

# 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 India</b>
<b>Date of Report:</b>	<b>1 November 2004</b>
<b>Dates of Additional Reports:</b>	<b>16 January 2006</b>
	<b>8 February 2006</b>
	<b>24 April 2009</b>
	<b>31 May 2013</b>
	<b>13 June 2017</b>
	<b>21 August 2019</b>
	<b>2 July 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)	
2	Nuclear Weapons Free Zone/ Protocol(s)	
3	International Convention for the Suppression of Acts of Nuclear Terrorism	Deposit 1 December 2006
4	Convention on Physical Protection of Nuclear Material (CPPNM)	Deposit 12 March 2002
5	2005 Amendment to the CPPNM	Deposit 19 September 2007
6	Comprehensive Nuclear-Test-Ban Treaty (CTBT) (not in force)	
7	Chemical Weapons Convention (CWC)	Deposit 3 September 1996
8	Biological Weapons Convention (BWC)	Deposited 15 July 1974
9	Geneva Protocol of 1925	Deposit 9 April 1930
10	1997 International Convention for the Suppression of Terrorist Bombings	Deposit 22 September 1999
11	1999 International Convention for the Suppression of the Financing of Terrorism	Deposit 22 April 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	Additional Protocol to the SAARC Regional Convention on Suppression of Terrorism, 16 January 2004 SAARC Regional Convention on Suppression of Terrorism, 14 November 1987	
16	International Atomic Energy Agency (IAEA)	Since 16 July 1957	
17	Directly relevant Arrangements	Global Initiative to Combat Nuclear Terrorism (GICNT) Nuclear Suppliers Group: Relationship based on 2008 Statement on Civil Nuclear Cooperation with India Nuclear Security Contact Group Missile Technology Control Regime (member since June 2016) Wassenaar Arrangement (member since December 2017) The Australia Group (member since January 2018) The Hague Code of Conduct (member since June 2016) Has participated as an observer at Proliferation Security Initiative (PSI) events	
18	Statement on non-provision of WMD and related materials to non-State actors	State reported that "preventing access to WMD and their means of delivery to non-State actors is a matter of national policy for the Government of India".	
19	Membership in relevant international, regional or sub-regional organisations	World Customs Organization (WCO) (Signed Declaration on Implementation of the SAFE Framework of Standards) INTERPOL South Asian Association for Regional Cooperation (SAARC) World Health Organization (WHO) International Maritime Organization (IMO) World Organisation for Animal Health (OIE) Financial Action Task Force (FATF) International Monetary Fund (IMF) World Bank	

## 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
		NW	CW	BW		NW	CW	BW		
1	manufacture	X	X	X	<p><b>NW:</b> WMD Act, 2005, Section 8(1)</p> <p><b>CW/BW:</b> WMD Act, 2005, Section 8(3)</p> <p><b>CW:</b> CWC Act 2000, Sections 13 and 15</p> <p><b>BW:</b> Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells 1989, made under Environment (Protection) Act 1986</p>	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 14</p> <p><b>CW:</b> CWC Act 2000, Chapter V and Sections 40 and 41</p> <p><b>BW:</b> Environment (Protection) Act 1986, Section 15</p>	
2	acquire	X	X	X	<p><b>NW:</b> WMD Act, 2005, Section 8(1)</p> <p><b>CW/BW:</b> WMD Act, 2005 - Section 8(3)</p> <p><b>CW:</b> CWC Act 2000, Sections 13 and 15</p> <p><b>BW:</b> Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells 1989,</p>	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 14</p> <p><b>CW:</b> CWC Act 2000, Chapter V and Sections 40 and 41</p>	

					made under Environment (Protection) Act 1986					
3	possess	X	X	X	<p><b>NW:</b> WMD Act, 2005, Section 8(1) Unlawful Activities (Prevention) Act 1967, as amended, Section 15</p> <p><b>CW/BW:</b> WMD Act, 2005, Section 8(3) Unlawful Activities (Prevention) Act 1967, as amended, Section 15</p> <p><b>CW:</b> CWC Act 2000, Sections 13 and 15</p> <p><b>BW:</b> Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells 1989, made under Environment (Protection) Act 1986</p>	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 14 Unlawful Activities (Prevention) Act 1967, as amended, Sections 16-18, 23</p> <p><b>CW:</b> CWC Act 2000, Section 14, Chapter V and Sections 40 and 41</p>	
4	develop	X	X	X	<p><b>NW:</b> WMD Act, 2005, Section 8(1)</p> <p><b>CW/BW:</b> WMD Act, 2005, Section 8(3)</p> <p><b>CW:</b> CWC Act 2000, Section 13</p> <p><b>BW:</b> Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells 1989, made under Environment (Protection) Act 1986</p>	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 14</p> <p><b>CW:</b> CWC Act 2000, Chapter V and Section 40</p>	
5	transport	X	X	X	<p><b>NW:</b> WMD Act, 2005, Section 8(1)</p>	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 14</p>	

