

## **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 Singapore</b>
<b>Date of Report:</b>	<b>21 October 2004</b>
<b>Dates of Additional Reports:</b>	<b>29 August 2005</b> <b>28 May 2013</b> <b>2 July 2019</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 10 March 1976	
2	Nuclear Weapons Free Zone/ Protocol(s)	Treaty on the Southeast Asia Nuclear Weapons-Free Zone (Bangkok Treaty): Deposit 27 March 1997	
3	International Convention for the Suppression of Acts of Nuclear Terrorism	Deposit 2 August 2017	
4	Convention on Physical Protection of Nuclear Material (CPPNM)	Deposit 22 September 2014	
5	2005 Amendment to the CPPNM	Deposit 22 October 2014	
6	Comprehensive Nuclear-Test-Ban Treaty (CTBT) (not in force)	Deposit 10 November 2001	
7	Chemical Weapons Convention (CWC)	Deposit 21 May 1997	
8	Biological Weapons Convention (BWC)	Deposit 2 December 1975	
9	Geneva Protocol of 1925		
10	1997 International Convention for the Suppression of Terrorist Bombings	Deposit 31 December 2007	

11	1999 International Convention for the Suppression of the Financing of Terrorism	Deposit 30 December 2002	
12	2005 Protocol to the Convention for the suppression of unlawful acts against the safety of maritime navigation		
13	2005 Protocol to the Protocol for the suppression of unlawful acts against the safety of fixed platforms located on the continental shelf		
14	2010 Convention on the Suppression of Unlawful Acts Relating to International Civil Aviation		
15	Other relevant regional legally binding instruments		
16	International Atomic Energy Agency (IAEA)	Member since 5 January 1967	
17	Directly relevant Arrangements	Proliferation Security Initiative (PSI) Global Initiative to Combat Nuclear Terrorism (GICNT) Container Security Initiative (CSI) Radiation Detection Initiative (RDI)	
18	Statement on non-provision of WMD and related materials to non-State actors		
19	Membership in relevant international, regional or sub-regional organisations	<u>International:</u> World Customs Organisation (WCO) and its Framework of Standards to Secure and Facilitate Global Trade (SAFE) Programme INTERPOL World Health Organization (WHO) World Organisation for Animal Health (OIE) International Maritime Organization (IMO) Financial Action Task Force (FATF)	

		<u>Regional:</u> The ASEAN Regional Forum (ARF) Asia-Pacific Economic Cooperation (APEC) Asia/Pacific Group on Money Laundering (APG)	
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## II. OP 2 - Nuclear Weapons (NW), Chemical Weapons (CW) and Biological Weapons (BW)

National legislation which prohibits persons or entities to engage in one of the following activities and its enforcement		National legal framework				Enforcement and civil/criminal penalties			Remarks	
		X / ?			Source document of national implementation law	X / ?				Source document
		N W	C W	B W		N W	C W	B W		
1	manufacture	X	X	X	<p><b>NW:</b> Radiation Protection Act, Section 5 Terrorism (Suppression of Misuse of Radioactive Material) Act 2017, Section 5</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8 and 9 Chemical Weapons (Prohibition) Regulations 2007, Regulations 10 and 11 Arms and Explosives Act, Sections 11 and 13 (provides powers for the Minister to prohibit or subject to conditions the manufacture of any poisonous gas or noxious substance) and 13 (provision only applies to arms as defined in the Act insofar as such arms contain chemicals to be used as weapons) Arms and Explosives (Arms) Rules, Rule 13</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 5, 7, 16 and 23</p>	X	X	X	<p><b>NW:</b> Radiation Protection Act, Sections 5, 15 and 16, Parts VIII and IX, and Sections 37, 40 and 40A Terrorism (Suppression of Misuse of Radioactive Material) Act 2017, Section 5</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8-10, Parts IV and V, and Sections 27, 28 and 30 Chemical Weapons (Prohibition) Regulations 2007, Part II, and Regulations 10, 11 and 12 Arms and Explosives Act, Sections 11, 13 and Part V, Sections 42, 43 and 44A Arms and Explosives (Arms) Rules, Rules 15-18, 20, 23 and 25</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 5, 7, 16 and 23, and Part VII</p>	
2	acquire	X	X	X	<p><b>NW:</b> Radiation Protection Act, Sections 5 and 26B</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8 and 9</p>	X	X	X	<p><b>NW:</b> Radiation Protection Act, Sections 5, 15 and 16, Part VIII, Sections 26B and 26E, Part IX, and Sections 37, 40 and 40A</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8-10, Parts IV and V, and Sections 27, 28 and</p>	

