

Annex 4 referred to in Chapter 6
Annex on Electrical Products

Part 1
Scope and Coverage

1. This Annex applies to conformity assessment procedures for all electrical products that in Japan and Thailand, respectively, are subject to conformity assessment procedures conducted by conformity assessment bodies, as set out in the laws, regulations and administrative provisions of each Party specified in Section I of Part 2 of this Annex.

2. For the purposes of this Annex, the criteria for registration or designation shall be consistent with the relevant criteria, as provided for by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC).

3. The term "amendments" referred to in Part 2 of this Annex means the amendments of its applicable laws, regulations and administrative provisions which do not change their objectives. For the purposes of this Annex, the term "amendments" includes the following cases where:

- (a) a Party entirely or partially changes any of its applicable laws, regulations and/or administrative provisions listed in Part 2 of this Annex, whether or not their titles are changed;
- (b) a Party repeals any of its applicable laws, regulations and/or administrative provisions listed in Part 2 of this Annex and adopts new laws, regulations and/or administrative provisions substituting for the previous laws, regulations and/or administrative provisions, whether or not the previous titles are changed; and
- (c) a Party incorporates the whole or a relevant part of any of its applicable laws, regulations and/or administrative provisions listed in Part 2 of this Annex into other laws, regulations and/or administrative provisions.

Part 2
The Applicable Laws, Regulations
and Administrative Provisions,
and Registering Authorities or Designating Authorities

Section I:
The Applicable Laws, Regulations
and Administrative Provisions
Stipulating Electrical Products

Japan	Thailand
<p>1. Electrical Appliance and Material Safety Law (Law No. 234, 1961) and amendments thereto</p> <p>2. Cabinet Order of the Electrical Appliance and Material Safety Law (Cabinet Order No. 324, 1962) and amendments thereto</p>	<p>1. Industrial Product Standards Act B.E.2511 (1968) and amendments thereto</p> <p>2. The following Royal Decrees concerning electrical products and amendments thereto</p> <p>2.1 TIS 4 Part 1-2529 (1986) Incandescent lamps</p> <p>2.2 TIS 10-2529 (1986) Low-voltage distribution link fuses</p> <p>2.3 TIS 11-2531 (1988) PVC insulated copper cables</p> <p>2.4 TIS 23-2521 (1978) Ballast for fluorescent lamps</p> <p>2.5 TIS 183-2528 (1985) Starters for fluorescent lamps</p> <p>2.6 TIS 293-2541 (1998) PVC-insulated aluminium cables</p> <p>2.7 TIS 344-2530 (1987) Lampholders for tubular fluorescent lamps and starterholders</p> <p>2.8 TIS 366-2547 (2004) Electric irons: safety requirement</p> <p>2.9 TIS 824-2531 (1988) Electrical switches</p>

Japan	Thailand
	2.10 TIS 870-2532 (1989) Electric stoves; open type heating elements: safety requirements
	2.11 TIS 934-2533 (1990) A.C. electric fans: safety requirements
	2.12 TIS 956-2533 (1990) Fluorescent lamps: safety requirements
	2.13 TIS 1195-2536 (1993) Mains operated electronic and related apparatus for household and similar general use: safety requirements
	2.14 TIS 1291-2545 (2002) Uninterruptible power systems
	2.15 TIS 1389-2539 (1996) Tumbler dryers: safety requirements
	2.16 TIS 1463-2540 (1997) Washing machines: safety requirements
	2.17 TIS 1955-2542 (1999) Lighting and similar equipment: radio disturbance limits
	2.18 TIS 2062-2543 (2000) Electric thermopots: safety requirements
	2.19 TIS 2134-2545 (2002) Room air conditioners: environment requirements; energy efficiency

Section II
The Applicable Laws, Regulations
and Administrative Provision
Stipulating the Technical Requirements
and the Conformity Assessment Procedures