					<p><b>CW/BW:</b> WMD Act, 2005, Section 8(3)</p> <p><b>CW:</b> CWC Act 2000, Sections 13 and 15 (“transport” covered by reference to “transfer”)</p> <p><b>BW:</b> Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells 1989, made under Environment (Protection) Act 1986</p>				<p><b>CW:</b> CWC Act 2000, Chapter V</p>	
6	transfer	X	X	X	<p><b>NW:</b> WMD Act, 2005, Section 8(2)</p> <p><b>CW/BW:</b> WMD Act, 2005, Section 8(4)</p> <p><b>CW:</b> CWC Act 2000, Section 13 and 15</p> <p><b>BW:</b> Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells 1989, made under Environment (Protection) Act 1986 (“transfer” covered by reference to “transport”)</p>	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 14</p> <p><b>CW:</b> CWC Act 2000, Chapter V and Sections 40 and 41</p>	
7	use	X	X	X	<p><b>NW/CW/BW:</b> Unlawful Activities (Prevention) Amendment Act, 2004, Section 15 (commits a terrorist act involving WMD)</p>	X	X	X	<p><b>NW/CW/BW:</b> Unlawful Activities (Prevention) Act 1967, as amended, Sections 16-18, 23</p> <p><b>NW:</b> Unlawful Activities (Prevention) Act 1967, as amended, Section 16A</p>	

					<p><b>CW:</b> CWC Act 2000, Sections 13 and 15</p> <p><b>BW:</b> Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells 1989, made under Environment (Protection) Act 1986</p>				<p><b>CW:</b> CWC Act 2000, Chapter V and Section 40 and 41</p>	
8	attempt to engage in abovementioned activities	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 14</p>	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 14</p>	
9	participate as an accomplice in abovementioned activities	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section, 14 and 15 Unlawful Activities (Prevention) Act 1967, as amended, Section 18 and 19 (for possession and use)</p> <p><b>CW:</b> CWC Act 2000, Section 13 (Participation addressed by use of term “indirectly” in Section 13)</p>	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Sections 14 and 15 Unlawful Activities (Prevention) Act 1967, as amended, Sections 18-19</p> <p><b>CW:</b> CWC Act 2000, Chapter V and Sections 40 and 41</p>	
10	assist in abovementioned activities	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section, 14 and 15 Unlawful Activities (Prevention) Act 1967, as amended, Sections 18 and 19 (for possession and use)</p> <p><b>CW:</b> CWC Act 2000, Section 13</p>	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Sections 14 and 15 Unlawful Activities (Prevention) Act 1967, as amended, Sections 18-19</p> <p><b>CW:</b> CWC Act 2000, Chapter V and Sections 40 and 41</p>	
11	finance abovementioned activities	X	X	X	<p><b>NW/CW/BW:</b> Prevention of Money Laundering Act (PMLA) 2002 Unlawful Activities (Prevention) Amendment Act, 2004, Section 17 (raising funds for terrorist acts)</p>	X	X	X	<p><b>NW/CW/BW:</b> Unlawful Activities (Prevention) Act 1967, as amended, Sections 17, 18 Financial Intelligence Unit established in 2005</p>	

12	abovementioned activities related to means of delivery <sup>1</sup>	X	X	X	<b>NW:</b> WMD Act, 2005, Section 8(1) and (5)  <b>CW/BW:</b> WMD Act, 2005, Section 8(3) and (5)	X	X	X	<b>NW/CW/BW:</b> WMD Act, 2005, Section 14	
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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	
		NW	CW	BW*		NW	CW	BW		
1	Measures to account for production	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Sections 3, 5, 7, 14, 16 and 30 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder Within Department of Atomic Energy, Nuclear Controls and Planning Wing (NCPW) is responsible for State System of Accounting and Control (SSAC) for Nuclear Material.</p> <p><b>CW:</b> CWC Act 2000</p> <p><b>BW:</b> The Environment (Protection) Act 1986, Sections 10-14, and Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells 1989 (Section 8)</p>	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Sections 24, 25, 26 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder</p> <p><b>CW:</b> CWC Act 2000, Chapters V and VI</p> <p><b>BW:</b> The Environment (Protection) Act 1986, Section 15 (Penalties)</p>	
2	Measures to account for use	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Sections 3, 7, 14, 16 and 30 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder Within Department of Atomic Energy, Nuclear Controls and Planning Wing (NCPW) is responsible for State System of Accounting and Control (SSAC) for Nuclear Material.</p>	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Sections 24, 25, 26 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder</p>	

