

# Toy Testing Services

TÜV Rheinland's Comprehensive Toy Testing Portfolio



[www.tuv.com](http://www.tuv.com)

 **TÜVRheinland®**  
Precisely Right.

# For safer toys

The quality and safety of toys and childcare products are crucial to children's lives. Apart from sophisticated toy testing services, at TÜV Rheinland we also offer the industry a better choice when it comes to the highest quality. The Toy Proof Mark is tailor-made to guarantee toy quality, and is applicable to all toys.

## TÜV Rheinland is your reliable partner

- We are a world-class provider of testing and certification services
- Our labs are equipped with state-of-the-art testing facilities
  - Chemical (organic/inorganic) Laboratories
  - Electrical Laboratories
  - EMC and RED Testing Chamber
  - Flammability Testing Chamber
  - Food Grade Laboratory
  - Microbiological Laboratory
  - Physical and Mechanical Laboratories
  - Acoustic Laboratory
  - LED Laboratory, etc.
- Our services cover a wide range of products
- We are accredited by the German DAkkS, the US CPSC and CARB, HOKLAS, and the Chinese CNAS, and are capable of providing services for global product compliance
- Our extensive service network is located in the main manufacturing centres and major ports of Greater China, including Hong Kong, Shenzhen, and Shanghai. Our well-equipped laboratories and highly qualified experts are ready to provide a full range of product testing



# Our services

High quality products are the key to ensuring healthy growth for manufacturers, exporters and retailers. TÜV Rheinland can provide you with assistance to ensure the best-quality products. Safety, quality, health, efficiency and compliance are the results of our work. Independent, neutral and competent, we are committed to helping our clients more successful.

## A BROAD RANGE OF TESTING SERVICES

- Physical and mechanical testing
- Product safety assessment
- Flammability testing
- Chemical testing
- Electrical testing
- EMC
- RED
- Food contact
- Stuffing material cleanliness
- Fitness for use
- Labelling and age grade evaluations
- Packaging and package waste
- Acoustic testing
- LED testing

## OTHER SERVICES

- Design/prototype evaluations
- Specification/manual development
- Research and development
- Trainings
- Certification and safety marks
- Safety assessment services
- On-site product evaluation services

## OUR SERVICES IN DIFFERENT STAGES



### Factory assessment

- ISO 9000, ISO 14001
- SA 8000
- Quality audits, codes of conduct



### Production

- Quality control, inspection
- Sample pick up



### Post-production

- Final random inspection
- Loading inspection
- Batch product testing



### Pre-production

- Product development support
- Pre-production testing
- Material and prototype testing
- Performance testing
- Supplier assessment services
- Laboratory training



### Before entering the market (Retailer/Buyer/Importer)

- Product certification
- Sample and product testing
- Training
- Supplier assessment

# Product Scope

- Infant toys
- Teethers and pacifiers
- Arts and crafts
- Experimental sets
- Toy cosmetics
- Stuffed and textile toys
- Rocking horses and ride-on toys
- Games, puzzles and books
- Toy chests
- Magnetic toys
- Toy guns and projectile toys
- Costumes and accessories
- Battery-operated toys
- Electrical toys
- Tableware for kids
- Bicycles and scooter
- Activity toy for domestic use

# Testing standards

We are conversant with and experienced in compliance with requirements in accordance with the following standards

- ISO standard
- US: ASTM, CPSIA, 16 CFR, FDA
- EU: EN-71, BS, DIN
- Canda: CCPSA, CSA
- Australia: AS/NZS ISO
- New Zealand: AS/NZS ISO
- Brazil: NM300
- Japan: JFSL
- International approval: South America, Saudi Arabia, China, etc.

