

## **No. 2006-252, Notification of the Korean Agency for Technology and Standards**

With the intention of listening to the public opinion in advance, we hereby announce, in accordance with the regulation of Article 41.1 of Administrative Procedure Law, the purpose and the main contents of the following Enactment of “Notification of Safety Criteria of the Industrial Products subject to Voluntary Safety Confirmation”, in compliance with Article 19.2 (including Industrial Products subject to Voluntary Safety Confirmation) of the “Quality Management and Safety Control of Industrial Products Act” and with [Appended Chart2] referring to Article 2.3 (including the range of Industrial Products subject to Safety Certification) of Amended Enforcement Regulations Ordinance(plan) of the same Act.

October 31, 2006

Administrator of the Korean Agency for Technology and Standards

### **Advance Notice of Enactment (plan) of “Notification of Safety Criteria of the Industrial Products subject to Voluntary Safety Confirmation”**

#### **1. Enactment Purpose**

In compliance with Article 19.2 (including Industrial Products subject to Voluntary Safety Confirmation) of “Quality Management and Safety Control of Industrial Products Act” and with [Appended Chart 2] referring to Article 2.3 (including the range of Industrial Products subject to Safety Certification) of Amended Enforcement Regulations Ordinance (plan) of the same Act, the following 47 industrial products, which are textile products (underwear, clothing and other products for babies and bedclothes), carpets, life-jackets for sports and leisure, mountaineering ropes, batteries (including rechargeable batteries), engine antifreeze coolants, non-petroleum based motor vehicle brake fluids, tyres for automobiles, some chemical products for domestic use (organic surface-active agents, room perfumery, adhesives, polishes, deodorants, detergents, bleaches and fabric softeners), plastic kitchen wares and utensils, windshield washer fluids for automobiles, soft polyvinyl chloride hoses, ceramic table wares, safety glass for road vehicles, hand-operated mechanical ice grinders, portable jacks for automobiles, water tanks, friction-resistant tiles for bathroom floors, mattresses, warning reflex reflectors for automobiles, protectors for roller sports participants, high-visibility warning jackets, stationery (crayons and oil pastels, glues, clays and notebooks), portable ladders, wallpapers and paper floor coverings, toys (including motion toys, motionless toys and toy balloons), portable leisure devices, swimming goggles, skateboards, shopping trolleys, roller skates, children’s two-stage beds, children’s high chairs, children’s tricycles, portable cooling/heating vessels, snowboards, snow-skis and other snow-

ski equipment, gym equipment, bicycles, baby carriers, walking frames for the elderly, walking sticks for the elderly, assisted walking frames for the elderly, disposable diapers, roller shoes, digital door locks and children's jewellery accessories etc., shall be designated as Industrial Products subject to Voluntary Safety Confirmation. This Enactment, therefore, has been proposed to prepare Safety Criteria for these industrial products.

## **2. Main Contents**

○ The current safety inspection criteria shall be applied as safety criteria for the following 18 industrial products, which are life-jackets for sports and leisure, mountaineering ropes, batteries (including rechargeable batteries), engine antifreeze coolants, non-petroleum based motor vehicle brake fluids, windshield washer fluids for automobiles, safety glass for road vehicles, warning reflex reflectors for automobiles, protectors for roller sports participants, high-visibility warning jackets, friction-resistant tiles for bathroom floors, portable ladders, portable leisure devices, shopping trolleys, roller skates, children's high chairs, gym equipment, bicycles and roller shoes. However,

- Safety criteria for batteries (including rechargeable batteries) shall include the safety criteria for rechargeable batteries as well as safety requirements for lead content;
- Double glazing shall be included in the items subject to the safety criteria for safety glass for road vehicles reflecting the standards of KS L 2003 and ECE R43;
- Safety criteria for 'scaffolding-controlled ladders' shall be included in the scope of 'Part 2: scaffolding ladders of portable ladders';
- Considering the diversity of the children's high chairs, in the case of children's chairs with a special function, the height limit may be deleted;
- Safety criteria for 'Part 4: treadmills' of gym equipment shall include 'durability test of control switch' and 'electric safety test method', and 'accuracy rate' and 'rated motor horsepower' shall be indicated on the label. In addition, 'Part 8: slider for sports' shall be added to the safety criteria;
- In the case of a travelling test for roller shoes, the actual average speed when using the shoes shall become the travelling speed for the test (travelling speed: 10km/h → 5km/h).