				<p>Chemical Weapons (Prohibition) Regulations 2007, Regulation 11 Arms and Explosives Act, Sections 11, 13 and 16 Arms and Explosives (Arms) Rules, Rule 21</p> <p><b>BW:</b> Biological Agents and Toxins Act, Section 5</p>			<p>30 Chemical Weapons (Prohibition) Regulations 2007, Regulations 11 and 12 Arms and Explosives Act, Sections 13 and 16, Part V, and Sections 42, 43 and 44A Arms and Explosives (Arms) Rules, Rule 23 and 25</p> <p><b>BW:</b> Biological Agents and Toxins Act, Section 5 and Part VII</p>			
3	possess	X	X	X	<p><b>NW:</b> Radiation Protection Act, Sections 5 and 26B Terrorism (Suppression of Misuse of Radioactive Material) Act 2017, Section 4</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8 and 9 Chemical Weapons (Prohibition) Regulations 2007, Regulation 11 Arms and Explosives Act, Sections 11 and 13 Arms Offences Act, Section 3 (provision only applies to arms as defined in the Act insofar as such arms contain chemicals to be used as weapons)</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 5, 6, 10, 15 and 19</p>	X	X	X	<p><b>NW:</b> Radiation Protection Act, Sections 5, 15 and 16, Part VIII, Sections 26B and 26E, Part IX, and Sections 37, 40 and 40A Terrorism (Suppression of Misuse of Radioactive Material) Act 2017, Section 4</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8-10, Parts IV and V, and Sections 27, 28 and 30 Chemical Weapons (Prohibition) Regulations 2007, Regulations 11 and 12 Arms and Explosives Act, Sections 11 and 13, Part V, and Sections 42, 43 and 44A Arms Offences Act, Section 3</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 5, 6, 10, 15 and 19, and Part VII</p>	
4	develop		X	X	<p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8 and 9 Chemical Weapons (Prohibition) Regulations 2007, Regulation 11</p>		X	X	<p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8-10, Parts IV and V, and Sections 27, 28 and 30 Chemical Weapons (Prohibition) Regulations 2007, Regulations 11 and 12</p>	

					<b>BW:</b> Biological Agents and Toxins Act, Section 5				<b>BW:</b> Biological Agents and Toxins Act, Section 5 and Part VII	
5	transport	X	X	X	<b>NW:</b> Radiation Protection Act, Section 5 Radiation Protection (Transport of Radioactive Materials) Regulations  <b>CW:</b> Arms and Explosives Act, Section 46 (provides powers for the Minister to make rules on poisonous or noxious gases or substances) Arms and Explosives (Movement Control) Rules  <b>BW:</b> Biological Agents and Toxins Act, Sections 13, 22, 24, 26, 29, 37 and 47	X	X	X	<b>NW:</b> Radiation Protection Act, Sections 5, 15 and 16, Parts VIII and IX, and Sections 37, 40 and 40A Radiation Protection (Transport of Radioactive Materials) Regulations, Regulation 66  <b>CW:</b> Arms and Explosives Act, Section 46 Arms and Explosives (Movement Control) Rules, Rules 6-9  <b>BW:</b> Biological Agents and Toxins Act, Sections 13, 22, 24, 26, 29, 37 and 49, and Part VII	
6	transfer	X	X	X	<b>NW/CW/BW:</b> Strategic Goods (Control) Act, Section 5  <b>NW:</b> Radiation Protection Act, Section 26B  <b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8 and 9  <b>BW:</b> Biological Agents and Toxins Act, Sections 5, 11, 20 and 21	X	X	X	<b>NW/CW/BW:</b> Strategic Goods (Control) Act, Section 5, 9, 10, 11, Part IV, Sections 27-29 and 30-32  <b>NW:</b> Radiation Protection Act, Sections 15, 16, Part VIII, Sections 26B and 26E, Part IX, and Sections 37, 40 and 40A  <b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8-10, Parts IV and V, and Sections 27, 28 and 30 Chemical Weapons (Prohibition) Regulations 2007, Regulation 11  <b>BW:</b> Biological Agents and Toxins Act, Sections 5, 11 and 20-21, and Parts VI and VII	