					<p><b>CW:</b> CWC Act 2000</p> <p><b>BW:</b> The Environment (Protection) Act 1986, Sections 10-14, and Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells 1989 (Section 7)</p>				<p><b>CW:</b> CWC Act 2000, Chapters V and VI</p> <p><b>BW:</b> The Environment (Protection) Act 1986, Section 15 (Penalties)</p>	
3	Measures to account for storage	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Section 3, 7, 14, 16 and 30 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder Within Department of Atomic Energy, Nuclear Controls and Planning Wing (NCPW) is responsible for State System of Accounting and Control (SSAC) for Nuclear Material.</p> <p><b>CW:</b> CWC Act 2000</p> <p><b>BW:</b> The Environment (Protection) Act 1986, Sections 10-14 Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells 1989 (Section 7)</p>	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Section 24, 25, 26 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder</p> <p><b>CW:</b> CWC Act 2000, Chapters V and VI</p> <p><b>BW:</b> The Environment (Protection) Act 1986, Section 15 (Penalties)</p>	
4	Measures to account for transport	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Sections 3, 14 (“transport” implicitly covered by licensing regulatory clearances required of specific activities), 16 and 30 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder Within Department of Atomic Energy, Nuclear Controls and Planning Wing (NCPW) is responsible for State System of</p>	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Sections 24, 25, 26 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder</p>	

					<p>Accounting and Control (SSAC) for Nuclear Material.</p> <p><b>CW:</b> CWC Act 2000, Section 15</p> <p><b>BW:</b> The Environment (Protection) Act 1986, Sections 10-14 Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells 1989 (Section 7)</p>				<p><b>CW:</b> CWC Act 2000, Sections 40, 41</p> <p><b>BW:</b> The Environment (Protection) Act 1986, Section 15 (Penalties)</p>	
5	Measures to secure production	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Sections 3, 5, 7, 14, 16, 17 and 30 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder WMD Act, 2005, Section 8 Within Department of Atomic Energy, NCPW is responsible for Controlling the production of Nuclear Material through Licensing. Atomic Energy Regulatory Board (AERB) regulates Safety and Security of Nuclear Material.</p> <p><b>CW:</b> CWC Act 2000, Section 15</p> <p><b>BW:</b> The Environment (Protection) Act 1986 Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells 1989</p>	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Sections 24, 25, 26 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder WMD Act, 2005, Section 14 Implementation of all elements of Physical Protection Systems to secure production of Nuclear Material. (Relevant regulations are classified)</p> <p><b>CW:</b> CWC Act 2000, Chapters V and VI</p> <p><b>BW:</b> The Environment (Protection) Act 1986, Section 15</p>	
6	Measures to secure use	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Sections 3, 14, 16, 17 and 30 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder</p>	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Sections 24, 25, 26 and 30 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder</p>	

				<p>WMD Act, 2005, Section 8 Within Department of Atomic Energy, NCPW is responsible for Controlling the production of Nuclear Material through Licensing. Atomic Energy Regulatory Board (AERB) regulates Safety and Security of Nuclear Material.</p> <p><b>CW:</b> CWC Act 2000, Section 15</p> <p><b>BW:</b> The Environment (Protection) Act 1986 Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells 1989</p>			<p>WMD Act, 2005, Section 14 Implementation of all elements of Physical Protection Systems to secure production of Nuclear Material. (Relevant regulations are classified)</p> <p><b>CW:</b> CWC Act 2000, Chapter V and Sections 40, 41</p> <p><b>BW:</b> The Environment (Protection) Act 1986, Section 15</p>			
7	Measures to secure storage	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Sections 3, 14, 16, 17 and 30 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder WMD Act, 2005, Section 8 Within Department of Atomic Energy, NCPW is responsible for Controlling the production of Nuclear Material through Licensing. Atomic Energy Regulatory Board (AERB) regulates Safety and Security of Nuclear Material.</p> <p><b>CW:</b> CWC Act 2000, Section 15</p> <p><b>BW:</b> The Environment (Protection) Act 1986 Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms</p>	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Sections 24, 25 and 26 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder WMD Act, 2005, Section 14 Implementation of all elements of Physical Protection Systems to secure production of Nuclear Material. (Relevant regulations are classified)</p> <p><b>CW:</b> CWC Act 2000, Chapter V and Sections 40, 41</p> <p><b>BW:</b> The Environment (Protection) Act 1986, Section 15</p>	

