 2005	
4	IAEA Code of Conduct on Safety and Security of Radioactive Sources	Notification pursuant to GC(47)/RES./7.B	
5	Supplementary Guidance on the Import and Export of Radioactive Sources of the Code of Conduct on the Safety and Security of Radioactive Sources	Notification pursuant to GC(48)/RES/10.D; contact point designated; response to questionnaire	
6	IAEA Incident and Trafficking Database	Participates in ITDB	

7	Integrated Nuclear Security Support Plan (INSSP) / International Physical Protection Advisory Service (IPAS)		
8	Applying the physical protection recommendations in INFCIRC/225/Rev.5		
9	Other Agreements related to IAEA	<p>Agreement on the Privileges and Immunities of the IAEA (deposit 24 March 1972)</p> <p>Convention on Early Notification of a Nuclear Accident (deposit 26 September 2000)</p> <p>Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency (26 September 2000)</p> <p>Convention on Nuclear Safety (deposit 7 April 1997)</p> <p>Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (deposit 21 August 2001)</p>	
10	National legislation and regulations related to nuclear material including CPPNM	<p>Law of 11 April 1985 approving the Convention on the Physical Protection of Nuclear Material, as amended (including through the Law of 28 July 2011 approving the Amendment to the CPPNM)</p>	

V. OP 3 (a) and (b) - Account for/Secure/Physically protect CW including Related Materials (CW specific)

Measures to establish domestic controls to prevent the proliferation of CW, and their means of delivery; controls over related materials		Source document	Remarks
1	National CWC authority	<p>National Authority – Chemical Weapons Convention Under the direction of the Ministry of Foreign and European Affairs, a national authority is responsible for the obligations under the Chemical Weapons Convention and for liaising with the Organisation for the Prohibition of Chemical Weapons.</p> <p>Act of 10 April 1997 ratifying the Convention on the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons and on their Destruction, as amended, Article 2</p> <p>Grand Ducal Regulation of 3 June 1997 concerning the enforcement of the Act of 10 April 1997 ratifying the CWC</p>	
2	Licensing/registration of installations/facilities/ persons/entities/use/ handling of related materials		
3	Old or abandoned chemical weapons		

VI. OP 3 (a) and (b) - Account for/Secure/Physically protect BW including Related Materials (BW specific)

Measures to establish domestic controls to prevent the proliferation of BW, their means of delivery; controls over related materials	Source document	Remarks
<p>1</p> <p>Licensing/registration of installations/facilities/ persons/entities/use/ handling of materials</p>	<p>Council Directive 2000/54/EC of 18 September 2000, as amended, Article 13 (prior notification of first time use of groups 2, 3 or 4 agents)</p> <p>Grand Ducal Regulation of 4 November 1994, as amended, Article 13 (prior notification of first time use of groups 2, 3 or 4 agents)</p>	

VII. OP 3 (c) and (d) and related matters from OP 6 - Controls of NW, CW and BW, including Related Materials

Border controls and export and trans-shipment controls to prevent the proliferation of nuclear, chemical and biological weapons and their means of delivery including related materials		National legal framework					Enforcement and civil/criminal penalties					Remarks
		X /?			Source document	X /?			Source document			
		N W	C W	B W		N W	C W	B W				
1	Border control to detect, deter, prevent and combat illicit trafficking	X	X	X	<p>NW/CW/BW: Council Regulation (EU) No. 952/2013 (Union Customs Code), as amended, Articles 134 and 267</p> <p>General Act on Customs and Excise of 18 July 1977, as amended, Article 231 and Ministerial Regulation of 4 October 1977 on the coordination of terms relating to customs and excise, as amended</p> <p>Law of 27 June 2018 on export control, Chapter 12 (surveillance, detection and investigation of offences)</p>	X	X	X	<p>NW/CW/BW: General Act on Customs and Excise of 18 July 1977, as amended, Articles 220-25, 227, 229, 230, 231, 248, 277</p> <p>Customs and Excise Administration, under the Ministry of Finance</p> <p>Law of 27 June 2018 on export control (Office for Export, Import and Transit Control, under the Ministry of Economy)</p>			
2	Law enforcement to detect, deter, prevent and combat illicit trafficking	X	X	X	<p>NW/CW/BW: Council Regulation (EU) No. 952/2013 (Union Customs Code), as amended Article 198</p> <p>Law of 27 July 1993 conferring new powers and amending the existing powers of the the customs and excise administration concerning indirect taxation and police powers, as amended, Article 6 (co-operation between customs agents and the police and gendarme)</p> <p>Law of 9 June 1994 empowering officials of the customs administration to exercise certain powers of the general police</p>	X	X	X	<p>NW/CW/BW: Customs and Excise Administration, under the Ministry of Finance including its Risk Analysis and Targeting Unit</p> <p>Office for Export, Import and Transit Control</p> <p>Radiation Protection Division, Ministry of Foreign Affairs, Intelligence Service of the Ministry of State, Customs and Excise Administration are responsible for preventing, investigating and reporting violations with respect to the implementation of legislation relating to weapons of mass destruction.</p>			

