

# 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.

<b>State:</b>	<b>Republic of Zambia</b>
<b>Date of Report:</b>	<b>26 October 2015</b>
<b>Dates of Additional Reports:</b>	<b>21 May 2020</b>
<b>Date of Approval:</b>	<b>9 December 2020</b>

## 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 15 May 1991	
2	Nuclear Weapons Free Zone/ Protocol(s) Pelindaba Treaty: Deposit 18 August 2010	
3	International Convention for the Suppression of Acts of Nuclear Terrorism Deposit 7 April 2017	
4	Convention on Physical Protection of Nuclear Material (CPPNM) Deposit 7 November 2016	
5	2005 Amendment to the CPPNM	
6	Comprehensive Nuclear-Test-Ban Treaty (CTBT) (not in force) Deposit 23 February 2006	
7	Chemical Weapons Convention (CWC) Deposit 9 February 2001	
8	Biological Weapons Convention (BWC) Deposit 15 January 2008	
9	Geneva Protocol of 1925	
10	1997 International Convention for the Suppression of Terrorist Bombings Deposit 7 April 2017	
11	1999 International Convention for the Suppression of the Financing of Terrorism Deposit 7 April 2017	

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	<p>OAU Convention on the Prevention and Combating of Terrorism, signed 3 August 2005</p> <p>Protocol to the OAU Convention on the Prevention and Combating of Terrorism, signed: 31 January 2010</p> <p>Bamako Convention on the ban of the import into Africa and the control of transboundary movement and management of hazardous wastes within Africa, signed 3 August 2005</p>	
16	International Atomic Energy Agency (IAEA)	Since 1969	
17	Directly relevant Arrangements	<p>Global Initiative to Combat Nuclear Terrorism (GICNT)</p> <p>International Health Regulations 2005</p> <p>The Hague Code of Conduct (HCoC): Subscribing State since 22 November 2002</p>	
18	Statement on non-provision of WMD and related materials to non-State actors	State reported that the "Government of the Republic of Zambia does not offer any form of support to non-State actors that attempt to develop, acquire, manufacture, possess, transport or use nuclear, chemical or biological, weapons and their means of delivery."	
19	Membership in relevant international, regional or sub-regional organisations	<p>African Union (AU)</p> <p>Southern African Development Community (SADC)</p> <p>Common Market for Eastern and Southern Africa (COMESA)</p> <p>Eastern and Southern Africa Anti-Money Laundering Group (ESAAMLG)</p> <p>World Health Organization (WHO)</p> <p>World Customs Organization (WCO) and Signed WCO Declaration on implementation of Framework of Standards to secure and facilitate global trade (SAFE Framework of Standards)</p> <p>World Organisation for Animal Health (OIE)</p> <p>International Criminal Police Organization (INTERPOL)</p> <p>International Maritime Organization (IMO)</p> <p>World Bank Group</p> <p>International Monetary Fund (IMF)</p>	

## 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 / ?			Source document	
		N W	C W	B W		N W	C W	B W		
1	manufacture	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, Part III (terrorism and proliferation offences), sections 21 (act of proliferation – manufacture – defined in Part I), 23 (provides or receives instruction or training in the making of chemical, biological or nuclear weapons)</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2 of 2007, Part III, section 8(1) (produce)</p>	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, sections 21, 23 (offence/penalties)</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2 of 2007, Part III, section 8(2) (penalty)</p>	
2	acquire	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, Part III, section 21 (act of proliferation – acquisition)</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part III, section 8(1) (acquire)</p>	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, section 21</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part III, section 8(2)</p>	
3	possess	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, Part III, section 21 (act of proliferation - possession)</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part III, section 8(1)(a) (retain)</p>	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, section 21</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part III, section 8(2)</p>	

4	develop	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, Part III, section 21 (act of proliferation – development)</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part III, section 8(1) (develop)</p>	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, section 21</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part III, section 8(2)</p>
5	transport	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, Part III, section 21 (act of proliferation – transport)</p>	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, section 21</p>
6	transfer	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, Part III, section 21 (act of proliferation – transfer, supply, sale)</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part III, section 8(1)(b) (transfer)</p>	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, section 21</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part III, section 8(2)</p>
7	use	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, Part III, section 21 (act of proliferation – use)</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part III, section 8(1)(c) (use or deal in any manner)</p>	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, section 21</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part III, section 8(2)</p>
8	attempt to engage in abovementioned activities	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, Part III, section 31 (attempts to commit act of proliferation, proliferation financing)</p>	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, section 31(3) (offence/penalty)</p>

