

## **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>Kingdom of Thailand</b>
<b>Date of Report:</b>	<b>5 November 2004</b>
<b>Dates of Additional Reports:</b>	<b>14 December 2007</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 7 December 1972	
2	Nuclear Weapons Free Zone/ Protocol(s)	Treaty on the Southeast Asia Nuclear Weapon-Free Zone (Bangkok Treaty): Deposit 20 March 1997	
3	International Convention for the Suppression of Acts of Nuclear Terrorism	Deposit 2 May 2019	
4	Convention on Physical Protection of Nuclear Material (CPPNM)	Deposit 19 June 2018	
5	2005 Amendment to the CPPNM	Deposit 19 June 2018	
6	Comprehensive Nuclear-Test-Ban Treaty (CTBT) (not in force)	Deposit 25 September 2018	
7	Chemical Weapons Convention (CWC)	Deposit 10 December 2002	
8	Biological Weapons Convention (BWC)	Deposit 28 May 1975	
9	Geneva Protocol of 1925	Deposit 6 June 1931	
10	1997 International Convention for the Suppression of Terrorist Bombings	Deposit 12 June 2007	
11	1999 International Convention for the Suppression of the Financing of Terrorism	Deposit 20 September 2004	

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	The ASEAN Convention on Counter-Terrorism (ACCT)	
16	International Atomic Energy Agency (IAEA)	Since 15 October 1957	
17	Directly relevant Arrangements	Proliferation Security Initiative (PSI) Global Initiative to Combat Nuclear Terrorism (GICNT)	
18	Statement on non-provision of WMD and related materials to non-State actors	State reports that it complies with all obligations and commitments under UNSC Resolution 1540. State reports that it strongly supports multilateral efforts and agreements on non-proliferation and disarmament to reduce and contain threats from proliferation of WMD and their delivery system, for such agreements are effective instruments to prohibit proliferation, possession and manufacture of WMD as States Parties have an obligation to establish their export controls to limit WMD materials to be transferred to the Non-States parties.	
19	Membership in relevant international, regional or sub-regional organisations	World Customs Organization 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) The ASEAN Regional Forum (ARF) Asia/Pacific Group on Money Laundering (APG) Asia-Pacific Economic Cooperation (APEC)	

## II. OP 2 - Nuclear Weapons (NW), Chemical Weapons (CW) and Biological Weapons (BW)

National legislation which prohibits persons or entities to engage in one of the following activities and its enforcement		National legal framework					Enforcement and civil/criminal penalties			Remarks
		X / ?			Source document of national implementation law	X / ?			Source document	
		N W	C W	B W		N W	C W	B W		
1	manufacture	X	X	X	<p><b>NW/CW/BW:</b> Arms Control Act, B.E. 2530 (1987), Section 4, 7, and 15 (No person shall order, import, produce or possess arms without license granted by the Permanent Secretary for Defence.)</p> <p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 19 (radioactive material), 26 (radiation generator), 141 (produce explosive device containing nuclear material)</p> <p><b>CW:</b> Hazardous Substances Act B.E. 2535 (1992) as amended through 2019, Sections 22, 23 and 43</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter II (Pathogens and Animal Toxins Control) and Chapter III (Production, Import, Export, Sale, Transit or Possession of Pathogens and Animal Toxins)</p>	X	X	X	<p><b>NW/CW/BW:</b> Arms Control Act, B.E. 2530 (1987), Section 42</p> <p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Chapter XIV (Penalties)</p> <p><b>CW:</b> Hazardous Substances Act B.E. 2535 (1992) as amended, Sections 73 and 74</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter X (Penalty provisions)</p>	
2	acquire	X	X	X	<p><b>NW/CW/BW:</b> Arms Control Act, B.E. 2530 (1987), Section 4, 7 and 15 (import)</p> <p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 19, 26, 130 (theft, robbery) and 131 (fraud, embezzlement)</p>	X	X	X	<p><b>NW/CW/BW:</b> Arms Control Act, B.E. 2530 (1987), Section 42</p> <p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Chapter XIV (Penalties)</p>	