## International toy safety requirements

REGULATIONS	EUROPE	GERMANY	UK	FRANCE	US	AUSTRALIA/ NEW ZEALAND	CANADA
Physical and mechanical test	EN 71-1	DIN EN 71-1	BS EN 71-1	NF EN 71-1	ASTM P963	AS/NZS 8124-1	Toys Regulations SOR/2011-17 & amendments
Flammability test (Textile material)	EN 71-2	DIN EN 71-2	BS EN 71-2	NF EN 71-2	ASTM P963	AS/NZS 8124-2	Textile Flammability Regulations SOR/2016-194
Flammability test (Other materials)	EN 71-2	DIN EN 71-2	BS EN 71-2	NF EN 71-2	ASTM P963	AS/NZS 8124-2	Toys Regulations SOR/2011-17 & amendments
Toxic elements (Heavy metal analysis)	EN 71-3	DIN EN 71-3	BS EN 71-3	NF EN 71-3	ASTM P963 16 CFR 1303 CPSIA Section 101	AS/NZS 8124-3	Toys Regulations SOR/2011-17 & amendments
Phthalates	REACH Annex XVII	REACH Annex XVII	REACH Annex XVII	REACH Annex XVII	CPSIA Section 108 16 CFR 1307	Consumer Protection Notice No.11 of 2011	SOR/2016-188 Phthalates Regulation
Azo dyes, PAHs, Nickel	REACH Annex XVII	REACH Annex XVII	REACH Annex XVII	REACH Annex XVII	N/A	N/A	N/A
Electrical toy test	EN 62115	DIN EN 62115	BS EN 62115	NF EN 62115	ASTM P963 16 CFR 1505	AS/NZS 62115	ICES-003-Battery Operated Toys/ C22.2 No. 149-1972
Electromagnetic compatibility (EMC)	2014/30/EU	2014/30/EU	2014/30/EU	2014/30/EU	FCC Part 15	C-tick	ICES-003
Cosmetic test	(EC) No.1223/2009	(EC) No.1223/2009	(EC) No.1223/2009	(EC) No.1223/2009	US FDA 21 CFR 700-740	AS: Cosmetic Standard 2007 and the NICNAS  NZS: Cosmetic Products Group Standard (Group Standard)	Cosmetic Regulation of the Food and Drug Act (C.R.C.,c. 869)

# Certification marks

Meeting customer expectations for high-quality products is the main goal of all manufacturers, buyers and retailers. To make certain your products stand out in competitive markets, certification and quality marks are one of the best tools for exceeding customer expectations. Our exclusive marks add value to your products and help instill confidence and trust in them in your clients.

## TOY PROOF MARK:

### TÜV RHEINLAND'S PROOF OF CERTIFIED QUALITY FOR TOYS

As a reliable aid for consumers when buying toys, this mark combines the safety requirements of the EC directive on the safety of toys, 2009/48/EC, with specific criteria concerning harmful substances within this range of products. The mark enables the manufacturer not only to evaluate one single toy but also to certify one class of toys economically.



### GS MARK - THIS SAFETY APPROVAL MARK DEMONSTRATES CONFORMITY WITH (GERMAN) PRODUCT SAFETY ACT, PRODSG

It is a recognised mark for toys and electrical products, such as office equipment, household appliances and industrial equipment, and is widely accepted throughout Europe. The TÜV Rheinland GS Mark signals to the buyer, customer and consumer that the product, user manual and production process, has been tested by TÜV Rheinland and is supported by regular surveillance audits.



### CERTIPEDIA IS AN ONLINE MARKETING SERVICE WITH VARIOUS EXCEPTIONAL FEATURES

- A unique third-party certification-based marketing tool in 17 different languages
- A unique IO-digit Certipedia number for your certified products or services
- Free access to our product certification and company information database
- The use of Certipedia ID print templates for marketing materials relating to certified products or services



### GREEN PRODUCT MARK: WITH A SMALL ENVIRONMENTAL IMPACT

TÜV Rheinland's Green Product Mark is a voluntary sustainability mark for consumer products that will give end consumers and buyers guidance in identifying green and sustainable products in the often crowded market place. The Green Product Mark, along with the related regulatory requirements, aims to minimise the impact of consumer products on the environment.



### OTHER CERTIFICATION SERVICES

- Argentina approval
- Saudi Arabia approval
- Indonesia approval
- Brazil Inmetro approval
- GSO Conformity Tracking Symbol (GCTS)





© TÜV, TÜEV and TÜV are registered trademarks. Utilization and application requires prior approval.

TÜV Rheinland of North America,  
Inc. 2709 SE Otis Corely Drive,  
Suite 11 Bentonville, AR. 72712  
Telephone: 1-888-743-4652  
info@us.tuv.com

[www.tuv.com](http://www.tuv.com)

 **TÜVRheinland®**  
Precisely Right.