

# SGS TOY TESTING SERVICES

## MAKE SURE YOUR TOYS ARE COMPLIANT



Major toy markets including Europe, United States, Australia, Brazil, Canada, China and Japan all have their own regulations and standards that are intended to ensure toy safety. Companies must ensure that their products comply with the relevant standards before their goods can be sold in these locations.

SGS has an extensive global network of state-of-the-art testing laboratories and technical experts to assist you in the development and manufacture of safe toys.

### MAJOR TOY SAFETY ISSUES

- Choking or aspiration of small parts
- Strangulation
- Entrapment
- Cuts by sharp parts of a toy
- Injury by projectiles
- Flammability
- Electrical safety
- Chemical substances (e.g.; phthalates, azo dyes)
- Heavy metals
- Fragrances

Depending on the market where the toy is to be sold, toy suppliers have to meet specific legal requirements. Our global network of labs can conduct tests against all toy directives, international or national standards (e.g.; EU Toy Safety Directive 2009/48/EC, EN 71, ASTM F963 -11, CPSIA ...).

### MECHANICAL/PHYSICAL TESTING

- All toys
- Tests to ensure there are no hazardous sharp edges, sharp points and small parts, or other potential hazards: Strength, fatigue, durability, tensile, torque, static, impact, noise level tests, etc.

### CHEMICAL TESTING

- All toys made of plastics, metal, wood, textile, etc.
- Tests to ensure banned or restricted chemicals and dangerous substances are not present in the toys as these chemicals could be dangerous if they become available as a result of chewing, sucking or swallowing by a child.
  - Heavy metals migration and content (lead, cadmium, chromium, mercury, etc.)
  - Phthalates in plastic toys (softeners)
  - Azo dyes in textiles
  - Formaldehyde emission from wooden toys
  - Nickel release during prolonged contact with skin
  - Organic Chemical Compounds

### FLAMMABILITY TESTING

- All toys, including those made from plastics, textile fabric, soft toys, plush toys
- Ensure that if a toy does catch fire a child can drop it or climb out of it before serious injury occurs. Certain flammable materials, that pose the greatest risk, are prohibited from all toys.

### ELECTRICAL SAFETY TESTING

- Electric toys, radio-controlled toys, battery-powered devices
- Tests to assess electrical safety: Resistance to heat and fire, short-circuit test, labelling, etc.

### SAFETY/RISK ASSESSMENT

- All toys placed on EU market
- Product hazard and risk assessment to be carried out and documented before placing a toy on the market. Manufacturers are obliged to identify any potential hazards (physical, chemical, electrical, flammability, etc.) that a toy may present, along with actions to correct or eliminate such hazards.

### OTHER LEGISLATION

The toy industry must also take the following legislation into consideration although not limited to toys.

- Restricted hazardous substances (REACH, RoHS II, CPSIA) such as cadmium, azo dyes and phthalates
- Electromagnetic Compatibility (EMC) and Waste disposal (e.g.; EU WEEE) for electrical and electronic toys
- Requirements and waste disposal of batteries
- Restricted hazardous substances in packaging material
- Imitation food requirements
- Regulations for articles that may come in contact with food
- Cosmetics regulations
- Etc.

# SGS TOY LABORATORIES

## KEEP IN TOUCH WITH THE BEST NETWORK

### ASIA

- CHINA Shanghai/Shenzhen/Qingdao
- HONG KONG
- INDIA
- INDONESIA
- KOREA
- MALAYSIA
- SRI LANKA
- TAIWAN
- THAILAND

### AMERICAS

- BRAZIL
- USA

### EUROPE

- FINLAND
- FRANCE
- GERMANY
- NETHERLANDS
- TURKEY
- UNITED KINGDOM

### ASIA

SGS-CSTC STANDARDS TECHNICAL SERVICES CO., LTD. SHENZHEN  
2/F, 5/F, Oastar Building,  
Zhongkang Road, Shangmeilin,  
Shenzhen, Guangdong 518049, China  
t +86 755 2532 8888  
[tjp.shenzhen@sgs.com](mailto:tjp.shenzhen@sgs.com)

SGS-CSTC STANDARDS TECHNICAL SERVICES CO., LTD. QINGDAO  
SGS Center, No 143, Zhuzhou Road,  
Hi-Tech Industrial Park, Qingdao,  
Shandong, 266101, China  
t +86 532 6899 9888  
[tjp.qingdao@sgs.com](mailto:tjp.qingdao@sgs.com)

SGS-CSTC STANDARDS TECHNICAL SERVICES CO., LTD. SHANGHAI  
5/F, 7/F & 10/F, The 3rd Building,  
No.889 Yishan Road, Xuhui District,  
Shanghai 200233, China  
t +86 21 6140 2666  
[tjp.shanghai@sgs.com](mailto:tjp.shanghai@sgs.com)