				<p><b>CW:</b> Hazardous Substances Act B.E.2535 (1992), as amended, Sections 22 (import), 23 and 43</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter II (Pathogens and Animal Toxins Control) and Chapter III (Production, Import, Export, Sale, Transit or Possession of Pathogens and Animal Toxins)</p>			<p><b>CW:</b> Hazardous Substances Act B.E. 2535 (1992), as amended, Sections 73 and 74</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter X (Penalty provisions)</p>		
3	possess	X	X	X	X	X	X	<p><b>NW/CW/BW:</b> Arms Control Act, B.E. 2530 (1987), Sections 4, 7 and 15</p> <p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 19, 26, 36 (nuclear material), 129, 141</p> <p><b>CW:</b> Hazardous Substances Act B.E.2535 (1992), as amended, Sections 22, 23 and 43</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter II (Pathogens and Animal Toxins Control) and Chapter III (Production, Import, Export, Sale, Transit or Possession of Pathogens and Animal Toxins)</p>	<p><b>NW/CW/BW:</b> Arms Control Act, B.E. 2530 (1987), Section 42</p> <p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Chapter XIV (Penalties)</p> <p><b>CW:</b> Hazardous Substances Act B.E. 2535 (1992) as amended, Sections 73 and 74</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter X (Penalty provisions)</p>
4	develop	X		X	X		X	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 26 (make a radiation generator), 45 (establish a nuclear facility)</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter II (Pathogens and Animal Toxins Control) and Chapter III (Production, Import, Export, Sale, Transit or Possession of Pathogens and Animal Toxins)</p>	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Chapter XIV (Penalties)</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter X (Penalty provisions)</p>

5	transport	X	X	?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 19, 26, 36, 98</p> <p><b>CW:</b> Hazardous Substances Act B.E.2535 (1992), as amended, Sections 22 (export), 23 and 43</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Sections 6 (15) (Ministerial Regulation)</p>	X	X	?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Chapter XIV (Penalties)</p> <p><b>CW:</b> Hazardous Substances Act B.E. 2535 (1992) as amended, Sections 73 and 74</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter X (Penalty provisions)</p>
6	transfer			X	<p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Sections 22 and 29 (sell)</p>			X	<p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter X (Penalty provisions)</p>
7	use	X		X	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 19, 36, 129, 134, 141</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Section 16</p>	X		X	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Chapter XIV (Penalties)</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Chapter X (Penalty provisions)</p>
8	attempt to engage in abovementioned activities	X		?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 137(3) (does not achieve its end), 138 (prepares to commit), 139 (attempts)</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Section 16</p>	X		?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 137(3) (does not achieve its end), 138 (prepares to commit), 139 (attempts)</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter X (Penalty provisions)</p>
9	participate as an accomplice in abovementioned activities	X		?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Section 133 (threatens to commit), 137 (conspires)</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Section 16</p>	X		?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Section 133 (threatens to commit), 137 (conspires)</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter X (Penalty provisions)</p>