				Law of 27 June 2018 on export control, Articles 52-53 (police powers for officials of the Customs and Excise Administration and Office for Export, Import and Transit Control)				
3	Border control detection measures	X	X	X NW/CW/BW: Union Customs Code, as amended Article 46 (risk management and customs controls) Decision No 70/2008/EC of the European Parliament and the Council of 15 January 2008 on a paperless environment for customs and trade	X	X	X	NW/CW/BW: Union Customs Code, as amended, Article 46 Customs and Excise Administration uses X-ray machines and has established a special unit solely dedicated for air freight issues in the air freight section of Luxembourg airport (the "Risk-Analysis and Targeting Unit" / "Unité d'analyse de risque et de ciblage")
4	Control of brokering	X	X	X NW/CW/BW: Council Regulation (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items, as amended, Article 5 Law of 27 June 2018 on export control, Article 42 (brokering) Grand ducal regulation of 14 December 2018 implementing the law of 27 June 2018 on export control, Articles 6, 11 and 15, Annexes 16 and 19	X	X	X	NW/CW/BW: Law of 27 June 2018 on export control, Article 60 (criminal penalty related to brokering)
5	Export control legislation in place	X	X	X NW/CW/BW: Council Regulation (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items, as amended Law of 27 June 2018 on export control Grand ducal regulation of 14 December 2018 implementing the law of 27 June 2018 on export control Council Common Position 2008/944/CFSP of 8 December 2008 defining common rules	X	X	X	NW/CW/BW: Law of 27 June 2018 on export control, Chapter 13 (sanctions)

				governing control of exports of military technology and equipment NW: Grand-Ducal Regulation of 14 December 2000 on the protection of the population against the dangers arising from ionising radiation, as amended, Article 3.1 (authorisation for transport and transit)					
6	Licensing provisions and Authority	X	X	X	NW/CW/BW: Council Regulation (EC) No 428/2009 of 5 May 2009, as amended, Articles 3, 4, 5, 9, Chapter III (intra-Community transfers do not require an authorisation, except for items listed in Annex IV (Article 22)) , Annexes II (EU General Export Authorisation) and IIIa and b (models) Law of 27 June 2018 on export control, Chapter 9 (authorisation for exports, brokering, transit, catch-all) Grand ducal regulation of 14 December 2018 implementing the law of 27 June 2018 on export control, Articles 6, 10, 11 and 15, Annexes 14, 15, 16, 17, 19, 20, 21 NW: Grand-Ducal regulation of 14 December 2000, as amended, Article 3.1 (authorisation for transport and transit)	X	X	X	NW/CW/BW: Law of 27 June 2018 on export control, Chapter 11 (Office for Export, Import and Transit Control), Article 60 (criminal penalties) Grand ducal regulation of 14 December 2018 implementing the law of 27 June 2018 on export control, Chapter 1 (Office for Export, Import and Transit Control) NW: Grand-Ducal regulation of 14 December 2000, as amended, Article 3.1 (Class I and II facilities-related transport and transit authorised by Minister responsible for health; Class III and IV facilities-related transport and transit authorised by the Directorate of Health)
7	Control lists of materials, equipment and technology	X	X	X	NW/CW/BW: Council Regulation (EC) No 428/2009 of 5 May 2009, as amended, Article 2 (“dual-use items shall mean items, including software and technology, which can be used for both civil and military purposes ...”), Annex I Law of 27 June 2018 on export control, Chapter 9 (referring in each article therein to the	X	X	X	NW/CW/BW: Council regulation (EC) No 428/2009 of 5 May 2009, as amended, Annex I Law of 27 June 2018 on export control, Chapter 9 (referring in each article therein to the control lists in Council Regulation (EC) No 428/2009)