9	participate as an accomplice in abovementioned activities	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, Part III, section 31 (conspires to commit an act of proliferation, proliferation financing); 32 (participates in terrorism or proliferation financing)</p>	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, sections 31(3); 32 (penalty)</p>
10	assist in abovementioned activities	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018 Part III, section 28 (aids, abets, counsels, procures, incites or solicits the commission of act of proliferation)</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part III, section 8(1)(e) (assist, encourage or induce)</p>	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, section 28 (penalty)</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part III. 8(2)</p>
11	finance abovementioned activities	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, Part I (definition of proliferation financing and terrorism financing), sections 6(National Anti-Terrorism Centre - prevention of financing of terrorism and proliferation financing), 20 (International Convention for the Suppression of financing of terrorism - Schedule 2.16), (22(1)(b) (prohibition of proliferation financing); 30 (harbours, conceals, provides safe haven to person involved in proliferation financing); 31 (conspires or attempts to commit financing of terrorism, proliferation financing); 32 (participates in proliferation financing), 35 (financial service, any service skill or expertise for proliferation financing); 46 (funds or financial services for financing of terrorism or proliferation)</p> <p>Prohibition and Prevention of Money Laundering Act No.14 of 2001, Parts IV, V Bank of Zambia Anti-Money Laundering and Combating the Financing of Terrorism or Proliferation Directives 2017, Parts III, section 14 (obligations re financing of terrorism or proliferation), IV</p>	X	X	X	<p><b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018 sections 20, 22(2), 24, 30, 31, 32, 35, 46 (penalties) Prohibition and Prevention of Money Laundering Act No.14 of 2001, Parts III (Anti-Money Laundering Investigations Unit), IV (penalties), VI (seizure and forfeiture), VII (investigation, search and arrest) Bank of Zambia Anti-Money Laundering and Combating the Financing of Terrorism or Proliferation Directives 2017, Part IV (sanctions) Financial Intelligence Centre Act, No. 46 of 2010, Part IV (offences and penalties) Forfeiture of Proceeds of Crime Act, No. 19 of 2010, Part V (offences)</p>

				Financial Intelligence Centre Act, No. 46 of 2010, Parts II (FIC powers), III (Prevention of money laundering and terrorist financing) Forfeiture of Proceeds of Crime Act, No. 19 of 2010, Part II					
12	abovementioned activities related to means of delivery <sup>1</sup>	X	X	X	<b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, Part III (terrorism and proliferation offences)  <b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Parts I, section 2 (definition of chemical weapon) and Part III, section 8(1) (prohibitions)	X	X	X	<b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, section 21  <b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part III, section 8(2)

1. Means of delivery: missiles, rockets and other unmanned systems capable of delivering nuclear, chemical, or biological weapons that are specially designed for such use.

### III. OP 3 (a) and (b) - Account for/Secure/Physically protect NW, CW and BW, including Related Materials <sup>2</sup>

Measures to establish domestic controls to prevent the proliferation of NW, CW, BW, and their means of delivery; controls over related materials	National legal and/or regulatory 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	Measures to account for production	X	X	?	<p><b>NW:</b> INFCIRC/456, SQP Ionising Radiation Protection Act, No. 16 of 2005, as amended 2011, Part IV, sections 21 (process radioactive material or source of harmful ionising radiation), 23 (responsibilities of licence holder), 28 (keep records)</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act, No. 2 of 2007, Part IV, sections 13 (licence to produce), 14 (limit on production quantities), Part XI, section 45 (record keeping and reporting requirements) The Environmental Management Act, No. 12 of 2011, as amended, section 65 (licence for production of toxic substance), 66 (collect data, keep records on production of toxic substances) Environmental Management (Licensing) Regulations of 2013, Parts IV (generate hazardous waste), V (manufacture toxic substances)</p> <p><b>BW:</b> Biosafety Act, No. 10 of 2007, Part III (regulation of production of GMOs)  Stock Diseases Regulations, section 10 (permit for manufacturing virus for diagnosis or treatment)</p>	X	X	?	<p><b>NW:</b> Ionising Radiation Protection Act, No. 16 of 2005, as amended 2011, - Part II (Radiation Protection Authority Board), Part IV (licencing), sections 26 (suspension of licence), 27 (enforcement), Part VI, section 38 (offences and penalties)</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act, No. 2 of 2007, Part IV, sections 13(2), 14 (2); Part IX (penalties) The Environmental Management Act, No. 12 of 2011, as amended, Part II (The Zambia Environmental Management Agency), sections 121, 122, Part XI (offences) Environmental Management (Licensing) Regulations of 2013, section 74 (penalties)</p> <p><b>BW:</b> Biosafety Act, No. 10 of 2007, Part II (The National Biosafety Authority), section 45 (offences and penalties) Stock Diseases Regulations, section 10 (offence)</p>		



2	Measures to account for use	X	X	?	<p><b>NW:</b> INFCIRC/456, SQP Ionising Radiation Protection Act, No. 16 of 2005, as amended 2011, Part IV, sections 21 (licence to use), 23, 28</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act, No. 2 of 2007, Part IV, sections 13 (use), 14 (licence to process or consume), Part XI, section 45 (use of toxic chemicals) The Environmental Management Act, No. 12 of 2011, as amended, section 65 (licence to use toxic substance) Environmental Management (Licensing) Regulations of 2013, Parts IV (pre-treat, treat hazardous waste, regular reports), V (licence to process, re-process or change composition of toxic substance)</p> <p><b>BW:</b> Biosafety Act, No. 10 of 2007, Part III (approval to release, use GMOs) The Animal Health Act, No. 27 of 2010, Parts III, VII, section 30 (approval of laboratories) Stock Diseases Regulations, section 5 Plant Pests and Diseases Act, No. 11 of 1958, No. 13 of 1994, Part II (issue regulations to control injurious organism) Plant Pests and Diseases (Pest Control) Regulations, Government Notice 331 of 1958 and 90 of 1964 (schedule of plant diseases) Public Health Act, as amended, Part III (notification of infectious diseases), Part IV, section 28(q) (regulation or restriction pathogenic micro-organisms, material causing disease in man), Part VII, section 49 (prohibit, restrict, regulate import of thing likely to introduce infectious disease)</p>	X	X	?	<p><b>NW:</b> Ionising Radiation Protection Act, No. 16 of 2005, as amended 2011, Part IV, sections 26, 27; Part VI, section 38</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act, No. 2 of 2007, Part IV, sections 13(2), 14 (2); Part IX The Environmental Management Act, No. 12 of 2011, as amended, Part II (The Zambia Environmental Management Agency), sections 121, 122 Environmental Management (Licensing) Regulations of 2013, section 74</p> <p><b>BW:</b> Biosafety Act, No. 10 of 2007, Part II (The National Biosafety Authority), section 45, Part XIII (Inspectorate) The Animal Health Act, No. 27 of 2010, Part XI Stock Diseases Regulations, section 5 Plant Pests and Diseases Act, No. 11 of 1958, No. 13 of 1994, Part V (inspections and offences) Regulations, Government Notice 331 of 1958 and 90 of 1964 Public Health Act, as amended, Part XV (penalties)</p>	
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3	Measures to account for storage	X	X	?	<p><b>NW:</b> INFCIRC/456, SQP Ionising Radiation Protection Act, No. 16 of 2005, as amended 2011, Part IV, sections 21, 23, 28 Mines and Minerals Development Act, No. 7 of 2008, sections 107 (authorisation to store), 108 (consent to store radioactive minerals)</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act, No. 2 of 2007, Part III, sections 8(3) (store pending disposal), 45 (regulations for storage) The Environmental Management Act, No. 12 of 2011, sections 43 (regulations for storage of controlled substance), 55 (licence to store hazardous waste), 62 (regulate storage of hazardous waste), 65 (licence to store toxic substance), 66 (control storage), 122 (not store toxic substance without a licence) Environmental Management (Licensing) Regulations of 2013, Parts III (storage of waste) IV (storage hazardous waste), V (storage of toxic substances), Schedule XII (storage of toxic substances)</p> <p><b>BW:</b> Biosafety Act, No. 10 of 2007, Part III (storage of GMOs)</p>	X	X	?	<p><b>NW:</b> Ionising Radiation Protection Act, No. 16 of 2005, as amended 2011, Part IV, sections 26, 27; Part VI, section 38 Mines and Minerals Development Act, No. 7 of 2008, section 107</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act, No. 2 of 2007, Part III, section 8(3), Part IX The Environmental Management Act, No. 12 of 2011, Part II (The Zambia Environmental Management Agency), sections 121, 122 Environmental Management (Licensing) Regulations of 2013, section 74</p> <p><b>BW:</b> Biosafety Act, No. 10 of 2007, Part II (The National Biosafety Authority), section 45, Part XIII (Inspectorate)</p>	
4	Measures to account for transport	X	X	?	<p><b>NW:</b> Ionising Radiation Protection Act, No. 16 of 2005, as amended 2011, Part IV, sections 21 (transport), 23, 28 Mines and Minerals Development Act, No. 7 of 2008, sections 107, 108 (transport) Aviation Act, Part IX, section 60 (carriage of dangerous goods); General Conditions of Carriage for Cargo Regulation, arts 10, 11, Railways Act, section 54, 81</p>	X	X	?	<p><b>NW:</b> Ionising Radiation Protection Act, No. 16 of 2005, as amended 2011, Part IV, sections 26, 27; Part VI, section 38 Mines and Minerals Development Act, No. 7 of 2008, sections 107</p>	

				<p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act, No. 2 of 2007, Part XI, section 45 (regulations for movement of toxic chemicals) The Environmental Management Act, No. 12 of 2011, section 65 (licence to transport toxic substance) Environmental Management (Licensing) Regulations of 2013, Parts IV (transport hazardous waste), V (transport of toxic substances)</p> <p><b>BW:</b> Biosafety Act, No. 10 of 2007, Part IX (licence to transport GMO through Zambia) Plant Pests and Diseases Act, No. 11 of 1958, No. 13 of 1994, Part II (regulations to prohibit, restrict, regulate transport of 'pests' or things)</p>			<p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act, No. 2 of 2007, Part IX The Environmental Management Act, No. 12 of 2011, Part II (The Zambia Environmental Management Agency), sections 121, 122 Environmental Management (Licensing) Regulations of 2013, section 74</p> <p><b>BW:</b> Biosafety Act, No. 10 of 2007, Part II (The National Biosafety Authority), section 45, Part XIII (Inspectorate) Plant Pests and Diseases Act, Act No. 11 of 1958, No. 13 of 1994, Part V</p>	
5	Measures to secure production	N A		<p><b>NW:</b> INFCIRC/456, SQP</p>	N A		<p><b>NW:</b> INFCIRC/456, SQP</p>	
6	Measures to secure use	N A	?	<p><b>NW:</b> INFCIRC/456, SQP</p> <p><b>CW:</b> Environmental Management (Licensing) Regulations of 2013, Parts IV, V</p>	N A	?	<p><b>NW:</b> INFCIRC/456, SQP</p> <p><b>CW:</b> Environmental Management (Licensing) Regulations of 2013, section 74</p>	
7	Measures to secure storage	N A	X	<p><b>NW:</b> INFCIRC/456, SQP</p> <p><b>CW:</b> Environmental Management (Licensing) Regulations of 2013, Parts IV, V, section 37 (stored area fenced, under lock and key)</p>	N A	X	<p><b>NW:</b> INFCIRC/456, SQP</p> <p><b>CW:</b> Environmental Management (Licensing) Regulations of 2013, section 74</p>	
8	Measures to secure transport		X	<p><b>CW:</b> Environmental Management (Licensing) Regulations of 2013, Parts IV, V, section 33 (transport toxic substance - secure container, etc.)</p>		X	<p><b>CW:</b> Environmental Management (Licensing) Regulations of 2013, section 74</p>	

9	Physical protection measures	N A	X	<b>NW:</b> INFCIRC/456, SQP  <b>CW:</b> The Environmental Management Act, No. 12 of 2011, section 43 Environmental Management (Licensing) Regulations of 2013, Parts IV, V, section 37 (area fenced, under lock and key)	N A	X	<b>NW:</b> INFCIRC/456, SQP  <b>CW:</b> The Environmental Management Act, No. 12 of 2011, Part II (The Zambia Environmental Management Agency), sections 121, 122 Environmental Management (Licensing) Regulations of 2013, section 74	
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	Radiation Protection Authority Ionising Radiation Protection Act No. 16 of 2005, as amended 2011, Part II, sections 5 and 7c	
2	Licensing of nuclear installations/entities/ use of materials	Radiation Protection Authority Ionising Radiation Protection Act No. 16 of 2005, as amended 2011, Part IV, section 21	
3	IAEA Safeguards Agreements	INFCIRC/456 and SQP, 22 September 1994 Additional Protocol signed 13 May 2009	
4	IAEA Code of Conduct on Safety and Security of Radioactive Sources		
5	Supplementary Guidance on the Import and Export of Radioactive Sources of the Code of Conduct on the Safety and Security of Radioactive Sources		
6	IAEA Incident and Trafficking Database	Participates	
7	Integrated Nuclear Security Support Plan (INSSP) / International Physical Protection Advisory Service (IPPAS)	Approved	
8	Applying the physical protection recommendations in INFCIRC/225/Rev.5		

9	Other Agreements related to IAEA	Revised Supplementary Agreement Concerning the Provision of Technical Assistance by the IAEA (RSA), signed 25 February 1991 African Regional Co-operative Agreement for Research, Development and Training Related to Nuclear Science and Technology (AFRA), Fifth Extension, acceptance 5 June 2015	
10	National legislation and regulations related to nuclear material including CPPNM		

**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	Ministry of Foreign Affairs Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act, No. 2 of 2007, Part II, section 4	
2	Licensing/registration of installations/facilities/persons/entities/use/handling of related materials	Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act, No. 2 of 2007, Part IV (Licensing), sections 13 (2), 14(2), Part IX The Environmental Management Act, No. 12 of 2011, Part II (The Zambia Environmental Management Agency), Environmental Management (Licensing) Regulations of 2013, Parts IV, V, section 74	
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 Licensing/registration of installations/facilities/ persons/entities/use/ handling of materials</p>	<p>Biosafety Act, No. 10 of 2007, Part III, Part II (The National Biosafety Authority), section 45, Part XIII (Inspectorate) Stock Diseases Regulations</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	<b>NW/CW/BW:</b> Zambia Revenue Authority Act (cap. 321), as amended Customs and Excise Act (cap. 322) 1955, as amended Customs and Excise Regulations 2000, as amended	X	X	X	<b>NW/CW/BW:</b> Zambia Revenue Authority Act (cap 321), as amended Customs and Excise Act (cap. 322), as amended Customs and Excise Regulations 2000, as amended			
2	Law enforcement to detect, deter, prevent and combat illicit trafficking	X	X	X	<b>NW/CW/BW:</b> Zambia Revenue Authority Act, as amended Customs and Excise Act (cap. 322) 1955, as amended  <b>NW:</b> Ionising Radiation Protection Act No. 16 of 2005, as amended, Part II Mines and Minerals Development Act, No. 7 of 2008, Part XIII  <b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act, No. 2 of 2007, Parts II and V The Environmental Management Act, No. 12 of 2011  <b>BW:</b> Biosafety Act, No. 10 of 2007, Part II Plant Pests and Diseases Act, Act No. 11 of 1958, No. 13 of 1994, Part II and regulations (Notices 331 of 1958 and 90 of 1964)	X	X	X	<b>NW/CW/BW:</b> Commissioner-General, Customs  <b>NW:</b> Radiation Protection Authority Board Director of Mines  <b>CW:</b> Zambia National Authority on the Chemical Weapons Convention (Ministry of Foreign Affairs) Zambia Environmental Management Agency  <b>BW:</b> National Biosafety Authority Department of Agriculture			

3	Border control detection measures	X	?	?	<b>NW/CW/BW:</b> X-ray Monitoring Radiation Portal Monitors	X	?	?	<b>NW/CW/BW:</b> X-ray Monitoring Radiation Portal Monitors Automated System for Customs Data (ASYCUDA World)
4	Control of brokering								
5	Export control legislation in place	X	X	?	<b>NW:</b> Ionising Radiation Protection Act No. 16 of 2005, as amended 2011, Part IV, section 21 (export licence) Mines and Minerals Development Act, No. 7 of 2008, sections 107, 108 (consent to export of radioactive minerals)  <b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act, No. 2 of 2007, Part IV (export licence schedules 2 and 3 chemicals) The Environmental Management Act, No. 12 of 2011, section 65 (export licence toxic substance) Environmental Management (Licensing) Regulations of 2013, Parts IV (export licence hazardous waste), V (export licence toxic substance)  <b>BW:</b> Biosafety Act, No. 10 of 2007, Parts III (export approval for GMOs), VII (procedure for export)	X	X	?	<b>NW:</b> Ionising Radiation Protection Act No. 16 of 2005, as amended 2011, Part V, section 38 (offences and penalties) Mines and Minerals Development Act, No. 7 of 2008, section 107 (penalties)  <b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act of 2007, section 15 The Environmental Management Act, No. 12 of 2011, section 121 Environmental Management (Licensing) Regulations of 2013, section 74  <b>BW:</b> Biosafety Act, No. 10 of 2007, sections 10, 38
6	Licensing provisions and Authority	X	X	?	<b>NW:</b> Ionising Radiation Protection Act No. 16 of 2005, as amended 2011, Part II (Radiation Protection Authority), IV (licence) Mines and Minerals Development Act, No. 7 of 2008, sections 107, 108, (application for consent by Minister), Part XIII (Director of Mines)	X	X	?	<b>NW:</b> Radiation Protection Authority Board - Ionising Radiation Protection Act No. 16 of 2005, as amended 2011, Parts IV, Part VI Director of Mines - Mines and Minerals Development Act, No. 7 of 2008, section 107

				<p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act of 2007, Part IV (licencing), section 15 (import, export, 16 (application for licence) The Environmental Management Act, No. 12 of 2011, section 65 (import, export licence toxic substance) Environmental Management (Licensing) Regulations of 2013, Parts IV (import, export licence hazardous waste), V (import, export licence toxic substance)</p> <p><b>BW:</b> Biosafety Act, No. 10 of 2007, Part 11, sections 10 (export permit for GMOs), 30 Plant Pests and Diseases Act, Act No. 11 of 1958, No. 13 of 1994, Part II (Import), and regulations (Notices 331 of 1958 and 90 of 1964)</p>			<p><b>CW:</b> Zambia National Authority on the Chemical Weapons Convention (Ministry of Foreign Affairs) - Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act of 2007, Part IV Zambia Environmental Management Agency - The Environmental Management Act, No. 12 of 2011, section 121 Environmental Management (Licensing) Regulations of 2013, section 74</p> <p><b>BW:</b> National Biosafety Authority, Director for Veterinary Services - Biosafety Act, No. 10 of 2007, sections 10, 38 Department of Agriculture - The Animal Health Act, No. 27 of 2010, sections 26</p>			
7	Control lists of materials, equipment and technology	?	X	?	?	X	?	<p><b>NW:</b> Ionising Radiation Protection Act No. 16 of 2005, as amended 2011, Part I Mines and Minerals Development Act, No. 7 of 2008, Part I</p> <p><b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part I The Environmental Management Act, No. 12 of 2011, Part I Environmental Management (Licensing) Regulations of 2013, Parts IV, V</p> <p><b>BW:</b> Biosafety Act, No. 10 of 2007, Part I Plant Pests and Diseases Act, Act No. 11 of 1958, No. 13 of 1994, Part I, and regulations</p>	<p><b>NW:</b> Radiation Protection Authority Board, Part II of the Ionising Radiation Protection Act No. 16 of 2005, as amended Director of Mines, Part II of the Mines and Minerals Development Act, No. 7 of 2008</p> <p><b>CW:</b> Zambia National Authority on Chemical Weapons, Part II of the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Zambia Environmental Management Agency, Part II of the Environmental Management Act, No. 12 of 2011 Environmental Management (Licensing) Regulations of 2013, section 74</p> <p><b>BW:</b> Biosafety Act, No. 10 of 2007, Part I Plant Pests and Diseases Act, Act No. 11 of 1958, No. 13 of 1994, Part I, and regulations</p>	

				(Notices 331 of 1958 and 90 of 1964, Schedule of Pests)				(Notices 331 of 1958 and 90 of 1964, Schedule of Pests)	
8	Intangible technology transfers								
9	Inclusion of means of delivery								
10	End-user controls		X		<b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part III, section 12		X	<b>CW:</b> Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons Act 2007, Part III, section 12	
11	Catch all clause								
12	Transit control	?	?	?	<b>NW:</b> Ionising Radiation Protection Act No. 16 of 2005, as amended 2011, Part IV  <b>CW:</b> The Environmental Management Act, No. 12 of 2011, sections 55, 65 (transit licence hazardous waste) Environmental Management (Licensing) Regulations of 2013, Part IV (transit licence hazardous waste)  <b>BW:</b> Biosafety Act, No. 10 of 2007, section 31 (GMO in transit) Plant Pests and Diseases Act, Act No. 11 of 1958, No. 13 of 1994, Part III and regulations (Notices 331 of 1958 and 90 of 1964) (“importation” also means transit through Zambia of injurious organisms)	?	?	?	<b>NW:</b> Ionising Radiation Protection Act No. 16 of 2005, as amended 2011, Part V - section 38  <b>CW:</b> The Environmental Management Act, No. 12 of 2011, section 121 Environmental Management (Licensing) Regulations of 2013, section 74  <b>BW:</b> Biosafety Act, No. 10 of 2007, section 31 Plant Pests and Diseases Act, Act No. 11 of 1958, No. 13 of 1994, section 28
13	Trans-shipment control								
14	Re-export control								
15	Control over financing of exports/transshipments that would contribute to proliferation	X	X	X	<b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, Part I (definition of proliferation financing and terrorism financing), sections 20	X	X	X	<b>NW/CW/BW:</b> Anti-Terrorism and Non-Proliferation Act 6 of 2018, sections 20, 22(2), 24, 30, 31, 32, 35 and 46 (penalties)