					and Genetically Engineered Organisms and Cells 1989  Regulations and Guidelines for Recombinant DNA Research and Biocontainment, 2017					
8	Measures to secure transport	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Sections 3, 14, 16, 17 and 30 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder WMD Act, 2005, Section 8 Within Department of Atomic Energy, NCPW is responsible for Controlling the production of Nuclear Material through Licensing. Atomic Energy Regulatory Board (AERB) regulates Safety and Security of Nuclear Material.</p> <p><b>CW:</b> CWC Act 2000, Sections 7(2)(m) and 15</p> <p><b>BW:</b> The Environment (Protection) Act 1986 Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells 1989 (Section 7)</p>	X	X	X	<p><b>NW:</b> Atomic Energy Act 1962, Sections 24, 25 and 26 Rules made under Atomic Energy Act 1962, Orders and notifications thereunder WMD Act, 2005, Section 14 Implementation of all elements of Physical Protection Systems to secure production of Nuclear Material. Relevant regulations are classified)</p> <p><b>CW:</b> CWC Act 2000, Chapter V and Sections 40 and 41</p> <p><b>BW:</b> The Environment (Protection) Act 1986, Section 15 Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells 1989 (Section 7)</p>	
9	Physical protection measures	X	X	X	<p><b>NW:</b> All nuclear materials and facilities are placed under effective physical protection, consistent with the relevant IAEA recommendations, in particular those set out in INFCIRC/225. Atomic Energy Act 1962 and rules, orders, and notifications (Art 30 (2))</p>	X	X	X	<p><b>NW:</b> The Unlawful Activities Prevention Act (UAPA), as amended, Second Schedule of Section 15 (2) (enables prosecution of activities constituting offences under the CPPNM)</p>	

					<p><b>CW:</b> CWC Act 2000, Section 7(2)(m) (State reports that powers of National Authority include physical protection measures)</p> <p><b>BW:</b> The Environment (Protection) Act 1986 The Indian Recombinant DNA Safety Guidelines and Regulations, 1990 Regulations and Guidelines for Recombinant DNA Research and Biocontainment, 2017</p>				<p><b>CW:</b> CWC Act 2000, Chapter V and Sections 40 and 41</p> <p><b>BW:</b> The Environment (Protection) Act 1986, Section 15</p>	
10	Personnel Reliability	X	X	X	<p><b>NW/CW/BW:</b> Official Secrets Act 1923, Article 6 Central Civil Services (CCS) Conduct Rules, 1964</p> <p><b>NW:</b> Atomic Energy Act 1962, Rules made under Atomic Energy Act 1962, Orders and notifications thereunder (Section 14 (3) (f))</p>	X	X	X	<p><b>NW/CW/BW:</b> Official Secrets Act 1923</p>	

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	Department of Atomic Energy Atomic Energy Regulatory Board	
2	Licensing of nuclear installations/entities/ use of materials	Atomic Energy Act 1962, Sections 14, 16 and Rules made under Atomic Energy Act 1962, Orders and notifications thereunder	
3	IAEA Safeguards Agreements	Safeguards Agreement (INFCIRC/754) Additional Protocol July 2014 (INFCIRC/754/Add.6)	
4	IAEA Code of Conduct on Safety and Security of Radioactive Sources	Notification pursuant to GC(47)/RES/7.B IAEA Guidance on the Import and Export of Radioactive Sources - National PoC: Atomic Energy Regulatory Board Radiological Safety Division	
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	
6	IAEA Incident and Trafficking Database	1) State participates in the Database 2) Constituted Inter-Ministerial Counter Nuclear Smuggling Team (CNST) in the Department of Atomic Energy	
7	Integrated Nuclear Security Support Plan (INSSP) / International Physical Protection Advisory Service (IPPAS)	Conducted National Workshop on International Physical Protection Advisory Service (IPPAS) in December 2017.	
8	Applying the physical protection recommendations in INFCIRC/225/Rev.5	State reports that all nuclear materials and facilities are placed under effective physical protection, consistent with the relevant IAEA recommendations, in particular those set out in INFCIRC/225.	