				control lists in Council Regulation (EC) No 428/2009) Grand ducal regulation of 14 December 2018 implementing the law of 27 June 2018 on export control, Article 10 (referring therein to the control lists in Council Regulation (EC) No 428/2009)				
8	Intangible technology transfers	X	X	X NW/CW/BW: Council Regulation (EC) No 428/2009 of 5 May 2009, as amended, Article 2 Law of 27 June 2018 on export control, Article 46 (intangible transfers of technology) Grand ducal regulation of 14 December 2018 implementing the law of 27 June 2018 on export control, Articles 6, 11 and 15, Annexes 16 and 20	X	X	X	NW/CW/BW: Law of 27 June 2018 on export control, Article 59 (criminal penalty in relation to ITT)
9	Inclusion of means of delivery	X	X	X NW/CW/BW: Council Regulation (EC) No 428/2009 of 5 May 2009, as amended, Annex I Law of 27 June 2018 on export control, Chapter 9 Grand ducal regulation of 14 December 2018 implementing the law of 27 June 2018 on export control, Article 10	X	X	X	NW/CW/BW: Annex I of Council Regulation (EC) No 428/2009 of 5 May 2009, as amended, contains the items controlled by the MTCR
10	End-user controls	X	X	X NW/CW/BW: Council Regulation (EC) No 428/2009 of 5 May 2009, as amended Law of 27 June 2018 on export control, Articles 39-41 (end-use and end-user identification) Grand ducal regulation of 14 December 2018 implementing the law of 27 June 2018 on export control, Article 6	X	X	X	NW/CW/BW: Law of 27 June 2018 on export control, Article 60 (criminal penalties)

11	Catch all clause	X	X	X	<p>NW/CW/BW: Council Regulation (EC) No 428/2009 of 5 May 2009, as amended, Article 4</p> <p>Law of 27 June 2018 on export control, Article 45</p>	X	X	X	<p>NW/CW/BW: Law of 27 June 2018 on export control, Article 60 (criminal penalties)</p>
12	Transit control	X	X	X	<p>NW/CW/BW: Council Regulation (EC) No 428/2009 of 5 May 2009, as amended, Article 6</p> <p>Council Regulation (EU) No 952/2013 (Union Customs Code), as amended, Title VII, Chapter 2 (transit)</p> <p>Law of 27 June 2018 on export control, Article 43</p> <p>Grand ducal regulation of 14 December 2018 implementing the law of 27 June 2018 on export control, Articles 6, 10 and 15, Annexes 14 and 16</p> <p>NW: Grand-Ducal Regulation of 14 December 2000, Chapter 3 (transport and transit of radioactive substances)</p>	X	X	X	<p>NW/CW/BW: Law of 27 June 2018 on export control, Article 60 (criminal penalties)</p>
13	Trans-shipment control	X	X	X	<p>NW/CW/BW: Council Regulation (EC) No 428/2009 of 5 May 2009, as amended (would be handled either as an “export” or a “transit” as defined by the Regulation)</p> <p>Council Regulation (EU) No 952/2013 (Union Customs Code), as amended, Article 140</p> <p>Law of 27 June 2018 on export control, Article 43</p> <p>Grand ducal regulation of 14 December 2018 implementing the law of 27 June 2018 on export control, Articles 6, 10 and 15, Annexes 14 and 16</p>	X	X	X	<p>NW/CW/BW: Law of 27 June 2018 on export control, Article 60</p>