10	assist in abovementioned activities	X	X	?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Section 136 (aid, abet, provide assistance)</p> <p><b>CW:</b> Hazardous Substances Act B.E. 2535 (1992), as amended, Section 74/1</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Section 16</p>	X	X	?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Section 136 (aid, abet, provide assistance)</p> <p><b>CW:</b> Hazardous Substances Act B.E. 2535 (1992) as amended, Section 74/1</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter X (Penalty provisions)</p>
11	finance abovementioned activities	X	X	X	<p><b>NW/CW/BW:</b> Counter-Terrorism and Proliferation of Weapons of Mass Destruction Financing Act B.E. 2559 (2016), Section 4 (Means of assets, Weapons of Mass Destruction, designated person, asset freezing), Chapter II (Financing of Proliferation of Weapons of Mass Destruction), Chapter III (The power and duty of the Anti-Money Laundering Office (AMLO) board and the AMLO office) and Chapter IV (Penalty provisions)</p> <p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Section 136 (provide or give money or asset)</p>	X	X	X	<p><b>NW/CW/BW:</b> Counter-Terrorism and Proliferation of Weapons of Mass Destruction Financing Act B.E. 2559 (2016), Section 4 (Means of assets, Weapons of Mass Destruction, designated person, asset freezing), Chapter II (Financing of Proliferation of Weapons of Mass Destruction), Chapter III (The power and duty of AMLO board and the AMLO office) and Chapter IV (Penalty provisions)</p> <p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Section 136 (provide or give money or asset)</p>
12	abovementioned activities related to means of delivery <sup>1</sup>								

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/CW/BW:</b> Arms Control Act, B.E. 2530 (1987), Section 24</p> <p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 19, 26, 45 INFCIRC/241 Hazardous Substance Act, BE 2535 (1992) as amended, Sections 20-45 (Radioactive substance)</p> <p><b>CW:</b> Hazardous Substance Act B.E. 2535 (1992), as amended, Sections 20-45</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015) - Chapter III (Production, Import, Export, Sale, Transit or Possession of Pathogens and Animal Toxins) - Chapter IV (Implementations in Unsafe and Danger Situations, Emergency or Necessity) - Section 6 (4) (Ministerial Regulation)</p>	X	X	X	<p><b>NW/CW/BW:</b> Arms Control Act, B.E. 2530 (1987), Section 47</p> <p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Chapter XIV (Penalties) Hazardous Substance Act, BE 2535 (1992) as amended (Radioactive substance)</p> <p><b>CW:</b> Hazardous Substance Act of 1992, as amended, penal provision</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Chapter X (penal provision)</p>	
2	Measures to account for use	X	X	X	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 19, 26, 36, 45 INFCIRC/241 Hazardous Substance Act, BE 2535 (1992) as amended (Radioactive substance)</p>	X	X	X	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Chapter XIV (Penalties) Hazardous Substance Act, BE 2535 (1992) as amended (Radioactive substance)</p>	



				<p><b>CW:</b> Hazardous Substance Act B.E. 2535 (1992), as amended, Sections 20-45</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015) - Chapter III (Production, Import, Export, Sale, Transit or Possession of Pathogens and Animal Toxins) - Chapter IV (Implementations in Unsafe and Danger Situations, Emergency or Necessity) - Section 6 (4) (Ministerial Regulation)</p>			<p><b>CW:</b> Hazardous Substance Act of 1992, Section 74</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Chapter X (Penalty provisions)</p>		
3	Measures to account for storage	X	X	X	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 36, 41(b)(1), 87 (storage of spent nuclear fuel) INFCIRC/241 Hazardous Substance Act, BE 2535 (1992) as amended (Radioactive substance)</p> <p><b>CW:</b> Hazardous Substance Act B.E. 2535 (1992), as amended, Sections 20-45</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015) - Chapter III (Production, Import, Export, Sale, Transit or Possession of Pathogens and Animal Toxins) - Chapter IV (Implementations in Unsafe and Danger Situations, Emergency or Necessity) - Section 6 (4) (Ministerial Regulation)</p>	X	X	X	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Chapter XIV (Penalties) Hazardous Substance Act, BE 2535 (1992) as amended (Radioactive substance)</p> <p><b>CW:</b> Hazardous Substance Act of 1992, penal provision</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Chapter X (Penalty provisions)</p>
4	Measures to account for transport	X	X	X	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 19, 26, 36, 75-76 (radioactive waste), 84-85 (spent nuclear fuel) Hazardous Substance Act, BE 2535 (1992) as amended (Radioactive substance)</p>	X	X	X	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Chapter XIV (Penalties) Hazardous Substance Act, BE 2535 (1992) as amended (Radioactive substance)</p>