SGS HONG KONG LTD  
5/F-8/F & 28/F, Metropole Square  
2 On Yiu Street, Siu Lek Yuen  
Shatin, N.T., Hong Kong  
t +852 2334 4481  
[HK.Hardlines.TJPEnquiry@sgs.com](mailto:HK.Hardlines.TJPEnquiry@sgs.com)

SGS INDIA PVT LTD  
250, Udyog Vihar, Phase 4  
Gurgaon – 122 015, Haryana, India  
t +91 124 60600747  
[hltesting.india@sgs.com](mailto:hltesting.india@sgs.com)

PT. SGS INDONESIA  
Consumer Testing Services  
Cilandak Commercial Estate #108C,  
Jl. Raya Cilandak KKO  
Jakarta 12560, Indonesia  
t +62 21 7818111  
[consumertesting.indonesia@sgs.com](mailto:consumertesting.indonesia@sgs.com)

SGS TESTING KOREA CO. LTD  
#322, The O Valley Bldg.  
555-9, Hogye-dong, Dongan-Gu  
Anyang, Gyeonggi, Korea 431-080  
t +82 31 460 8117  
[toy.korea@sgs.com](mailto:toy.korea@sgs.com)

SGS (MALAYSIA) Sdn Bhd  
Consumer Testing Services  
No 26, Jalan Anggerik Vanilla 31/93,  
Kota Kemuning, 40460 Shah Alam  
t +60-03-51218019  
[kienlen.chong@sgs.com](mailto:kienlen.chong@sgs.com)

SGS LANKA (PVT) LTD  
No.140, 1st Floor, Vauxhall Street,  
Colombo 2, Sri Lanka  
t +94 11 5376 280  
[lanka.toylab@sgs.com](mailto:lanka.toylab@sgs.com)

SGS TAIWAN LTD  
127, Wu Kung Road, Wuku Industrial  
Zone, Taipei County, Taiwan  
t +886 2 2299 3939  
[tw.mhd.hy@sgs.com](mailto:tw.mhd.hy@sgs.com)

SGS (THAILAND) Limited  
41/23 Rama III Soi 59, Rama III Road,  
Chongnonsee,  
Yannawa, Bangkok 10120, Thailand  
t +66 2 683 0541  
[lab.thailand@sgs.com](mailto:lab.thailand@sgs.com)

### AMERICAS

SGS BRAZIL  
Av. Ver. Alfredo das Neves  
480 Alemoa, Santos, São Paulo, Brazil  
t +55 (13) 2105 9550  
[sgs.brazil@sgs.com](mailto:sgs.brazil@sgs.com)

Consumer Testing Services,  
a Division of SGS North America Inc.  
291 Fairfield Avenue  
Fairfield, NJ 07004, USA  
t +1 (973) 575 5252  
[uscts.inquiries@sgs.com](mailto:uscts.inquiries@sgs.com)

### EUROPE

SGS FIMKO LTD  
Consumer Testing Laboratory  
Särkiniementie 3, 00210 Helsinki  
t +358 9 6963 701  
[sgs.inspection.textiles@sgs.com](mailto:sgs.inspection.textiles@sgs.com)

SGS CTS France<sup>1</sup>  
215 Avenue Paul Langevin,  
Pôle d'activité Aix les Milles  
13854 Aix en Provence, France  
t +33 4 42 61 64 50  
[cts.france@sgs.com](mailto:cts.france@sgs.com)

SGS INSTITUT FRESENIUS GmbH<sup>1</sup>  
Im Maisel 14, 65232 Taunusstein  
t +49 6128 4800-56  
[de.toys@sgs.com](mailto:de.toys@sgs.com)

SGS NETHERLANDS B.V.<sup>1</sup>  
CTS Laboratory Spijkenisse  
Malledijk 18, P.O. Box 200  
3200 AE Spijkenisse, Netherlands  
t +31 181 694500  
[nl.sales.ctslabs@sgs.com](mailto:nl.sales.ctslabs@sgs.com)

SGS TURKEY - Toys Laboratory<sup>1</sup>  
Istanbul Plaza Baglar Mahallesi  
Osmanpasa Caddesi No: 95 E Girişi  
Gunesli, 34209 Istanbul Turkey  
t +90 212 368 40 00  
[cts.turkey@sgs.com](mailto:cts.turkey@sgs.com)

SGS UNITED KINGDOM LTD<sup>1</sup>  
Crossley Hall House  
Thornton Road, Crossley  
Bradford BD8 0HH, United Kingdom  
t +44 (0)1274 367980  
[gb.cts.sales@sgs.com](mailto:gb.cts.sales@sgs.com)

<sup>1</sup> EU Notified Body for toys

**SGS IS THE WORLD'S LEADING  
INSPECTION, VERIFICATION, TESTING  
AND CERTIFICATION COMPANY.**

# SGS

WHEN YOU NEED TO BE SURE