7	use	X	X	X	<p><b>NW/CW/BW:</b> Terrorism (Suppression of Bombings) Act, Section 3</p> <p><b>NW:</b> Radiation Protection Act, Sections 5 and 26B</p> <p>Terrorism (Suppression of Misuse of Radioactive Material) Act 2017, Section 6</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8 and 9</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 5, and 14</p>	X	X	X	<p><b>NW/CW/BW:</b> Terrorism (Suppression of Bombings) Act, Section 3</p> <p><b>NW:</b> Radiation Protection Act, Sections 5 and 15-16, Part VIII, Sections 26B and 26E, Part IX, and Sections 37, 40 and 40A</p> <p>Terrorism (Suppression of Misuse of Radioactive Material) Act 2017, Section 6</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8-10, Parts IV and V, and Sections 27, 28 and 30</p> <p>Chemical Weapons (Prohibition) Regulations 2007, Regulation 11</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 5 and 14, and Part VII</p>	
8	attempt to engage in abovementioned activities	X	X	X	<p><b>NW/CW/BW:</b> Penal Code, Section 511</p> <p>Terrorism (Suppression of Bombings) Act, Section 2 (definition of “terrorist bombing offence” and “explosive or other lethal device”)</p> <p><b>NW:</b> Radiation Protection Act, Section 2 (definition of “nuclear offence”)</p> <p>Terrorism (Suppression of Misuse of Radioactive Material) Act 2017, Section 10</p> <p><b>CW:</b> Arms and Explosives Act, Section 38</p>	X	X	X	<p><b>NW/CW/BW:</b> Penal Code, Section 512</p> <p>Terrorism (Suppression of Bombings) Act, Section 3</p> <p><b>NW:</b> Radiation Protection Act, Sections 5, 15 and 16, Parts VIII and IX, and Sections 37, 40 and 40A</p> <p>Terrorism (Suppression of Misuse of Radioactive Material) Act 2017, Section 10</p> <p><b>CW:</b> Arms and Explosives Act, Section 38, Part V, Sections 42, 43 and 44A</p>	



9	participate as an accomplice in abovementioned activities	X	X	X	<p><b>NW/CW/BW:</b> Penal Code, Section 37 and Chapter V Terrorism (Suppression of Bombings) Act, Section 2 (definition of “terrorist bombing offence” and “explosive or other lethal device”)</p> <p><b>NW:</b> Radiation Protection Act, Section 2 (definition of “nuclear offence”) Terrorism (Suppression of Misuse of Radioactive Material) Act 2017, Section 2 (definition of “nuclear terrorism offence”)</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Section 8 Arms and Explosives Act, Section 3</p>	X	X	X	<p><b>NW/CW/BW:</b> Penal Code, Section 37 and Chapter V Terrorism (Suppression of Bombings) Act, Section 3</p> <p><b>NW:</b> Radiation Protection Act, Sections 5, 15 and 16, Parts VIII and IX, and Sections 37, 40 and 40A Terrorism (Suppression of Misuse of Radioactive Material) Act 2017, Sections 4-6</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8-10, Parts IV and V, and Sections 27, 28 and 30 Arms and Explosives Act, Part V and Sections 38, 42, 43 and 44A</p>	
10	assist in abovementioned activities	X	X	X	<p><b>NW/CW/BW:</b> Penal Code, Section 37 and Chapter V Terrorism (Suppression of Bombings) Act, Section 2 (definition of “terrorist bombing offence” and “explosive or other lethal device”)</p> <p><b>NW:</b> Radiation Protection Act, Section 2 (definition of “nuclear offence”) Terrorism (Suppression of Misuse of Radioactive Material) Act 2017, Section 2 (definition of “nuclear terrorism offence”)</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Section 8 Arms and Explosives Act, Section 38</p>	X	X	X	<p><b>NW/CW/BW:</b> Penal Code, Section 37 and Chapter V Terrorism (Suppression of Bombings) Act, Section 3</p> <p><b>NW:</b> Radiation Protection Act, Sections 5, 15 and 16, Parts VIII and IX, and Sections 37, 40 and 40A Terrorism (Suppression of Misuse of Radioactive Material) Act 2017, Sections 4-6</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8 and 10, Parts IV and V, and Sections 27, 28 and 30 Arms and Explosives Act, Part V and Sections 38, 42, 43 and 44A</p>	

11	finance abovementioned activities	X	X	X	<b>NW/CW/BW:</b> Terrorism (Suppression of Financing) Act, Sections 2-7 Monetary Authority of Singapore Act, Section 27A, Part VC and its subsidiary legislation	X	X	X	<b>NW/CW/BW:</b> Terrorism (Suppression of Financing) Act, Sections 6 and 6A, and Parts III and IV Monetary Authority of Singapore Act, Part VC and its subsidiary legislation Suspicious Transaction Reporting Office (STRO)
12	abovementioned activities related to means of delivery <sup>1</sup>	X	X	X	<b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 5 and 6 Terrorism (Suppression of Bombings) Act, Section 3 (definition of “explosive or other lethal device” covers means of delivery)  <b>CW:</b> Chemical Weapons (Prohibition) Act, Section 8 read with Section 2 (definition of “chemical weapon”)	X	X	X	<b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 5, 6, 9- 11, Part IV, and Sections 27-32 Terrorism (Suppression of Bombings) Act, Section 3  <b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8 and 10, Parts IV and V, and Sections 27, 28 and 30