				<p><b>CW:</b> Hazardous Substance Act B.E. 2535 (1992), as amended, Sections 20-45</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Sections 20-32, Section 6(15) (Ministerial Regulation)</p>			<p><b>CW:</b> Hazardous Substances Act of 1992, Section 74</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Chapter X (Penalty provisions)</p>	
5	Measures to secure production	X	?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 55-69, 91</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Section 6 (4) (Ministerial Regulation)</p>	X	?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Chapter XIV (Penalties)</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter X (Penalty provisions)</p>	
6	Measures to secure use	X	?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 55-69, 91</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Section 6 (4) (Ministerial Regulation)</p>	X	?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Chapter XIV (Penalties)</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter X (Penalty provisions)</p>	
7	Measures to secure storage		?	<p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Section 6 (4) (Ministerial Regulation)</p>		?	<p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter X (Penalty provisions)</p>	
8	Measures to secure transport	X	?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 55-69, 91</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Section 6 (15) (Ministerial Regulation)</p>	X	?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 55-69, 91</p> <p><b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter X (Penalty provisions)</p>	
9	Physical protection measures	X	?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Section 36, 41(4)</p>	X	?	<p><b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Chapter XIV (Penalties)</p>	

				<b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Section 6 (4) (Ministerial Regulation)			<b>BW:</b> Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter X (Penalty provisions)	
10	Personnel Reliability	X	X	<b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Sections 29, 41, 46, 95 <b>BW:</b> Pathogens and Animal Toxins Act B.E.2558 (2015), Section 23	X	X	<b>NW:</b> Nuclear Energy for Peace Act B.E.2559 (2016), Chapter XIV (Penalties) <b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Chapter X (Penalty provisions)	

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	Ministerial Regulation on Condition to Licensees. Government Gazette Vol. 124, No. 44 17th August B.E. 2550 (2007), pp 7-20. Issued under the Atomic Energy for Peace Act B.E. 2504 Office of Atoms for Peace (OAP)	
2	Licensing of nuclear installations/entities/ use of materials	Arms Control Act, B.E. 2530 (1987), Sections 29 and 46 Ministerial Regulation on Condition to Licensees. Government Gazette Vol. 124, No. 44 17th August B.E. 2550 (2007), pp 7-20 Nuclear Energy for Peace Act B.E.2559 (2016),	
3	IAEA Safeguards Agreements	Safeguards Agreement (INFCIRC/241) in force 16 May 1974 AP in force 17 November 2017	
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)	IPPAS received in 2005 INSSP in force 2018	

8	Applying the physical protection recommendations in INFCIRC/225/Rev.5		
9	Other Agreements related to IAEA	<p>Convention on Early Notification of a Nuclear Accident (CENNA) (Deposit 21 March 1989)</p> <p>Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency (Deposit 21 March 1989)</p> <p>Convention on Nuclear Safety (Deposit 3 July 2018)</p> <p>Joint Convention on the Safety of Spent Fuel management and on the Safety of Radioactive Waste Management (Deposit 3 July 2018)</p>	
10	National legislation and regulations related to nuclear material including CPPNM	Nuclear Energy for Peace Act B.E. 2559 (2016)	

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

Measures to establish domestic controls to prevent the proliferation of CW, and their means of delivery; controls over related materials		Source document	Remarks
1	National CWC authority	Ministry of Industry Office of the National Implementation for Chemical Weapons Convention, Department of Industrial Works, Ministry of Industry	
2	Licensing/registration of installations/facilities/ persons/entities/use/ handling of related materials	Arms Control Act, B.E. 2530 (1987), Sections 29 and 46 Hazardous Substance Act of 1992, as amended Ministerial Regulation Issued Pursuant to the Hazardous Substance Act, Arts. 1-13 and 18-19	
3	Old or abandoned chemical weapons		