14	Re-export control	X	X	X	<p>NW/CW/BW: Council Regulation (EC) No 428/2009 of 5 May 2009, as amended, Article 2 (defines “re-export” as an “export” for the purposes of the Regulation)</p> <p>Law of 27 June 2018 on export control</p> <p>Grand ducal regulation of 14 December 2018 implementing the law of 27 June 2018 on export control</p>	X	X	X	<p>NW/CW/BW: Law of 27 June 2018 on export control, Chapter 13 (sanctions)</p>
15	Control over financing of exports/transshipments that would contribute to proliferation	X	X	X	<p>NW/CW/BW: Directive (EU) 2015/849 of the European Parliament and of the Council of 20 May 2015 on the prevention of the use of the financial system for the purposes of money laundering or terrorist financing, Luxembourg Transition Act of 13 February 2018</p> <p>Penal Code (Law of 18 June 1879, as amended), Article 135-5 (prohibits the financing of acts under, inter alia, Article 135-9 and acts prohibited by CPPNM (e.g. unauthorised transfers of nuclear material))</p> <p>Act of 12 August 2003 on the suppression of terrorism and of its financing and the approval of the International Convention for the Suppression of the Financing of Terrorism, as amended (this Act amends, inter alia, the Penal Code by adding Article 135-5)</p> <p>Act of 12 November 2004 on combating money-laundering and the financing of terrorism, as amended (includes amendments to a series of different Luxembourg laws, including the Penal Code and stipulates due diligence requirements)</p>	X	X	X	<p>NW/CW/BW: Financial Intelligence Unit: Cellule de Renseignement Financier (CRF) du Parquet Général de Luxembourg</p> <p>Penal Code, as amended, Articles 135-6 (criminal penalties related to terrorist financing)</p> <p>Act of 12 November 2004 on combating money-laundering and the financing of terrorism, as amended, Article 9 (criminal penalties)</p>

				<p>Act of 27 October 2010 on strengthening the legal framework for combating money laundering and the financing of terrorism; organizing the controls of the physical transport of cash entering, passing through or exiting the Grand Duchy of Luxembourg; on the implementation of resolutions of the United Nations Security Council and acts adopted by the European Union containing prohibitions and restrictions on financial matters against certain persons, entities and groups in the framework of the fight against the financing of terrorism, as amended (amends Article 135-5 of the Penal Code to include activities prohibited under Article 135-9)</p> <p>Grand-Ducal Regulation of 29 October 2010 implementing the law of 27 October 2010, as amended</p>					
16	Control over services related to exports/transshipments that would contribute to proliferation including transportation	X	X	X	<p>NW/CW/BW: Law of 27 June 2018 on export control, Article 42 (brokering services (“services de courtage”))</p> <p>Grand ducal regulation of 14 December 2018 implementing the law of 27 June 2018 on export control, Articles 6, 11 and 15, Annexes 16 and 21 (technical assistance services)</p> <p>NW: Grand-Ducal Regulation of 14 December 2000, Chapter 3 (transport and transit of radioactive substances), Article 3.1 (authorised transport companies)</p>	X	X	X	<p>NW/CW/BW: Law of 27 June 2018 on export control, Article 60 (criminal penalty related to brokering)</p>

VIII. OP 7 and 8 (d) - Assistance, Work with and inform Industry and Public, and other Information

1	Assistance offered	Luxembourg recognises that certain States may require outside assistance in order to implement effectively the provisions of the resolution. Through the European Union, Luxembourg assists certain States in setting up export control mechanisms.
2	Assistance Point of Contact (for assistance providers only)	Mr Frank Braun (Ministry of Foreign and European Affairs) Email: Frank.Braun@mae.etat.lu Mr Steve Hoscheit (Ministry of Foreign and European Affairs) Email: Steve.Hoscheit@mae.etat.lu
3	Assistance requested	
4	Action taken to work with and inform industry	State reports that it collaborates closely with industry. One of the official missions of the Office of Export, Import and Transit Control is to help prevent proliferation through awareness-raising activities for economic actors.
5	Action taken to work with and inform the public	All relevant authorities provide information on their respective websites.
6	Point of Contact	Mr Frank Braun (Ministry of Foreign and European Affairs) Email: Frank.Braun@mae.etat.lu Mr Steve Hoscheit (Ministry of Foreign and European Affairs) Email: Steve.Hoscheit@mae.etat.lu
7	Voluntary National Implementation Action Plan (NAP)	
8	1540 Committee visits to States	