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	X	<p><b>NW:</b> INFCIRC/259 Radiation Protection Act, Sections 5, 7, 8, 15 and 16 Radiation Protection (Ionising Radiation) Regulations, Regulation 4</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8, 9, 12 and 13 Chemical Weapons (Prohibition) Regulations 2007, Regulations 2, 10, 11 and 12 Arms and Explosives Act, Section 13 Arms and Explosives (Arms) Rules, Rules 13-18</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 5, 7, 16, 23 and 44</p>	X	X	X	<p><b>NW:</b> Radiation Protection Act, Sections 5, 15 and 16, Parts VIII and IX, and Sections 37, 40 and 40A Radiation Protection (Ionising Radiation) Regulations, Regulation 56</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8-10, Parts IV and V, and Sections 27, 28 and 30 Chemical Weapons (Prohibition) Regulations 2007, Part II, and Regulations 10-13 Arms and Explosives Act, Sections 13, 24-26, Part V, Sections 42, 43 and 44A Arms and Explosives (Arms) Rules, Rules 20 and 25</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 5, 7, 16, 23 and 45, and Part VII</p>	
2	Measures to account for use	X	X	X	<p><b>NW:</b> INFCIRC/259 Radiation Protection Act, Sections 5, 7, 8, 15, 16 and 26B Radiation Protection (Ionising Radiation) Regulations, Regulation 4</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8, 9, 12 and 13</p>	X	X	X	<p><b>NW:</b> Radiation Protection Act, Sections 5, 15 and 16, Parts VIII and IX, and Sections 26B, 26H, 37, 40 and 40A Radiation Protection (Ionising Radiation) Regulations, Regulation 56</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8-10, Parts IV and V, and Sections 27, 28 and 30</p>	

				<p>Chemical Weapons (Prohibition) Regulations 2007, Regulations 2, 10-12</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 5, 14, and 44</p>			<p>Chemical Weapons (Prohibition) Regulations 2007, Part II, and Regulations 10-13</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 5, 14 and 45, and Part VII</p>			
3	Measures to account for storage	X	X	X	<p><b>NW:</b> INFCIRC/259 Radiation Protection Act, Sections 5, 7, 8, 15 and 16 Radiation Protection (Ionising Radiation) Regulations, Regulations 4, 24-29</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8, 9, 12 and 13 Chemical Weapons (Prohibition) Regulations 2007, Regulations 2, 11 and 12</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 5, 19, 41 and 44</p>	X	X	X	<p><b>NW:</b> Radiation Protection Act, Sections 5, 15 and 16, Parts VIII and IX, and Sections 37, 40 and 40A Radiation Protection (Ionising Radiation) Regulations, Regulation 56</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8-10 and 14, Part V, and Sections 27, 28 and 30 Chemical Weapons (Prohibition) Regulations 2007, Part II, and Regulation 12</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 5, 19 and 45, and Part VII</p>	
4	Measures to account for transport	X		X	<p><b>NW:</b> Radiation Protection Act, Sections 5, 7, 8, 15 and 16 Radiation Protection (Ionising Radiation) Regulations, Regulations 4, 26-29 Radiation Protection (Transport of Radioactive Materials) Regulations Merchant Shipping (Safety Convention) Regulations, Chapter VII (Part D) and Chapter VIII</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 46-48</p>	X		X	<p><b>NW:</b> Radiation Protection Act, Sections 5, 15 and 16 Parts VIII and IX, and Sections 37, 40 and 40A Radiation Protection (Ionising Radiation) Regulations, Regulation 56 Radiation Protection (Transport of Radioactive Materials) Regulations, Regulation 66 Merchant Shipping (Safety Convention) Regulations, Chapter I (Part D)</p> <p><b>BW:</b> Biological Agents and Toxins Act, Section 49 and Part VII</p>	
5	Measures to secure production			X	<p><b>BW:</b> Biological Agents and Toxins Act, Part V, Division 1</p>			X	<p><b>BW:</b> Biological Agents and Toxins Act, Section 45 and Part VII</p>	