- The current safety inspection criteria shall be applied as safety criteria for the following 15 industrial products, which are textile products (underwear, clothing and other products for babies and bedclothes), carpets, tyres for automobiles, ceramic table wares, hand-operated mechanical ice grinders, portable jacks for automobiles, water tank, wallpapers and paper floor coverings, mattresses, swimming goggles, skateboards, children's tricycles, snow-skis and other snow-ski equipment, roller skates and children's two-stage beds. However,
  - The safety criteria for textile products (underwear, clothing and other products for babies and bedclothes) and carpets have been modified equivalent to the criteria of Ekotex standards and the harmful chemical substances and standard value have been accordingly specified. In addition, KS K 0611 has been adopted as the test method for each harmful chemical substance.
  - In the case of mattresses, sponge rubber, natural latex, chemical latex and natural and chemical combined latex shall be included to the safety inspection criteria.
  - The safety criteria in accordance with KS standards shall be applied to tyres for automobiles, roller skates and mattresses
- The current safety inspection criteria shall be applied as safety criteria for the following 4 industrial products, which are stationery (crayons and oil pastels, glues, clays and notebooks etc.), chemical products (organic surface-active agents, room perfumery, adhesives, polishes, deodorants, detergents, bleaches and fabric softeners), toys (including motion toys, motionless toys and toy balloons) and portable cooling/heating vessels. However,
  - Safety criteria for deodorants, bleaches, and fabric softeners shall be newly established, and clays and glues shall be included in the inspection category for stationery
  - In particular, the standards for toys shall be modified equivalent to European standards and therefore, domestic play devices shall be included in the product list subject to the safety inspection and the safety for harmful chemical substances shall be enhanced
- Baby carriers, children's jewellery accessories, digital door locks, walking frames for the elderly, walking sticks for the elderly, assisted walking frames for the elderly and snowboards (7 items) shall be newly added to the items subject to the voluntary safety confirmation. Safety criteria for plastic kitchen wares and utensils, soft polyvinyl chloride hoses and disposable diapers, which were modified from the items subject to the quality mark (3 items), shall be established in accordance with the KS standards, standards of U.S., Europe and Japan.

- In the case of baby carriers, walking frames for the elderly, walking sticks for the elderly and assisted walking frames for the elderly, in order to ensure the product safety for children and the elderly, the standards of U.S., Europe and Japan shall be first adjusted to be suitable for the current conditions in Korea and then applied.
- The safety criteria in accordance with KS standards shall be prepared for snowboards and digital door locks.
- In the case of children's jewellery accessories, the permitted level of lead and nickel contained in the products shall be established in accordance with the regulations of U.S. Consumer Safety Protection Commission (February 3, 2005).

### **3. Details of Enactment (plan) of “Notification of Safety Criteria of the Industrial Products subject to Voluntary Safety Confirmation”**

☐ The following details of Enactment (plan) are not introduced in the official gazette since they are available on Notice/Announcement Board of the website of the Korean Agency for Technology and Standards ([www.kats.go.kr](http://www.kats.go.kr)).

### **Notification of Labelling Criteria of the Industrial Products subject to Safety and Quality Labelling**

No 2006-252 (Dec 24, 2006), Enactment of Notification of the Korean Agency for Technology and Standards

**Article 1 (purpose)** The purpose of this Notification is to designate ‘Safety Criteria of the Industrial Products subject to Voluntary Safety Confirmation (hereinafter referred to as “Safety Criteria”) in accordance with Article 19.2 of “Quality Management and Safety Control of Industrial Products Act (hereinafter referred to as “the Act”)’.

**Article 2 (safety criteria)** Voluntary Safety Confirmation Annex 01 or 47 shall be applied to Safety Criteria, in compliance with Article 1, for each industrial product subject to voluntary safety confirmation, which are introduced in [Appended Chart 2] referring to Article 2.3 of the Enforcement Ordinance of the Act. In the case of describing product details, it shall be written in Korean (English may be used for manufacturers' names and model names in the

case that it is difficult to do so in Korean). Apart from what has been indicated in the Voluntary Safety Confirmation Annex for each industrial product, any potential danger, which may occur by the use of the corresponding product, shall be clearly indicated by the manufacturers or importers themselves.

### **Article 3 (interpretation of safety criteria)**

- (1) The Administrator of the Korean Agency for Technology and Standards shall be responsible for the interpretation of Safety Criteria by this Notification.
- (2) Anyone who needs the aforementioned interpretation of the Safety Criteria may ask the Administrator of the Korean Agency for Technology and Standards in writing.
- (3) The Administrator of the Korean Agency for Technology and Standards, in the case that he or she regards it necessary for the interpretation of the Safety Criteria, may refer to the Industrial Products Safety Control Committee in accordance with Article 11 of the Act.