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

Measures to establish domestic controls to prevent the proliferation of BW, their means of delivery; controls over related materials	Source document	Remarks
<p>1</p> <p>Licensing/registration of installations/facilities/persons/entities/use/handling of materials</p>	<p>Arms Control Act, B.E. 2530 (1987), Sections 29 and 46            Pathogens and Animal Toxins Act, B.E. 2558 (2015), Chapter I, II, III and Section 6 (Ministerial Regulation)            The Disease Control Act (1980)            The Animal Disease Control Act (2001)            Animal Epidemics Act, B.E.2499 (1956) as amended until Act (No.2), B.E.2542 (1999)            Enforcement under Chapter 1, 2, 3 and 5 of the Animal Epidemics of B.E. 2499 in Chicken, B.E. 2537 (1994)            Enforcement under Chapter 1, 2, 3 and 5 of the Animal Epidemics of B.E. 2499 in Ducks and Geese, B.E. 2547 (2004)            Enforcement under Chapter 1, 2, 3 and 5 of the Animal Epidemics of B.E. 2499 in Birds and Eggs for Fertilization, B.E. 2547 (2004)            Enforcement under Chapter 1, 2, 3, 4 and 5 of the Animal Epidemics of B.E. 2499 in Birds, Chicken, Ducks for Fertilization, B.E. 2549 (2006)            Ministry of Public Health regulates and controls biological materials            Ministry of Commerce: regulates and controls dual-use items            Ministry of National Resources and Environment (MONRE) has served as an official national focal point for all biosafety issues related to Cartagena Protocol since 2002</p>	

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

Border controls and export and trans-shipment controls to prevent the proliferation of nuclear, chemical and biological weapons and their means of delivery including related materials		National legal framework					Enforcement and civil/criminal penalties					Remarks
		X / ?			Source document	X / ?			Source document			
		N W	C W	B W		N W	C W	B W				
1	Border control to detect, deter, prevent and combat illicit trafficking	X	X	X	<p><b>NW/CW/BW:</b>  Customs Act B.E. 2560 (2017), Chapter III (Importation and Exportation of Goods), Chapter VII (Customs Officer) and Chapter IX (Sanctions)  Export and Import of Goods Act B.E. 2522 (1979)  Standard Operating Procedures for the interdiction of illicit trafficking in WMD, their means of delivery and related materials (Maritime, Air, Land Boundaries) B.E. 2563 (2020)</p> <p><b>BW:</b>  Pathogens and Animal Toxins Act B.E. 2558 (2015), Section 6 (12)</p>	X	X	X	<p><b>NW/CW/BW:</b>  Customs Act B.E. 2560 (2017), Chapter III (Importation and Exportation of Goods), Chapter VII (Customs Officer) and Chapter IX (Sanctions)</p> <p><b>BW:</b>  Pathogens and Animal Toxins Act B.E. 2558 (2015), Chapter X (Penalty provision)</p>			
2	Law enforcement to detect, deter, prevent and combat illicit trafficking	X	X	X	<p><b>NW/CW/BW:</b>  Customs Act B.E. 2560 (2017), Chapter III (Importation and Exportation of Goods), Chapter VII (Customs Officer) and Chapter IX (Sanctions)  Standard Operating Procedures for the interdiction of illicit trafficking in WMD, their means of delivery and related materials (Maritime, Air, Land Boundaries) B.E. 2563 (2020)</p>	X	X	X	<p><b>NW/CW/BW:</b>  Royal Thai Police  Border Patrol Police  Customs Act B.E. 2560 (2017), Chapter III (Importation and Exportation of Goods), Chapter VII (Customs Officer) and Chapter IX (Sanctions)</p>			
3	Border control detection measures	X	X	X	<p><b>NW/CW/BW:</b>  X-Ray equipment for container screening</p>	X	X	X	<p><b>NW,CW,BW:</b>  X-Ray equipment for container screening</p>			