6	Measures to secure use	X		X	<p><b>NW:</b> Radiation Protection (Ionising Radiation) Regulations, Regulations 30-48 and 54</p> <p><b>BW:</b> Biological Agents and Toxins Act, Part V, Division 1</p>	X		X	<p><b>NW:</b> Radiation Protection (Ionising Radiation) Regulations, Regulation 56</p> <p><b>BW:</b> Biological Agents and Toxins Act, Section 45 and Part VII</p>	
7	Measures to secure storage	X	X	X	<p><b>NW:</b> Radiation Protection (Ionising Radiation) Regulations, Regulations 24-29</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Section 9 (Measures to secure storage is contained in the Terms &amp; Conditions of a licence issued under this section)</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 10, 19, and Part V, Division 1</p>	X	X	X	<p><b>NW:</b> Radiation Protection (Ionising Radiation) Regulations, Regulation 56</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Section 9 and 10, Parts IV and V, and Sections 27, 28 and 30</p> <p><b>BW:</b> Biological Agents and Toxins Act, Section 10, 19 and 45, and Part VII</p>	
8	Measures to secure transport	X		X	<p><b>NW:</b> Radiation Protection (Ionising Radiation) Regulations, Regulations 26-29 Radiation Protection (Transport of Radioactive Materials) Regulations</p> <p><b>BW:</b> Biological Agents and Toxins Act, Part V, Division 2</p>	X		X	<p><b>NW:</b> Radiation Protection (Ionising Radiation) Regulations, Regulation 56 Radiation Protection (Transport of Radioactive Materials) Regulations, Regulation 66</p> <p><b>BW:</b> Biological Agents and Toxins Act, Section 49 and Part VII</p>	
9	Physical protection measures	X		X	<p><b>NW:</b> Radiation Protection (Ionising Radiation) Regulations, Regulations 40-48</p> <p><b>BW:</b> Biological Agents and Toxins Act, Section 40</p>	X		X	<p><b>NW:</b> Radiation Protection (Ionising Radiation) Regulations, Regulation 56</p> <p><b>BW:</b> Biological Agents and Toxins Act, Section 45 and Part VII</p>	

10	Personnel Reliability									
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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	National Environment Agency, see Radiation Protection Act, Sections 2-4	
2	Licensing of nuclear installations/entities/ use of materials	Radiation Protection Act, Sections 5-8 Radiation Protection (Ionising Radiation) Regulations, Regulations 4 and 56	
3	IAEA Safeguards Agreements	INFCIRC/259, 18 October 1977 INFCIRC/259/Corr.1 INFCIRC/259/Add.1, 31 March 2008 INFCIRC/259/Mod.1 SQP amended 31 March 2008	
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		
6	IAEA Incident and Trafficking Database	Participates (since 2012)	
7	Integrated Nuclear Security Support Plan (INSSP) / International	IPPAS mission in 2009	

	Physical Protection Advisory Service (IPPAS)		
8	Applying the physical protection recommendations in INFCIRC/225/Rev.5		
9	Other Agreements related to IAEA	<p>Convention on Nuclear Safety</p> <p>Convention on Early Notification of a Nuclear Accident</p> <p>Convention on Assistance in the case of a Nuclear Accident or Radiological Emergency</p> <p>Regional Co-operative Agreement for Research, Development and Training Related to Nuclear Science and Technology, 2017</p>	
10	National legislation and regulations related to nuclear material including CPPNM	Radiation Protection Act, 2007	



**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	Singapore Customs, see Chemical Weapons (Prohibition) Act, Section 6	
2	Licensing/registration of installations/facilities/ persons/entities/use/ handling of related materials	Chemical Weapons (Prohibition) Act, Section 9	
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	Biological Agents and Toxins Act, Sections 50, 51 Biological Agents and Toxins Act, Sections 38-41: biosafety committees and biosafety coordinators	

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

	Border controls and export and trans-shipment controls to prevent the proliferation of nuclear, chemical and biological weapons and their means of delivery including related materials	National legal framework						Enforcement and civil/criminal penalties						Remarks
		X / ?			Source document	X / ?			Source document					
		N W	C W	B W		N W	C W	B W						
1	Border control to detect, deter, prevent and combat illicit trafficking	X	X	X	<p><b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 5, 14-16 and 18</p> <p><b>NW:</b> Radiation Protection Act, Section 5</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8 and 9 Arms and Explosives Act, Section 13 Arms Offences Act, Section 6</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 17, 25, 28 and 32 Control of Plants Act</p>	X	X	X	<p><b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 5, 10 and 11, Part IV, and Sections 27-32 Strategic Goods (Control) Regulations, Regulations 22 and 23</p> <p><b>NW:</b> Radiation Protection Act, Sections 5, 15 and 16, Parts VIII and IX, and Sections 37, 40 and 40A</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8-10, Parts IV and V, and Sections 27, 28 and 30 Arms and Explosives Act, Sections 9 and 13, Part V, and Sections 42, 43 and 44A Arms Offences Act, Section 6</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 17, 25, 28 and 32, and Part VII</p>					
2	Law enforcement to detect, deter, prevent and combat illicit trafficking	X	X	X	<p><b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 10 and 11, Part IV, and Sections 27-32</p>	X	X	X	<p><b>NW/CW/BW:</b> Singapore Customs Singapore Police Force National Environment Agency Maritime and Port Authority</p>					