Japan	Thailand
1. Electrical Appliance and Material Safety Law (Law No. 234, 1961) and amendments thereto	1. Industrial Product Standards Act B.E.2511 (1968) and amendments thereto
2. Ordinance of the Electrical Appliance and Material Safety Law (Ordinance of the Ministry of International Trade and Industry No. 84, 1962) and amendments thereto	2. The following Royal Decrees concerning electrical products and amendments thereto
3. Ordinance concerning Technical Requirements for Electrical Appliances and Materials (Ordinance of the Ministry of International Trade and Industry No. 85, 1962) and amendments thereto.	2.1 TIS 4 Part 1-2529 (1986) Incandescent lamps
4. Public Announcement for the Technical Requirements pursuant to paragraph 2 of the Ordinance concerning Technical Requirements for Electrical Appliances and Materials (Ordinance of the Ministry of International Trade and Industry No. 85, 1962) (Public Announcement by the Minister of Economy, Trade and Industry, HEISEI14.03.13 SHO No. 6 (18 March 2002) and amendments thereto	2.2 TIS 10-2529 (1986) Low-voltage distribution link fuses
5. Working Regulations for the Ordinance concerning Technical Requirements for Electrical Appliances and Materials (50 Shikobu No. 192 (1975)) and amendments thereto	2.3 TIS 11-2531 (1988) PVC insulated copper cables
	2.4 TIS 23-2521 (1978) Ballast for fluorescent lamps
	2.5 TIS 183-2528 (1985) Starters for fluorescent lamps
	2.6 TIS 293-2541 (1998) PVC-insulated aluminium cables
	2.7 TIS 344-2530 (1987) Lampholders for tubular fluorescent lamps and starterholders
	2.8 TIS 366-2547 (2004) Electric irons: safety requirement
	2.9 TIS 824-2531 (1988) Electrical switches
	2.10 TIS 870-2532 (1989) Electric stoves; open type heating elements: safety requirements

Japan	Thailand
	<p>2.11 TIS 934-2533 (1990) A.C. electric fans: safety requirements</p> <p>2.12 TIS 956-2533 (1990) Fluorescent lamps: safety requirements</p> <p>2.13 TIS 1195-2536 (1993) Mains operated electronic and related apparatus for household and similar general use: safety requirements</p> <p>2.14 TIS 1291-2545 (2002) Uninterruptible power systems</p> <p>2.15 TIS 1389-2539 (1996) Tumbler dryers: safety requirements</p> <p>2.16 TIS 1463-2540 (1997) Washing machines: safety requirements</p> <p>2.17 TIS 1955-2542 (1999) Lighting and similar equipment: radio disturbance limits</p> <p>2.18 TIS 2062-2543 (2000) Electric thermopots: safety requirements</p> <p>2.19 TIS 2134-2545 (2002) Room air conditioners: environment requirements; energy efficiency</p> <p>3. The following Particular Requirements for Product Certification of the electrical products and amendments thereto</p> <p>3.1 Particular Requirements for Product Certification of Incandescent lamps TIS 4 Part 1-2529, dated 8 December B.E.2540 (1997)</p>

Japan	Thailand
	<p>3.2 Particular Requirements for Product Certification of Low-voltage distribution link fuses TIS 10-2529, dated 14 September B.E.2541 (1998)</p> <p>3.3 Particular Requirements for Product Certification of PVC insulated copper cables TIS 11-2531, dated 25 June B.E.2545 (2002)</p> <p>3.4 Particular Requirements for Product Certification of Ballast for fluorescent lamps TIS 23-2521, dated 23 April B.E.2542 (1999)</p> <p>3.5 Particular Requirements for Product Certification of Starters for fluorescent lamps TIS 183-2528, dated 26 June B.E.2546 (2003)</p> <p>3.6 Particular Requirements for Product Certification of PVC-insulated aluminium cables TIS 293-2541, dated 9 February B.E.2547 (2006)</p> <p>3.7 Particular Requirements for Product Certification of Lampholders for tubular fluorescent lamps and starterholders TIS 344-2530, dated 26 April B.E.2542 (1999)</p> <p>3.8 Particular Requirements for Product Certification of Electric irons: safety requirement TIS 366-2547, dated 13 May B.E.2548 (2005)</p>

