



**Asia-Pacific
Economic Cooperation**

2009/SOM2/SCSC/WKSP3/010

Thailand's Product Certification Systems and Toys Standard

Submitted by: Thailand



**APEC Regulator Dialogue on Toy Safety
Singapore
1-2 August 2009**



**APEC TOY SAFETY INITIATIVE
REGULATOR TO REGULATOR DIALOGUE
CTI 18 2009T**

**'Thailand's Product Certification Systems and
Toys Standard'**

Singapore, 1 August 2009

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Products classification

Industrial Standards Act, B.E.2511(1968) and its amendments

Voluntary products : Industrial products which have specified and proclaimed standards. (Section 16)



Compulsory products : Industrial products which have specified and proclaimed standards and have a Royal Decree determining that they have to comply with the standards. (Section 20 and 21)



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Thailand's Toys Standard

Current version :

TIS 685 series

TIS 685 Part 1-2540 (1997) Toys Part 1 : General requirements

TIS 685 Part 2-2540 (1997) Toys Part 2 : Packages and labeling

TIS 685 Part 3-2540 (1997) Toys Part 3 : Methods of test and analysis



Products excluded from scope of TIS 685

- Decoration strips and materials
- Bicycles (maximum saddle height 635 mm)
- Darts, slingshots and catapults
- Public playground equipment
- Air guns & pistols
- Handicraft products for decorations or collection
- Model kits (finished item is not primarily of play value)
- Sporting, camping, athletic equipment, Musical instrument furniture excluding toys that are their counterparts or faithful reproduction of those equipment which is manufactured for play and suitable for children

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Products excluded from scope of TIS 685 (cont.)

- Powered models of aircraft, rockets, boats and land vehicles excluding toys that are counterparts or faithful reproduction of those equipment which is manufactured for play and suitable for children
- Adult collectable products
- Aquatic equipment intended to be used in deep water & is large enough to support a child
- Professional toys installed in public places
- Puzzles having more than 500 pieces or without a picture
- Fireworks
- Products containing heating elements intended for use under the supervision of an adult in a teaching context
- Vehicles with combustion engines
- Video toys that can be connected to a video screen & operated at nominal voltage greater than 24 Volt
- Babies' dummies
- Electronic ovens, irons or other functional products operated at a nominal voltage greater than 24 Volt
- Fashion jewellery for children
- Flotation aids providing buoyancy in water
- Swimming goggles, sunglasses and other eye protectors including bicycles and skateboard helmets
- Items that are propelled into free flight by releasing an elastic band in the same way as catapults such as aero planes & rockets
- Chemistry sets



Revision of TIS 685

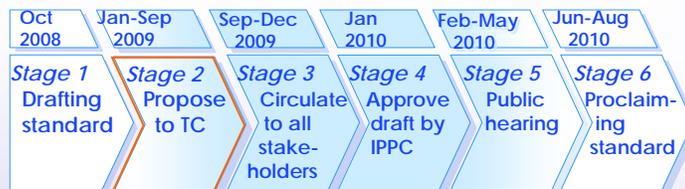
Thailand's new toy standard

- Draft TIS 685 Part 1-Toys: Safety requirements
- Draft TIS 685 Part 2-Toys: Sampling and test methods

Reference standards

- ◆ ISO 8124 series
- ◆ ASTM F963
- ◆ EN 71 series

The stage of revision



Criteria for products certification

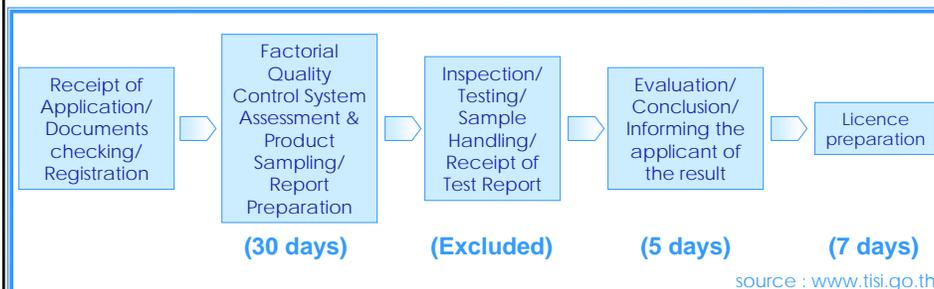
Principles for granting a licence for displaying, Producing or importing products:

- ➔ Product quality complies with the specified standards
- ➔ Product quality control systems must be adequate for maintaining consistent product quality in compliance with the standards



>> How to get license <<

Procedure for granting licence to **manufacture toys and import for sale** (in the Kingdom) which are required by a Royal Decree to conform with the standard (Section 20 and 21)



Activity requirements in the product quality control systems

Manufacturers

Importers

1 Control of raw materials	1 Purchasing
2 Control during production	
3 Control of ready-made products	
4 Control of products which do not comply with the requirements	2 Control of products which do not comply with the requirements
5 Identification and traceability	3 Identification and traceability
6 Product preservation and storage	4 Product preservation and storage
7 Machinery used in manufacturing and maintenance	
8 Control of inspection, measuring and testing equipment	5 Control of inspection, measuring and testing equipment
9 Training (skills, knowledge and capabilities)	6 Training (skills, knowledge and capabilities)
10 Control of quality record	7 Control of quality record



Surveillance systems

TISI will monitor after licences are granted to ensure that licensees consistently maintain product quality in compliance with standards by the following measures :

1) Inspecting product manufacturing by licensees

- *Where permission is given to show the standard symbol with the products or to produce industrial products*



TISI will conduct inspections of manufacturing and inspect the products of each licensee once a year.

- *Where permission is given to import industrial products*

In general, TISI will annually inspect the production of products by manufacturers abroad by assessing the product quality control systems. or by inspecting the product quality control systems of importers.

2) TISI will inspect and monitor licensed products by purchasing samples from distribution points as appropriate, and will inform licensees.



Product Certification System

TISI implement the certification system according to the System 5 (ISO/IEC 67:2004)

Product quality control assessment



Surveillance systems

- Surveillance of the production process or quality system or both of the organization;
- Surveillance by testing or inspection of samples from the factory or the open market, or both.

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Questions - Answers



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