				<p><b>NW:</b> Radiation Protection Act, Part VIII, Part IX, and Sections 37, 40 and 40A</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Section 10, Parts IV and V, and Sections 27, 28 and 30 Arms and Explosives Act, Part V, and Sections 42, 43 and 44A.</p> <p><b>BW:</b> Biological Agents and Toxins Act, Part VII</p>					
3	Border control detection measures	X	X	X	<p><b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 14-16 and 18</p> <p><b>NW:</b> Radiation Protection Act, Part VIII</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Part V and Section 27 Arms and Explosives Act, Section 29</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 52 and 54</p>	X	X	X	<p><b>NW/CW/BW:</b> Container Security Initiative (CSI); Vehicle and Cargo Inspection System; Radiographic Scanners TradeNet System As of 15 April 2020, 122 Port Facilities in Singapore are compliant with the International Ship and Port Facility Security (ISPS) code</p>
4	Control of brokering	X	X	X	<p><b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 6-8 and 10 Strategic Goods (Control) Regulations Strategic Goods (Control) (Brokering) Order</p>	X	X	X	<p><b>NW/BW/CW:</b> Strategic Goods (Control) Act, Sections 6 and 9-11, Part IV, and Sections 27-32 Strategic Goods (Control) Regulations, Regulations 22 and 23</p>
5	Export control legislation in place	X	X	X	<p><b>NW/CW/BW:</b> Strategic Goods (Control) Act</p>	X	X	X	<p><b>NW/CW/BW:</b> The Regulation of Imports and Exports Act</p>

				<p>Strategic Goods (Control) Regulations  Strategic Goods (Control) Order  Strategic Goods (Control) (Brokering) Order  Regulation of Imports and Exports Act  Regulation of Imports and Exports Regulations</p> <p><b>NW:</b>  Radiation Protection Act, Section 5</p> <p><b>CW:</b>  Chemical Weapons (Prohibition) Act, Sections 8 and 9  Arms and Explosives Act, Section 13</p>				<p>(RIEA) forms the basis of the general framework of Singapore’s trade control measures. The RIEA regulates the movement of all goods in and out of Singapore. In addition, several other legislations such as the Radiation Protection Act, Chemical Weapons (Prohibition) Act, and Arms and Explosives Act support the RIEA to ensure a robust trade control regime in Singapore.</p> <p>To keep pace with international developments, the Strategic Goods (Control) Act was enacted in 2003 to enhance the domestic legislative framework to prevent the proliferation of Weapons of Mass Destruction (WMDs).</p> <p>The operationalisation of export control in Singapore is a multiagency effort. An Inter-Ministry Committee on Export Control (IMCEC), chaired by the Ministry of Foreign Affairs, oversees the implementation of Singapore’s export controls and provides policy oversight on multifaceted issues related to export controls. The IMC-EC comprises enforcement agencies, economic agencies, port authorities, technical experts and legal experts.</p> <p><b>NW:</b>  Radiation Protection Act, Sections 5, 15 and 16, Parts VIII and IX, and Sections 37, 40 and 40A</p> <p><b>CW:</b>  Chemical Weapons (Prohibition) Act, Sections 8-10, Parts IV and V, and Sections 27, 28 and 30  Arms and Explosives Act, Section 13, Part V, Sections 42, 43 and 44A</p>		
6	Licensing provisions and Authority	X	X	X	<p><b>NW/CW/BW:</b>  Strategic Goods (Control) Act, Sections 5-8, 35 and 36  Strategic Goods (Control) Regulations, Parts II and III</p>	X	X	X	<p><b>NW/CW/BW:</b>  Strategic Goods (Control) Act, Sections 5 and 9-11, Part IV, and Sections 27-32, 35, 36 and 38  Strategic Goods (Control) Regulations, Regulations 20 and 22-24</p>	