				<p>Closed Circuit Television Systems at four important border control points</p> <p>Thailand-U.S. Declaration of Principles for the Container Security Initiative (CSI)</p> <p>Megaports Initiative</p> <p>Standard Operating Procedures for the interdiction of illicit trafficking in WMD, their means of delivery and related materials (Maritime, Air, Land Boundaries) B.E. 2563 (2020)</p>				<p>Closed Circuit Television Systems at four important border control points</p> <p>Thailand-U.S. Declaration of Principles for the Container Security Initiative (CSI)</p> <p>Megaports Initiative</p>		
4	Control of brokering	?	?	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019)</p>	?	?	?	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019)</p>		
5	Export control legislation in place	X	X	X	<p><b>NW/CW/BW:</b> The Export and Import Goods Act, B. E. 2522(1979) Control of Armaments and War Materials out of the Kingdom Act, B.E. 2495 (1952), Sections 3, 4 and 5 The Royal Decree Controlling the Exportation of Arms, Armament and war Implements (1992) Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019) Standard Operating Procedures for the interdiction of illicit trafficking in WMD, their means of delivery and related materials (Maritime, Air, Land Boundaries) B.E. 2563 (2020)</p> <p><b>NW:</b> Nuclear Energy for Peace Act, 2016, Sections 19, 26, and 36 The Hazardous Substance Act of 1992, as amended (radioactive substance) Ministerial Regulation Issued Pursuant to the Hazardous Substance Act, Arts. 1-13 and 18-19</p>	X	X	X	<p><b>NW/CW/BW:</b> The Export and Import Goods Act, B. E. 2522(1979) Control of Armaments and War Materials out of the Kingdom Act, B.E. 2495 (1952), Section 6 Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019)</p> <p><b>NW:</b> Nuclear Energy for Peace Act, 2016, penal provisions Hazardous Substance Act of 1992, as amended</p>	

				<p><b>CW:</b> The Act Controlling the Exportation of Arms, Armament and War Implements (1952) Hazardous Substance Act, B.E. 2535 (1992), Sections 18-44 Ministerial Regulation Issued Pursuant to the Hazardous Substance Act, Arts. 1-13 and 18-19</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Chapter III and Chapter IV</p>			<p><b>CW:</b> Hazardous Substance Act of 1992, as amended Sections 18-44</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Chapter X (Penalty provisions)</p>			
6	Licensing provisions and Authority	X	X	X	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019)</p> <p><b>NW:</b> Nuclear Energy for Peace Act 2016, Section 5 Hazardous Substance Act, BE 2535 (1992) as amended (Radioactive substance)</p> <p><b>CW:</b> Hazardous Substance Act, B.E. 2535 (1992), Sections 6- 14, 18, 23-36, Ministerial Regulation (B.E. 2537) Issued Pursuant to the Hazardous Substance Act B. E. 2535, Arts 1-3, 15-16, 18-25 Royal Decree Controlling the Exportation of Arms, Armament and war Implements (1992)</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015) Sections 18 and 19, Chapter III and IV</p>	X	X	X	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019)</p> <p><b>NW:</b> Nuclear Energy for Peace Act 2016, Section 5 Hazardous Substance Act, BE 2535 (1992) as amended (Radioactive substance)</p> <p><b>CW:</b> Hazardous Substance Act, B.E. 2535 (1992), Sections 81 and 87 Hazardous Substance Commission Ministry of Industry: licenses import and export of chemicals, especially those prohibited under the CWC</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Chapter X (Penalty provisions)</p>	
7	Control lists of materials, equipment and technology	X	?	X	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019) Standard Operating Procedures for the interdiction of illicit trafficking in WMD, their means of delivery and related materials (Maritime, Air, Land Boundaries) B.E. 2563 (2020)</p>	X	?	X	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019)</p>	

