



Toy Safety and Quality

No matter where you source or sell, UL's network of accredited laboratories and services help mitigate supply chain risk and launch products that delight children and parents alike.

With unmatched industry expertise and active involvement in the development of international toy safety standards, UL quality assurance experts can develop comprehensive quality assurance programs to help ensure compliance with regulatory requirements and brand specifications.

Our full suite of services identify hazards early in the toy design process through:

- Design and age-grading evaluation
- Risk and safety assessments
- Intended and unintended user
- Foreseeable use/misuse
- Toy life-cycle assessment
- Human factors evaluations
- Toxicological Risk Assessments (TRA)
- Labeling of Hazardous Art Materials Act (LHAMA)
- Restricted substance evaluation
- Sensory Evaluation and consumer studies
- Food contact compatibility
- Label evaluation and verification
- EC type examinations for European market

Laboratory Accreditations

- A2LA
- ACCREDIA
- ACLASS
- CMA
- CNAS
- HOKLAS
- ISTA
- MHLW
- TUNAC
- UKAS



For more information email ToyTeam@ul.com



UL offers in-depth advice regarding current standards and proposed changes that may impact quality and compliance. Throughout the production process, our industry experts can assist with every aspect of toy testing:

- Mechanical and physical
- Chemical analysis and product / package
- Antimicrobial effectiveness
- Flammability
- Electrical and electronic component
- Electromagnetic compatibility (EMC)

Inspections and Audits

- **Top of Production (TOP) Inspections/Initial Production Inspections (IPI)** are performed on raw materials and initial samples to assess compliance with regulatory requirements and brand specifications
- **In-Process Quality Checks (IPQC)** evaluate quality before the order is completed to identify and address any issues early in the manufacturing process to not jeopardize the shipping schedule
- **Final Random Inspections (FRI)/Pre-Shipment (PSI) Inspections** serve as a final check on product quality, packaging, product labeling, and carton markings before the product leaves the factory to ensure items are correctly packed and fit for their intended use.
- **Loading Inspections** verify that the product, quantity, packing, and carton markings are accurate during the loading process at the factory, warehouse, or port
- **Production Monitoring** places an inspector on-site at the factory to monitor the manufacturing process and helps ensure materials, quality, and production schedules are met

UL uses recognized methods to test toys for compliance with brand specifications, as well as regulations and standards required by several countries, including:

- International (ISO 8124)
- Europe (EN71, EN 62115, REACH, WEEE, RoHS, EMC)
- Canada (SOR-2011)
- USA (ASTM F963, CFR, CPSIA)
- