

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:	Republic of Ecuador
Date of Report:	7 April 2005
Dates of Additional Reports:	10 January 2008 (National Submission)
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 7 March 1969	
2	Nuclear Weapons Free Zone/ Protocol(s) Treaty of Tlatelolco: Deposit 11 February 1969	
3	International Convention for the Suppression of Acts of Nuclear Terrorism Signed 15 September 2005	
4	Convention on Physical Protection of Nuclear Material (CPPNM) Deposit 17 January 1996	
5	2005 Amendment to the CPPNM Deposit 27 September 2017	
6	Comprehensive Nuclear-Test-Ban Treaty (CTBT) (not in force) Deposit 12 November 2001	
7	Chemical Weapons Convention (CWC) Deposit 6 September 1995	
8	Biological Weapons Convention (BWC) Deposit 12 March 1975	
9	Geneva Protocol of 1925 Deposit 16 September 1970	
10	1997 International Convention for the Suppression of Terrorist Bombings	
11	1999 International Convention for the Suppression of the Financing of Terrorism Deposit 9 December 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	Inter-American Convention against Terrorism (Deposit 27 July 2006)	
16	International Atomic Energy Agency (IAEA)	Since 3 March 1958	
17	Directly relevant Arrangements	Hague Code of Conduct (HCoC)	
18	Statement on non-provision of WMD and related materials to non-State actors	State reports that it refrains from providing any support to non-State actor and exercises control over all activities designed 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	The World Health Organization (WHO) The World Organisation for Animal Health (OIE) INTERPOL World Customs Organization (WCO) - WCO SAFE Framework International Maritime Organization (IMO) Organization of American States (OAS) World Bank International Monetary Fund Financial Action Task Force of Latin America (GAFILAT)	

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	NW/CW/BW: National Constitution of 20 October 2008. Art. 15 CW: Act (Supreme Decree No. 3757) on the Manufacture, Import, Export, Sale and Possession of Weapons, Ammunitions, Explosives and Related Materials of 9 March 2009. Art. 6 on prohibitions	X	X	X	NW/CW/BW: Penal Code 2018. Arts. 254 and 362	
2	acquire	X	X	X	NW/CW/BW: Penal Code) (2018). Art. 362	X	X	X	NW/CW/BW: Penal Code (2018). Art. 362	
3	Possess	X	X	X	NW/CW/BW: National Constitution of 20 October 2008. Art. 15 CW: Act (Supreme Decree No 3757) on the Manufacture, Import, Export, Sale and Possession of Weapons, Ammunitions, Explosives and Related Materials of 9 March 2009. Art. 6 on prohibitions	X	X	X	NW/CW/BW: Penal Code (2014) (2018). Arts. 254 and 362	
4	develop	X	X	X	NW/CW/BW: National Constitution of 20 October 2008. Art. 15	X	X	X	NW/CW/BW: Penal Code (2018). Arts. 254 and 362	
5	transport	X	X	X	NW/CW/BW: National Constitution of 20 October 2008. Art. 15	X	X	X	NW/CW/BW: Penal Code (2018). Arts. 254 and 362	

6	transfer	X	X	X	<p>NW/CW/BW: Penal Code (2018). Art. 362</p> <p>CW: Act (Supreme Decree No. 3757) on the Manufacture, Import, Export, Sale and Possession of Weapons, Ammunitions, Explosives and Related Materials. Art. 4 (import, export, trade)</p>	X	X	X	<p>NW/CW/BW: Penal Code (2018). Art. 362</p>
7	use	X	X	X	<p>NW/CW/BW: National Constitution of 20 October 2008. Art. 15</p>	X	X	X	<p>NW/CW/BW: Penal Code (2018). Arts. 254 and 362</p>
8	attempt to engage in abovementioned activities	X	X	X	<p>NW/CW/BW: Penal Code (2018). Art. 39</p>	X	X	X	<p>NW/CW/BW: Penal Code (2018). Art. 39</p>
9	participate as an accomplice in abovementioned activities	X	X	X	<p>NW/CW/BW: Penal Code (2018). Art. 43</p>	X	X	X	<p>NW/CW/BW: Penal Code (2018). Art. 43</p>
10	assist in abovementioned activities	X	X	X	<p>NW/CW/BW: Penal Code (2018). Art. 42. 3</p>	X	X	X	<p>NW/CW/BW: Penal Code (2018). Art. 42. 3</p>
11	finance abovementioned activities	X	X	X	<p>NW/CW/BW: Penal Code (2014). Arts. 362 and 367</p>	X	X	X	<p>NW/CW/BW: Penal Code (2014). Arts.362 and 367</p>
12	abovementioned activities related to means of delivery ¹	X	X	?	<p>NW/CW/BW: Penal Code (2014). Art. 362 (State interprets article 362 to cover means of delivery)</p> <p>CW: Act (Supreme Decree No. 3757) on the Manufacture, Import, Export, Sale and Possession of Weapons, Ammunitions, Explosives and Related Materials of 9 March 2009. Art. 5 and 6 on prohibitions</p>	?	X	?	<p>NW/CW/BW: Penal Code (2014). Art. 362</p>

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 ²

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 / ?				
		N W	C W	B W *		N W	C W	B W		
1	Measures to account for production	X	X		<p>NW: INFCIRC/231, amended SQP and Additional Protocol (24 October 2001)</p> <p>CW: Act (Supreme Decree No. 3757) on the manufacture, import, export, sale and possessives Weapons, ammunitions, explosives and related materials. Art. 4</p>		?		<p>CW: Act (Supreme Decree No. 3757) on the manufacture, import, export, sale and possessives Weapons, ammunitions, explosives and related materials. Art. 31</p>	
2	Measures to account for use	X		?	<p>NW: INFCIRC/231, amended SQP and Additional Protocol (24 October 2001) Supreme Decree No 3640 on Radiological Safety. Art 14</p> <p>BW: Act on public and State Security. Art. 2</p>	X			<p>NW: Supreme Decree No 3640 on Radiological Safety. Art. 34 (on licence suspension)</p>	
3	Measures to account for storage	X	X		<p>NW: INFCIRC/231, amended SQP and Additional Protocol (24 October 2001)</p> <p>CW: Act (Supreme Decree No. 3757) on the manufacture, import, export, sale and possessives Weapons, ammunitions, explosives and related materials. Arts. 4 and 5</p>		?		<p>CW: Act (Supreme Decree No. 3757) on the manufacture, import, export, sale and possessives Weapons, ammunitions, explosives and related materials. Art. 31</p>	
4	Measures to account for transport	X	X	X	<p>NW/CW/BW: Act No. 1 on transport by land, traffic and road safety. Art. 49</p>					

					Executive Decree No. 1196 about the rules on the Act on transport by land, traffic and road safety. Arts. 47 and 48 NW: NTE INEN2266:2013, Transport Storage and Handling Of Hazardous Materials. Requirements (Adopts Regulations for the Safe Transport of Radioactive Material IAEA)				
5	Measures to secure production	N A			NW: SQP	N A			NW: SQP
6	Measures to secure use	N A			NW: SQP	N A			NW: SQP
7	Measures to secure storage	N A			NW: SQP Supreme Decree No. 1 3640 on Radiological Safety, Art. 37 (radioactive sources)	N A			NW: SQP
8	Measures to secure transport	?	?	?	NW/CW/BW: Act No. 1 on the transport by land, traffic and road safety. Arts. 47 and 48				
9	Physical protection measures	N A			NW: SQP	N A			NW: SQP
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	Undersecretary of Nuclear Control and Applications (SCAN) (Ministry of Energy and Non-Renewable Natural Resources)	
2	Licensing of nuclear installations/entities/ use of materials	Supreme Decree No. 3640 on Radiological Safety, Title II, Chapter I (radioactive sources) and Art. 34	
3	IAEA Safeguards Agreements	INFCIRC/231 (in force 10 March 1975) and amended SQP Additional Protocol in force 24 October 2001	
4	IAEA Code of Conduct on Safety and Security of Radioactive Sources	Expressed support	
5	Supplementary Guidance on the Import and Export of Radioactive Sources of the Code of Conduct on the Safety and Security of Radioactive Sources	Expressed support	
6	IAEA Incident and Trafficking Database	Participates	
7	Integrated Nuclear Security Support Plan (INSSP) / International Physical Protection Advisory Service (IPPAS)	Integrated Nuclear Security Support Plans (INSSP), approved / International Physical Protection Advisory Service (IPPAS) received on March 2018	
8	Applying the physical protection recommendations in INFCIRC/225/Rev.5		

9	Other Agreements related to IAEA	Co-operation Agreement for the Promotion of Nuclear Science and Technology in Latin America and the Caribbean (ARCAL)	
10	National legislation and regulations related to nuclear material including CPPNM	NTE INEN2266:2013, Transport Storage and Handling Of Hazardous Materials. Requirements (Adopts Regulations for the Safe Transport of Radioactive Material IAEA).	

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	Decree No. 1406 of 11 January 2013. Sectorial Security Council. Ministry of Defense	
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
1	Licensing/registration of installations/facilities/ persons/entities/use/ handling of materials		

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	NW/CW/BW: Act No. 99 on Customs Organization as amended. Art. 4 Code for the Production, Trade and Investment. Art 205 on Customs attributions Decree No. 348 of 28 March 2018 on the creation of the national Committee on Comprehensive Border Security. Art. 3 3)	X	X	X	NW/CW/BW: Act No. 99 on Customs Organization as amended. Title II, Chapter II National Customs Service Combined Armed Forces Command has set up 17 weapons-control units as well as border controls at national level Penal Code, (2018). Art. 362			
2	Law enforcement to detect, deter, prevent and combat illicit trafficking	X	X	X	NW/CW/BW: Penal Code, (2018). Art. 362 NW: Supreme Decree No.3640 on Radiological Safety. Chapter V on radioisotopes import CW: Act (Supreme Decree No 3757) on the Manufacture, Import, Export, Sale and Possession of Weapons, Ammunitions, Explosives and Related Materials. Art. 4	X	X	X	NW/CW/BW: Penal Code, (2018). Art. 362 NW: Undersecretary of Nuclear Control and Applications (Ministry of Electricity and Renewable Resources) CW: Ministry of Defence			
3	Border control detection measures											
4	Control of brokering											
5	Export control legislation in place	?	?	?	NW/CW/BW: Penal Code, (2018). Art. 362	?	?	?	NW/CW/BW: Penal Code, (2018). Art. 362			

					CW: Act (Supreme Decree No. 3757) on the Manufacture, Import, Export, Sale and Possession of Weapons, Ammunitions, Explosives and Related Materials. Art. 4				CW: Act (Supreme Decree No.3757) on the Manufacture, Import, Export, Sale and Possession of Weapons, Ammunitions, Explosives and Related Materials. Chapter VI	
6	Licensing provisions and Authority									
7	Control lists of materials, equipment and technology									
8	Intangible technology transfers									
9	Inclusion of means of delivery									
10	End-user controls									
11	Catch all clause									
12	Transit control	?	?	?	NW/CW/BW: Code for the Production, Trade and Investment. Art. 72 on foreign trade					
13	Trans-shipment control									
14	Re-export control	X	X	X	NW/CW/BW: Penal Code. Art. 362 NW: Ministry of Electricity and Renewable Resources provides authorizations to re-export radioactive sources	X	X	X	NW/CW/BW: Penal Code. Art. 362	
15	Control over financing of exports/transshipments that would contribute to proliferation	X	X	X	NW/CW/BW: Penal Code (2018). Art. 362 NW: Penal Code (2018). Art. 367	X	X	X	NW/CW/BW: Penal Code (2014). Arts. 362 and 367 NW: Penal Code (2018). Art. 367	
16	Control over services related to exports/transshipments that would contribute to									

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	
4	Action taken to work with and inform industry	
5	Action taken to work with and inform the public	
6	Point of Contact	Dr. Carlos Chérrez Ministerio de Energía y Recursos Naturales No Renovables Dirección de Aplicaciones Nucleares y Cooperación Técnica Email: carlos.cherrez@recursosyenergia.gob.ec Tel: +59 3996711067
7	Voluntary National Implementation Action Plan (NAP)	
8	1540 Committee visits to States	