9	Other Agreements related to IAEA	Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency (1988) Convention on Early Notification of a Nuclear Accident (1988) Convention on Nuclear Safety (2005)	
10	National legislation and regulations related to nuclear material including CPPNM	The Unlawful Activities Prevention Act (UAPA), as amended, Second Schedule of Section 15 (2) WMD Act, 2005	

**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	National Authority for Chemical Weapons Convention, Cabinet Secretariat	
2	Licensing/registration of installations/facilities/ persons/entities/use/ handling of related materials	CWC Act 2000, Chapters III, V and VI	
3	Old or abandoned chemical weapons	CWC Act 2000 State reported that it does not have old and abandoned chemical weapons as on date.	

**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	The Environment (Protection) Act 1986 Recombinant DNA Safety Guidelines and Regulations, 1990 Regulations and Guidelines for Recombinant DNA Research and Biocontainment, 2017 Use of pathogenic micro-organism or any genetically engineered organisms or cells for the purpose of research is permitted only in laboratories authorized for the purpose (National Report 1 November 2004)	

**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	
		NW	CW	BW		NW	CW	BW		
1	Border control to detect, deter, prevent and combat illicit trafficking	X	X	X	<b>NW/CW/BW:</b> The Customs Act, 1962	X	X	X	<b>NW/CW/BW:</b> The Customs Act, 1962	
2	Law enforcement to detect, deter, prevent and combat illicit trafficking	X	X	X	<b>NW/CW/BW:</b> The Customs Act, 1962	X	X	X	<b>NW/CW/BW:</b> The Customs Act, 1962	
3	Border control detection measures	X	X	X	<b>NW/CW/BW:</b> The Customs Act, 1962 Customs laboratories are available at ports, airports and other Customs stations at the borders; samples from laboratories could also be referred to other testing facilities.	X	X	X	<b>NW/CW/BW:</b> The Customs Act, 1962 Risk Management System (RMS) in Imports and Exports is operational.	
4	Control of brokering	X	X	X	<b>NW/CW/BW:</b> WMD Act 2005, Section 12 The Customs Act, 1962	X	X	X	<b>NW/CW/BW:</b> WMD Act 2005, Section 17 The Customs Act, 1962	
5	Export control legislation in place	X	X	X	<b>NW/CW/BW:</b> The Customs Act, 1962, including Chapter IV The Arms Act, 1959, Section 10 The Foreign Trade (Development and Regulation) Act, 1992, as amended, Section 3 WMD Act 2005, Sections 11 and 13	X	X	X	<b>NW/CW/BW:</b> The Customs Act, 1962, including Chapter XIV The Arms Act, 1959, Chapter V Legislative provisions are in place under the relevant Acts for initiating quasi-judicial, departmental proceedings on the enforcement side. WMD Act 2005, Sections 17 and 18 The Foreign Trade (Development & Regulation) Act, 1992, as amended	

					<p><b>NW:</b> The Atomic Energy Act, 1962 and Rules, Orders and Notifications thereunder (Section 14). Amendment of Nuclear Transfer Guidelines and SCOMET '0, 3 and 4' Category (28 April 2016) to reflect NSG Part 1 Guidelines and NSG Part 2 Guidelines (INFCIRC/254/Rev.9.Part2/Add.1)</p> <p><b>CW:</b> The CWC Act, 2000 (Section 15)</p> <p><b>BW:</b> The Environment (Protection) Act 1986 Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms and Genetically Engineered Organisms and Cells of 1989</p>				<p><b>NW:</b> Atomic Energy Act 1962, Section 24 and Rules, Orders, and Notifications thereunder</p> <p><b>CW:</b> The CWC Act, 2000 (Chapter VI)</p> <p><b>BW:</b> The Environment Protection Act, Section 15</p>	
6	Licensing provisions and Authority	X	X	X	<p><b>NW/CW/BW:</b> The Foreign Trade (Development and Regulation) Act, 1992, as amended Foreign Trade Policy, 2015-2020, Chapter 2 Handbook of Procedures 2015-20, including Para 2.73 (Application for SCOMET Authorisation) WMD Act, 2005, Section 7(2)</p> <p><b>NW:</b> The Atomic Energy Act, 1962 (Section 14) and Rules, Orders and Notifications thereunder. The Foreign Trade (Development and Regulation) Act, 1992, as amended, Category 0, 3 &amp; 4 of Appendix 3 (SCOMET List) to Directorate General of Foreign Trade Notification No. 5/2015-2020 24 April 2017).</p> <p><b>CW:</b> The Foreign Trade (Development and Regulation) Act, 1992, as amended, Category 1 of Appendix 3 (SCOMET List) to Directorate</p>	X	X	X	<p><b>NW/CW/BW:</b> The Foreign Trade (Development and Regulation) Act, 1992, as amended in August 2010 Chapter 3 WMD Act, 2005, Sections 17 and 18 The Customs Act, 1962 (Chapters XIV, XVI)</p> <p><b>NW:</b> Atomic Energy Act, 1962 and Rules, Orders and Notifications thereunder. Department of Atomic Energy (DAE) is the licensing authority for Category 0 of SCOMET. Directorate General of Foreign Trade (DGFT) is the licensing Authority for Category 3 &amp; 4 of SCOMET.</p> <p><b>CW/BW:</b> The Environment Protection Act, Section 15</p>	