					<p><b>NW:</b> Radiation Protection Act, Section 5 and Part IV</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Section 9 Chemical Weapons (Prohibition) Regulations, Part II Arms and Explosives Act, Parts III and IIIB</p> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 6-8 11, 14, 15, 17, 20, 23, 25 and 28</p>			<p>Singapore Customs - Strategic Goods (Control) Act, Section 4 (read with Section 2 on the definition of “authorised officer”)</p> <p><b>NW:</b> Radiation Protection Act, Sections 5, 15 and 16, Parts VIII and IX, and Sections 37, 40 and 40A National Environment Agency - Radiation Protection Act, Section 3 (read with Section 2 on the definition of “Agency”)</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 9 and 10, Parts IV and V, and Sections 27, 28 and 30 Chemical Weapons (Prohibition) Regulations 2007, Regulations 4 and 13</p> <ul style="list-style-type: none"> <li>• Singapore Customs - Chemical Weapons (Prohibition) Act, Section 6 (read with Section 2 on the definition of “authorised officer”)</li> </ul> <p>Arms and Explosives Act, Sections 13 and 22-24, Part V, and Sections 42, 43 and 44A</p> <ul style="list-style-type: none"> <li>• Ministry of Home Affairs - Arms and Explosives Act, Section 4 (read with Section 2 on the definition of “Licensing Officer”)</li> </ul> <p><b>BW:</b> Biological Agents and Toxins Act, Sections 6-8, 11, 14, 15, 17, 20, 23, 25 and 28, and Parts VI and VII</p> <ul style="list-style-type: none"> <li>• Ministry of Health - Biological Agents and Toxins Act, Section 3 (read with Section 2 on the definition of “enforcement officer”)</li> </ul>		
7	Control lists of materials, equipment and technology	X	X	X	<p><b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 4A and 35 Strategic Goods (Control) Order 2019 (and any more recent iterations of the same)</p>	X	X	X	<p><b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 4A and 35 Strategic Goods (Control) Order 2019 (and any more recent iterations of the same)</p>	

				<p><b>NW:</b> Radiation Protection Act, Section 2 (definition of “nuclear material”) and First Schedule Terrorism (Suppression of Misuse of Radioactive Material) Act 2017, Regulation 2 (definition of “nuclear material”)</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, The Schedule</p> <p><b>BW:</b> Biological Agents and Toxins Act, First to Fourth Schedules</p>			<p><b>NW:</b> Radiation Protection Act, Section 2 (definition of “nuclear material”) and First Schedule Terrorism (Suppression of Misuse of Radioactive Material) Act 2017, Regulation 2 (definition of “nuclear material”)</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, The Schedule</p> <p><b>BW:</b> Biological Agents and Toxins Act, First to Fourth Schedules</p>			
8	Intangible technology transfers	X	X	X	<p><b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 5-7 Electronic Transactions Act</p>	X	X	X	<p><b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 5, 6 and 9-11, Part IV, and Sections 27-32 Strategic Goods (Control) Regulations, Regulations 22 and 23 Electronic Transactions Act</p>	
9	Inclusion of means of delivery	X	X	X	<p><b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 5-6</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Section 8, read with Section 2 (definition of “chemical weapons”) Arms and Explosives Act, Sections 13 and 16, read with Section 2 (definition of “arms”)</p>	X	X	X	<p><b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 5, 6 and 9-11, Part IV, and Sections 27-32 Strategic Goods (Control) Regulations 22 and 23 Strategic Goods (Control) Order</p> <p><b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8-10, Parts IV and V, and Sections 27, 28 and 30 Arms and Explosives Act, Sections 13 and 23, Part V, and Sections 42, 43 and 44A</p>	
10	End-user controls	X	X	X	<p><b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 5-8 and 10 Strategic Goods (Control) Regulations, Regulations 3-9 and 11-20</p>	X	X	X	<p><b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 5, 6 and 9-11, Part IV, and Sections 27-32 Strategic Goods (Control) Regulations 22 and 23</p>	