Japan	Thailand
	<p>3.9 Particular Requirements for Product Certification of Electrical switches TIS 824-2531, dated 30 December B.E.2547 (2004)</p> <p>3.10 Particular Requirements for Product Certification of Electric stoves; open type heating elements: safety requirements TIS 870-2532, dated 13 November B.E.2546 (2003)</p> <p>3.11 Particular Requirements for Product Certification of A.C. electric fans: safety requirements TIS 934-2533, dated 5 July B.E.2548 (2005)</p> <p>3.12 Particular Requirements for Product Certification of Fluorescent lamps: safety requirements TIS 956-2533, dated 18 July B.E.2546 (2003)</p> <p>3.13 Particular Requirements for Product Certification of Mains operated electronic and related apparatus for household and similar general use: safety requirements TIS 1195-2536, dated 6 May B.E.2548 (2005)</p> <p>3.14 Particular Requirements for Product Certification of Uninterruptible power systems TIS 1291-2545, dated 6 September B.E.2548 (2005)</p>

Japan	Thailand
	<p>3.15 Particular Requirements for Product Certification of Tumbler dryers: safety requirements TIS 1389-2539, dated 6 January B.E.2549 (2006)</p> <p>3.16 Particular Requirements for Product Certification of Washing machines: safety requirements TIS 1463-2540, dated 6 July B.E.2548 (2005)</p> <p>3.17 Particular Requirements for Product Certification of Lighting and similar equipment: radio disturbance limits TIS 1955-2542, dated 26 June B.E.2546 (2003)</p> <p>3.18 Particular Requirements for Product Certification of Electric thermopots: safety requirements TIS 2062-2543, dated 5 July B.E.2546 (2003)</p> <p>3.19 Particular Requirements for Product Certification of Room air conditioners: environment requirements; energy efficiency TIS 2134-2545, dated 13 July B.E.2547 (2004)</p> <p>4. Ministerial Regulation of the Ministry of Industry published in the Government Gazette Vol. 121, Part 27 A, dated 16 April B.E.2547 (2004) and amendments thereto</p>

Japan	Thailand
	5. Thai Industrial Standards Institute Notification on Conformity Assessment Procedure for Conformity Assessment Body under Mutual Recognition Chapter of the Agreement between Japan and the Kingdom of Thailand for an Economic Partnership, dated 24 January B.E.2549 (2006), and amendments thereto

Section III
The Applicable Laws, Regulations
and Administrative Provisions Stipulating the Criteria
for Registration or Designation

Japan	Thailand
<ol style="list-style-type: none"> 1. Electrical Appliance and Material Safety Law (Law No. 234, 1961) and amendments thereto 2. Cabinet Order of the Electrical Appliance and Material Safety Law (Cabinet Order No. 324, 1962) and amendments thereto 3. Ordinance of the Electrical Appliance and Material Safety Law (Ordinance of the Ministry of International Trade and Industry No. 84, 1962) and amendments thereto 	<ol style="list-style-type: none"> 1. Industrial Product Standards Act B.E.2511 (1968) and amendments thereto 2. Thai Industrial Standards Institute Notification on Criteria and Conditions: General Requirements for Designation of Conformity Assessment Body for Thai Industrial Standards under Mutual Recognition Chapter of the Agreement between Japan and the Kingdom of Thailand for an Economic Partnership, dated 24 January B.E.2549 (2006), and amendments thereto

Section IV
Registering Authorities or Designating Authorities

Japan	Thailand
Ministry of Economy, Trade and Industry or an authority succeeding this ministry	Thai Industrial Standards Institute, Ministry of Industry or an authority succeeding this institute