				<p>General of Foreign Trade Notification No. 5/2015-2020 24 April 2017)</p> <p><b>BW:</b> The Foreign Trade (Development and Regulation) Act, 1992, as amended, Category 2 of Appendix 3 (SCOMET List) to Directorate General of Foreign Trade Notification No. 5/2015-2020 24 April 2017)</p>			<p>Directorate General of Foreign Trade (DGFT) is the licensing Authority for Category 1 &amp; 2 of SCOMET. Directorate General of Foreign Trade (DGFT) Legislative provisions are in place under the relevant Acts for initiating quasi-judicial and departmental proceedings on the enforcement side.</p>			
7	Control lists of materials, equipment and technology	X	X	X	<p><b>NW/CW/BW:</b> The Foreign Trade (Development and Regulation) Act, 1992, as amended, including Chapters II and IVA Handbook of Procedures 2015-20, Para 2.74 (I) f Appendix 3 of Schedule 2 of Indian Trade Clarification based on Harmonized System of Coding [ITC (HS)] Classification Special Chemicals, Organisms, Materials, Equipment and Technologies (SCOMET List, includes Technologies) WMD Act, 2005, Sections 5, 13 (1) &amp; (2) WMD Implementation Rules, 2016, Section 18</p> <p><b>NW:</b> The Atomic Energy Act, 1962 and Rules, Orders and Notifications thereunder (Section 14). Amendment of Nuclear Transfer Guidelines and SCOMET '0, 3 and 4' Category (28 April 2016) to reflect NSG Part 1 Guidelines and NSG Part 2 Guidelines (INFCIRC/254/Rev.9.Part2/Add.1)</p>	X	X	X	<p><b>NW/CW/BW:</b> Appendix 3 of Schedule 2 of Indian Trade Clarification based on Harmonized System of Coding [ITC (HS)] Classification: SCOMET Regulations related to SCOMET are administered by an Inter-Ministerial Working Group chaired by the Directorate General of Foreign Trade. WMD Act, 2005, Section 17 Foreign Trade (Development &amp; Regulation) Act, 1992, as amended The Customs Act, 1962</p>	
8	Intangible technology transfers	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 13 (2) The Foreign Trade (Development and Regulation) Act, 1992 as amended, Section 14A and B</p>	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 17 The Foreign Trade (Development and Regulation) Act, 1992 as amended, Section 14E</p>	