				<p>((22(1)(b) (prohibition of proliferation financing); 30 (harbours, conceals, provides safe haven to person involved in proliferation financing); 31 (conspires or attempts to commit financing of terrorism, proliferation financing); 32 (participates in proliferation financing), 35 (financial service, any service skill or expertise for proliferation financing); 46 (funds or financial services for financing of terrorism or proliferation), Schedule 2.16: International Convention for Suppression of the Financing of Terrorism  Prohibition and Prevention of Money Laundering Act No. 14 of 2001, Parts IV, V  Bank of Zambia Anti-Money Laundering and Combating the Financing of Terrorism or Proliferation Directives 2017, Parts III, section 14 (obligations re financing of terrorism or proliferation), IV  Financial intelligence Centre Act, No. 46 of 2010, Parts II (FIC powers), III (Prevention of money laundering and terrorist financing)  Forfeiture of Proceeds of Crime Act, No. 19 of 2010, Part II</p>			<p>Prohibition and Prevention of Money Laundering Act No.14 of 2001, Parts III (Anti-Money Laundering Investigations Unit), IV (penalties), VI (seizure and forfeiture), VII (investigation, search and arrest)  Bank of Zambia Anti-Money Laundering and Combating the Financing of Terrorism or Proliferation Directives 2017, Part IV (sanctions)  Financial Intelligence Centre Act, No. 46 of 2010, Part IV (offences and penalties)  Forfeiture of Proceeds of Crime Act, No. 19 of 2010, Part V (offences)</p>	
16	Control over services related to exports/transshipments that would contribute to proliferation including transportation							

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

1	Assistance offered	
2	Assistance Point of Contact (for assistance providers only)	
3	Assistance requested	<p>Date of request: 21 May 2020</p> <ol style="list-style-type: none"> <li>1. Advice and support to Zambia to strengthen its nuclear security regime;</li> <li>2. Development of a National Chemical, Biological, Radiological and Nuclear (CBRN) response plan;</li> <li>3. Capacity building among customs officials in dual use Items export control and other front-line officials at the borders in border management and security;</li> <li>4. Training especially the type offered by INTERPOL, among Law Enforcement Officers and Fire Brigade Personnel in detection, response to and investigating incidents on the malicious use of CBRNE materials with a view to safeguard the civilian population; and</li> <li>5. Capacity building with regard to biosafety and bio-security particularly in biological waste management, detection and managing outbreaks of infectious diseases.</li> </ol>
4	Action taken to work with and inform industry	Public Notice: Bank of Zambia: Anti-Money Laundering Customer Due Diligence
5	Action taken to work with and inform the public	
6	Point of Contact	<p>Ms. Beatrice L. Mutandi (Counsellor (Political), Permanent Mission of the Zambia to the United Nations) Tel: 347-493-0743 Fax: 212-888-5277 Email: <a href="mailto:mutandib@yahoo.com">mutandib@yahoo.com</a></p> <p>Ms. Violet Sita Mwalilanda (Ministry of Home Affairs) Tel: +260-977-800-050 Email: violetsita@yahoo.com, vmsita@gmail.com</p> <p>Mr Humphrey Kaloza Ministry of Home Affairs Tel: +260-979-451061 Email: <a href="mailto:HumphreyKaloza@Gmail.com">HumphreyKaloza@Gmail.com</a></p>

7	Voluntary National Implementation Action Plan (NAP)	
8	1540 Committee visits to States	1540 Committee visited Zambia from 14-17 April 2015 and 20 to 22 August 2018, at the invitation of the Government, to discuss the implementation of resolution 1540 (2004)