				<p><b>NW:</b> Nuclear Energy for Peace Act 2016, Section 4 (list of special nuclear materials) Notification of the Ministry of Industry Regarding the List of Hazardous Substances B.E. 2556 (2013) in Government Gazette Volume 130, Special 125 D (Radioactive substances)</p> <p><b>CW:</b> Notification of the Ministry of Industry Regarding the List of Hazardous Substances B.E. 2556 (2013) in Government Gazette Volume 130, Special 125 D. Hazardous Substance Act, B.E. 2535 (1992) as amended Sections 18, 20 &amp; 36</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Sections 6 and 18-19</p>			<p><b>NW:</b> Nuclear Energy for Peace Act 2016, Penal provisions Notification of the Ministry of Industry Regarding the List of Hazardous Substances B.E. 2556 (2013) in Government Gazette Volume 130, Special 125 D (Radioactive substances)</p> <p><b>CW:</b> Hazardous Substance Act, B.E. 2535 (1992) as amended</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Chapter I and X (Penalty provisions)</p>	
8	Intangible technology transfers	?	?	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019)</p>	?	?	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019)</p>	
9	Inclusion of means of delivery	?	?	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019)</p>	?	?	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019)</p>	
10	End-user controls	?	?	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019) Standard Operating Procedures for the interdiction of illicit trafficking in WMD, their means of delivery and related materials (Maritime, Air, Land Boundaries) B.E. 2563 (2020)</p>	?	?	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019)</p>	
11	Catch all clause	?	?	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019)</p>	?	?	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019)</p>	

12	Transit control	X	X	X	<p><b>NW/CW/BW:</b> Arms Control Act, B.E. 2530 (1987), Section 25 Control of Armaments and War Materials out of the Kingdom Act, B.E. 2495 (1952), Section 3 Customs Act B.E. 2560 (2017), Chapter IV (Transit, Trans-shipment and Un-clearance Goods)</p> <p>Control on Weapons of Mass Destruction- related Items Act B.E. 2562 (2019) Standard Operating Procedures for the interdiction of illicit trafficking in WMD, their means of delivery and related materials (Maritime, Air, Land Boundaries) B.E. 2563 (2020)</p> <p><b>NW:</b> Nuclear Energy for Peace Act 2016, Sections 16 and 36</p> <p><b>CW:</b> Hazardous Substance Act, BE 2535 (1992) as amended, Section 4</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Sections 18-19, Chapter III and IV</p>	X	X	X	<p><b>NW/CW/BW:</b> Arms Control Act, B.E. 2530 (1987), Section 25 and 46 Control of Armaments and War Materials out of the Kingdom Act, B.E. 2495 (1952), Section 6 Customs Act B.E. 2560 (2017), Chapter IV (Transit, Trans-shipment and Un-clearance Goods) and Chapter IX (Sanctions) Control on Weapons of Mass Destruction- related Items Act B.E. 2562 (2019)</p> <p><b>NW:</b> Nuclear Energy for Peace Act 2016, Sections 16 and 36</p> <p><b>CW:</b> Hazardous Substance Act, BE 2535 (1992) as amended, Sections 18 and 20/2</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Chapter X (Penalty provisions)</p>	
13	Trans-shipment control	X	X	X	<p><b>NW/CW/BW:</b> Customs Act B.E. 2560 (2017), Chapter IV (Transit, Trans-shipment and Un-clearance Goods) Control on Weapons of Mass Destruction- related Items Act B.E. 2562 (2019) Standard Operating Procedures for the interdiction of illicit trafficking in WMD, their means of delivery and related materials (Maritime, Air, Land Boundaries) B.E. 2563 (2020)</p> <p><b>NW:</b> Nuclear Energy for Peace Act 2016, Sections 16 and 36</p>	X	X	X	<p><b>NW/CW/BW:</b> Customs Act B.E. 2560 (2017), Chapter IV (Transit, Trans-shipment and Un-clearance Goods) and Chapter IX (Sanctions) Control on Weapons of Mass Destruction- related Items Act B.E. 2562 (2019)</p> <p><b>NW:</b> Nuclear Energy for Peace Act 2016, Sections 16 and 36</p>	