					<b>CW:</b> Chemical Weapons (Prohibition) Regulations, Regulation 3				<b>CW:</b> Chemical Weapons (Prohibition) Regulations 2007, Part II	
11	Catch all clause	X	X	X	<b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 5(2) and 6(2)	X	X	X	<b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 5, 6 and 9-11, Part IV, and Sections 27-32	
12	Transit control	X	X	X	<b>NW/CW/BW:</b> Strategic Goods (Control) Act, Section 5  <b>NW:</b> Radiation Protection Act, Section 5 Radiation Protection (Exemption for Transit, Transshipment and Carriage of Conveyance Equipment) Regulations 2014, Regulation 2  <b>CW:</b> Arms and Explosives Act, Sections 11 and 13 ("import" to cover "transit") Arms Offences Act, Section 6 ("import" to cover "transit")	X	X	X	<b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 5 and 9- 11, Part IV, and Sections 27-32 Strategic Goods (Control) Regulations 22 and 23  <b>NW:</b> Radiation Protection Act, Sections 5, 15 and 16, Parts VIII and IX, and Sections 37, 40 and 40A  <b>CW:</b> Arms and Explosives Act, Sections 11, 13 and 16, Part V, and Sections 42, 43 and 44A Arms Offences Act, Section 6	
13	Trans-shipment control	X	X	X	<b>NW/CW/BW:</b> Strategic Goods (Control) Act, Section 5  <b>NW:</b> Radiation Protection Act, Sections 5 Radiation Protection (Exemption for Transit, Transshipment and Carriage of Conveyance Equipment) Regulations 2014, Regulation 2  <b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8 and 9	X	X	X	<b>NW/CW/BW:</b> Strategic Goods (Control) Act, Sections 5 and 9- 11, Part IV, and Sections 27-32 Strategic Goods (Control) Regulations 22 and 23  <b>NW:</b> Radiation Protection Act, Sections 5, 15 and 16, Parts VIII and IX, and Sections 37, 40 and 40A  <b>CW:</b> Chemical Weapons (Prohibition) Act, Sections 8-10, Parts IV and V, and Sections 27, 28 and 30	



				Arms and Explosives Act, Sections 11 and 13 (“import” to cover “trans-shipment”) Arms Offences Act, Section 6 (“import” to cover “trans-shipment”)  <b>BW:</b> Biological Agents and Toxins Act, Sections 8 and 17			Arms and Explosives Act, Sections 11 and 13, Part V, and Sections 42, 43 and 44A Arms Offences Act, Section 6  <b>BW:</b> Biological Agents and Toxins Act, Sections 8, 17, 25, 28 and 32, and Part VII		
14	Re-export control								
15	Control over financing of exports/transshipments that would contribute to proliferation	X	X	X	<b>NW/CW/BW:</b> Terrorism (Suppression of Financing) Act, Part II (restricted to terrorist activity) Monetary Authority of Singapore Act United Nations Act	X	X	X	<b>NW/CW/BW:</b> Terrorism (Suppression of Financing) Act, Parts III-V, and Section 35 Monetary Authority of Singapore Act United Nations Act, Sections 5 and 6
16	Control over services related to exports/transshipments that would contribute to proliferation including transportation	X	X	X	<b>NW/CW/BW:</b> Terrorism (Suppression of Financing) Act, Part II (restricted to terrorist activity) United Nations Act	X	X	X	<b>NW/CW/BW:</b> Terrorism (Suppression of Financing) Act, Parts III-V, and Section 35 United Nations Act, Sections 5 and 6

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

1	Assistance offered	Assistance through International Organisations
2	Assistance Point of Contact (for assistance providers only)	Ms. Wang Shuo (First Secretary, Permanent Mission of Singapore to the United Nations) Tel: 212-826-0840 Fax: 212-826-2964 Email: <a href="mailto:shuo.sg@gmail.com">shuo.sg@gmail.com</a> ; <a href="mailto:singapore@un.int">singapore@un.int</a>
3	Assistance requested	
4	Action taken to work with and inform industry	<ul style="list-style-type: none"> <li>• Singapore Customs conducts industry outreach through seminars, circulars, notices, courses, field visits and their website to educate the industry. This is to ensure that the businesses are aware of the latest developments in the strategic goods control regulations and the requirements which they must comply with.</li> <li>• Singapore Customs conducts annual outreach seminars to raise industry's awareness of strategic trade management. Examples include the annual Joint Industry Outreach Seminar on Strategic Trade Management, which was most recently held in October 2019.</li> <li>• Singapore authorities regularly present export control and chemical weapons control updates at industry-organized outreach events, such as at a seminar held by the Singapore Chemical Industry Council in October 2014, at a conference on global logistics held by Expeditors in October 2017, at an outreach session held by Infineon in October 2017, at an event on export controls held by the Centre for Asia Pacific Trade Compliance and Information Security in February 2018, and at an export control collaborative workshop of the Singapore Semiconductor Industry Association in April 2019.</li> </ul>
5	Action taken to work with and inform the public	Singapore Customs disseminates important information through circulars and notices. Information can also be found on their website.
6	Point of Contact	Ms. Wang Shuo (First Secretary, Permanent Mission of Singapore to the United Nations) Tel: 212-826-0840 Fax: 212-826-2964 Email: <a href="mailto:shuo.sg@gmail.com">shuo.sg@gmail.com</a> ; <a href="mailto:singapore@un.int">singapore@un.int</a>

7	Voluntary National Implementation Action Plan (NAP)	
8	1540 Committee visits to States	