					<b>NW:</b> Atomic Energy Act, 1962 (Sections 3(c), 18, 20)				
9	Inclusion of means of delivery	X	X	X	<b>NW/CW/BW:</b> WMD Act, 2005, Sections 8 (1), 8 (3), 8(5) & 11 Indian Tariff Classification, Schedule 2, Appendix 3 of Schedule 2 of Indian Trade Clarification based on Harmonized System of Coding [ITC (HS)] Classification: SCOMET List (including Category 5) The Foreign Trade (Development & Regulation) Act, 1992, as amended, Section 14C	X	X	X	<b>NW/CW/BW:</b> WMD Act, 2005, Sections 14 and 17 Foreign Trade (Development & Regulation) Act, 1992, as amended, Section 14E
10	End-user controls	X	X	X	<b>NW/CW/BW:</b> WMD Act, 2005, Sections 11 and 13 The Foreign Trade (Development and Regulation) Act, 1992, as amended, including Chapter IVA Handbook of Procedures 2015-20, including Para 2.74 SCOMET authorizations require end-user certification	X	X	X	<b>NW/CW/BW:</b> WMD Act, 2005, Section 17 SCOMET authorizations require end-user certification
11	Catch all clause	X	X	X	<b>NW/CW/BW:</b> WMD Act, 2005, Sections 11 and 13(4) The Foreign Trade (Development and Regulation) Act, 1992, as amended, Section 14C Handbook of Procedures 2015-20, Para 2.72 (b) Unlawful Activities (Prevention) Act 1967, as amended, Section 15 (State reports that Section 15 addresses “catch all clause”) The National Investigation Agency Act, 2008  <b>NW:</b> Atomic Energy Act, 1962 and Rules, Orders and Notifications thereunder (Section 14); Control over production, acquisition, possession, disposal, export, import, and use of Atomic Energy through License.	X	X	X	<b>NW/CW/BW:</b> WMD Act, 2005, Sections 16 and 17 The Foreign Trade (Development and Regulation) Act, 1992, as amended, Section 14E Unlawful Activities (Prevention) Act 1967, as amended, Sections 16-18, 23 The National Investigation Agency Act, 2008

12	Transit control	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 13(1)</p> <p>The Foreign Trade (Development and Regulation) Act, 1992, as amended, Chapter IVA The Customs Act, 1962</p>	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 17 Foreign Trade (Development &amp; Regulation) Act, 1992, as amended, Chapter IVA The Customs Act, 1962</p> <p><b>NW:</b> Atomic Energy Act, 1962 and Rules, Orders and Notifications thereunder</p>
13	Trans-shipment control	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Sections 13(1) and (3) The Foreign Trade (Development and Regulation) Act, 1992, as amended, Chapter IVA The Customs Act, 1962</p>	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 17 Foreign Trade (Development &amp; Regulation) Act, 1992, as amended, Chapter IVA The Customs Act, 1962</p> <p><b>NW:</b> Atomic Energy Act, 1962 and Rules, Orders and Notifications thereunder</p>
14	Re-export control	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Sections 13(1) and (3) The Foreign Trade (Development and Regulation) Act, 1992, as amended, Chapter IVA The Customs Act, 1962</p>	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 17 Foreign Trade (Development &amp; Regulation) Act, 1992, as amended, Chapter IVA The Customs Act, 1962</p> <p><b>NW:</b> Atomic Energy Act, 1962 and Rules, Orders and Notifications thereunder</p>
15	Control over financing of exports/transshipments that would contribute to proliferation	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 12 (prohibition on knowingly facilitating any transaction which is prohibited or regulated under the Act) Prevention of Money Laundering Act, 2002 Foreign Exchange Management Act, 1999</p>	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 17 Prevention of Money Laundering Act, 2002 Foreign Exchange Management Act, 1999</p>
16	Control over services related to exports/transshipments that would contribute to	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 12 (prohibition on knowingly facilitating any transaction which is prohibited or regulated under the Act)</p>	X	X	X	<p><b>NW/CW/BW:</b> WMD Act, 2005, Section 17 Prevention of Money Laundering Act, 2002</p>

	proliferation including transportation				Prevention of Money Laundering Act, 2002 Foreign Exchange Management Act, 1999				Foreign Exchange Management Act, 1999	
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## VIII. OP 7 and 8 (d) - Assistance, Work with and inform Industry and Public, and other Information