					<p><b>CW:</b> Hazardous Substances Act B.E. 2535 (1992) as amended, Sections 4 and 20/2</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Sections 18-19, Chapter III and IV (definition, transit includes transshipment)</p>				<p><b>CW:</b> Hazardous Substances Act B.E. 2535 (1992) as amended, Sections 73 and 74</p> <p><b>BW:</b> Pathogens and Animal Toxins Act, B.E. 2558 (2015), Chapter X (Penalty provisions)</p>	
14	Re-export control	?	X	?	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019)</p> <p><b>CW:</b> Hazardous Substances Act B.E. 2535 (1992) as amended, Sections 4 and 20/3: Asserted to apply to transit, trans-shipment, export or re-export of goods which “Shall be controlled in appropriate manner”</p>	?	X	?	<p><b>NW/CW/BW:</b> Control on Weapons of Mass Destruction-related Items Act B.E. 2562 (2019)</p> <p><b>CW:</b> Hazardous Substances Act B.E. 2535 (1992) as amended, Sections 73 and 74</p>	
15	Control over financing of exports/transshipments that would contribute to proliferation	?	?	?	<p><b>NW/CW/BW:</b> Executive Decree of 11 August 2003 amending the Anti-Money Laundering Act Anti-Money Laundering Act B.E. 2542 (1999) as amended as No. 2 B.E. 2551 (2008) and as No. 3 B.E. 2552 (2009) (Terrorist Financing) Anti- Terrorist Financing Act B.E. 2556 (2013) (Terrorist Financing)</p> <p>Standard Operating Procedures for the interdiction of illicit trafficking in WMD, their means of delivery and related materials (Maritime, Air, Land Boundaries) B.E. 2563 (2020)</p>	?	?	?	<p><b>NW/CW/BW:</b> Executive Decree of 11 August 2003 amending the Anti-Money Laundering Act Anti-Money Laundering Act of B.E. 2542 (1999) as amended as No. 2 B.E. 2551 (2008) and as No. 3 B.E. 2552 (2009) (Terrorist Financing) Anti- Terrorist Financing Act B.E. 2556 (2013) (Terrorist Financing)</p>	
16	Control over services related to exports/transshipments that would contribute to proliferation including transportation									

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

1	Assistance offered	
2	Assistance Point of Contact (for assistance providers only)	
3	Assistance requested	
4	Action taken to work with and inform industry	State reports that approximately 70 per cent of chemical industries in the country have adopted the “Responsible Care Global Charter” issued by the International Council of Chemical Association. The State is ready to work together with other States Parties through sharing of information to contribute to safe and secure operation of the global chemical industry Meetings and seminars with the private sector to raise awareness of WMD non-proliferation and CSI
5	Action taken to work with and inform the public	State reports that Thailand's laws, regulations, and policy guidelines on public procurement are published in the Royal Gazette. They are also posted on the websites of the Ministry of Finance, the State Legal Council and the Ministry of Interior
6	Point of Contact	Mr. Karin Kunjara Na Ayudhya (Second Secretary, Permanent Mission of Thailand to the United Nations) Tel: 212-754-2230 (ext. 128) Fax: 212-688-3029 Email: ka.kunjara@mfa.mail.go.th  Ms. Ek-on Khunacharoen (Director of the Peace, Security and Disarmament Division, Department of International Organizations, Ministry of Foreign Affairs) Tel: +66-2-203-5000 (ext. 12130) Fax: +66-2-643-5073 Email: ek.khunacharoen@mfa.mail.go.th
7	Voluntary National Implementation Action Plan (NAP)	
8	1540 Committee visits to States	