Voluntary Safety Confirmation Annex 01: Textile products (underwear, clothing and other products for babies and bedclothes)

Voluntary Safety Confirmation Annex 02: Carpets

Voluntary Safety Confirmation Annex 03: Life-jackets for sports and leisure

Voluntary Safety Confirmation Annex 04: Mountaineering ropes

Voluntary Safety Confirmation Annex 05: Batteries (including rechargeable batteries)

Voluntary Safety Confirmation Annex 06: Engine antifreeze coolants

Voluntary Safety Confirmation Annex 07: Non-petroleum based motor vehicle brake fluids

Voluntary Safety Confirmation Annex 08: Tyres for automobiles

Voluntary Safety Confirmation Annex 09: Chemical products for domestic use (organic surface-active agents, room perfumery, adhesives, polishes, deodorants, detergents, bleaches and fabric softeners)

Voluntary Safety Confirmation Annex 10: Plastic kitchen wares and utensils

Voluntary Safety Confirmation Annex 11: Windshield washer fluids for automobiles

Voluntary Safety Confirmation Annex 12: Soft polyvinyl chloride hoses

Voluntary Safety Confirmation Annex 13: Ceramic table wares

Voluntary Safety Confirmation Annex 14: Safety glass for road vehicles

Voluntary Safety Confirmation Annex 15: Hand-operated mechanical ice grinders

Voluntary Safety Confirmation Annex 16: Portable jacks for automobiles

Voluntary Safety Confirmation Annex 17: Water tanks

Voluntary Safety Confirmation Annex 18: Friction-resistant tiles for bathroom floors

Voluntary Safety Confirmation Annex 19: Mattresses

Voluntary Safety Confirmation Annex 20: Warning reflex reflectors for automobiles

Voluntary Safety Confirmation Annex 21: Protector for roller sports participants

Voluntary Safety Confirmation Annex 22: High-visibility warning jackets

Voluntary Safety Confirmation Annex 23: Stationery (crayons and oil pastels, glues, clays and notebooks)

Voluntary Safety Confirmation Annex 24: Portable ladders

Voluntary Safety Confirmation Annex 25: Wallpapers and paper floor coverings

Voluntary Safety Confirmation Annex 26: Toys (including motion toys, motionless toys and toy balloons)

Voluntary Safety Confirmation Annex 27: Portable leisure devices

Voluntary Safety Confirmation Annex 28: Swimming goggles

Voluntary Safety Confirmation Annex 29: Skateboards

Voluntary Safety Confirmation Annex 30: Shopping trolleys

Voluntary Safety Confirmation Annex 31: Roller skates

Voluntary Safety Confirmation Annex 32: Children's two-stage beds

Voluntary Safety Confirmation Annex 33: Children's high chairs

Voluntary Safety Confirmation Annex 34: Children's tricycles

Voluntary Safety Confirmation Annex 35: Portable cooling/heating vessels

Voluntary Safety Confirmation Annex 36: Snowboards

Voluntary Safety Confirmation Annex 37: Snow-skis and other snow-ski equipment

Voluntary Safety Confirmation Annex 38: Gym equipment

Voluntary Safety Confirmation Annex 39: Bicycles

Voluntary Safety Confirmation Annex 40: Baby carriers

Voluntary Safety Confirmation Annex 41: Walking frames for the elderly

Voluntary Safety Confirmation Annex 42: Walking sticks for the elderly

Voluntary Safety Confirmation Annex 43: Assisted walking frames for the elderly

Voluntary Safety Confirmation Annex 44: Disposable diapers

Voluntary Safety Confirmation Annex 45: Roller shoes

Voluntary Safety Confirmation Annex 46: Digital door locks

Voluntary Safety Confirmation Annex 47: Children's jewellery accessories

(enforcement date) This Notification shall be enforced as of the date of Notification.

#### **4. Submission of Opinions**

We ask any individuals, companies or groups, who would like to express their opinions on this Enactment (plan), to submit a letter to the Consumer Product Safety Division of the Korean Agency for Technology and Standards, Ministry of Commerce, Industry and Energy, by November 20, 2006. The letter should include the following details.

- A. Opinions about each item of Advance Notice (plan) (agree or disagree and the reason)
- B. Submitter's information (address and phone number)
- C. In the case of a group, the name of the group and the group leader's name, address and phone number

☐ Contact details of the Consumer Product Safety Division of the Korean Agency for Technology and Standards, Ministry of Commerce, Industry and Energy

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