1	Assistance offered	<p>Has conducted a training course under the IAEA aegis on physical protection of nuclear installations and is willing to offer its expertise to regularly conduct similar training courses in the future and as a regional training centre.</p> <p>State reports that it is ready to share expertise for destroying stockpiles of chemical weapons.</p> <p>State also reports that it possesses requisite technical expertise in the following areas:</p> <ol style="list-style-type: none"> <li>a) Legislation for implementing export controls/strategic trade controls;</li> <li>b) Export control/strategic trade control licensing in an inter-agency setting covering dual-use, nuclear and radiological items, chemical and biological items, as well as conventional arms, relevant weapons of mass destruction;</li> <li>c) Maintenance and review of export control lists;</li> <li>d) Legislation and implementing obligations under the Chemical Weapons Convention and the Convention on the Prohibition of the Development, Production, and Stockpiling of Bacteriological (Biological) and Toxin Weapons and on their Destruction (Biological and Toxin Weapons Convention);</li> <li>e) A national authority for implementing the obligations under the Chemical Weapons Convention (such as declarations and inspections);</li> <li>f) The Board of Radiation and Isotope Technology, an agency that provides products and services based on radiation and isotopes and promotes related radiological safety aspects;</li> <li>g) Nuclear safety and security culture;</li> <li>h) The Global Centre for Nuclear Energy Partnership, a centre of excellence aimed at conducting research, design and development of nuclear systems; organising training seminars, lectures and workshops on topical issues by Indian and international experts; and promoting global nuclear energy partnership through collaborative research and training programmes;</li> <li>i) Training for Customs officers through the World Customs Organisation (WCO) accredited Centre of Excellence in the National Academy of Customs, Indirect taxes and Narcotics (NACIN) near New Delhi.</li> </ol> <p>The State provided mentoring to Afghanistan under the Mentorship Programme of the OPCW. First visit of Afghanistan representatives took place from 29 April – 3 May 2019, to share the State's experience of national implementation under Article VII of the CWC.</p>
2	Assistance Point of Contact (for assistance providers only)	<p>Ms. Muanpuii Saiawi (Director, Disarmament &amp; International Security Affairs Division, Ministry of External Affairs), Tel: +91-11-23010308 Fax: +91-11-23017162 E-mail: <a href="mailto:dirdisa@mea.gov.in">dirdisa@mea.gov.in</a></p> <p>Mr. A Amarnath (Counsellor, Permanent Mission of India to the United Nations), Tel: 212-490-9676 Fax: 212-490-9656 Email: <a href="mailto:indiafundny.newyorkpmi@mea.gov.in">indiafundny.newyorkpmi@mea.gov.in</a></p>

3	Assistance requested	
4	Action taken to work with and inform industry	<p>The Ministry of External Affairs, together with its Governmental partners, especially the DGFT, and industry partners, has been engaged in outreach to Indian industry as an integral part of implementation of export control system. These include the annual National Conference on Export Controls and sector-specific outreach programmes periodically, which has seen active participation from IT, communications, electronics, aerospace, defence, chemicals, nuclear and biotechnology sectors.</p> <p>The State reports that industry outreach (“Niryat Bandhu”) of DGFT is an important area not only to enhance understanding about export controls among producers and exporters of controlled items, but also to share the best practices in internal control systems for due diligence at the level of companies.</p> <p>The National Authority for Chemical Weapons Convention (NACWC) and the Department of Chemicals and Petrochemicals routinely conduct seminars among the chemical units in the country to generate awareness about the CWC.</p> <p>Relevant government agencies interact with industry to increase awareness regarding the BWC.</p> <p>An outreach programme titled 'Export Controls and Trade in Nuclear Related Items, Materials and Technology' was organized for the Nuclear sector by the Department of Atomic Energy in January 2020, in collaboration with the Ministry of External Affairs, DGFT and Industry Chamber. DGFT along with other Departments of the Government routinely conduct outreach seminars to increase awareness among the exporter community. These may be region-wise or sector-specific and may include open house meetings.</p> <p>The authorities conduct Outreach Programmes on the SCOMET Export Control System, in line with Para 2.77 of the Handbook of Procedures of Foreign Trade Policy 2015-2020.</p> <p>The Ministry of External Affairs hosted the “India-Wiesbaden Conference 2018” on 16-18 April 2018, titled “Securing Global Supply Chains through Government-Industry Partnerships toward Effective Implementation of UNSC Resolution 1540”.</p>
5	Action taken to work with and inform the public	<p>Dissemination of information about existing rules and regulations and any changes therein is also done through electronic means.</p> <p>Dissemination of information on CWC obligations is also done through public notice in leading national newspapers and chemical journals.</p>
6	Point of Contact	<p>Ms. Muanpuii Saiawi (Director, Disarmament &amp; International Security Affairs Division, Ministry of External Affairs), Tel: +91-11-23010308 Fax: +91-11-23017162 E-mail: <a href="mailto:dirdisa@mea.gov.in">dirdisa@mea.gov.in</a></p> <p>Mr. A Amarnath (Counsellor, Permanent Mission of India to the United Nations), Tel: 212-490-9676 Fax: 212-490-9656 Email: <a href="mailto:indiafundny.newyorkpmi@mea.gov.in">indiafundny.newyorkpmi@mea.gov.in</a></p>
7	Voluntary National Implementation Action Plan (NAP)	
8	1540 Committee visits to States	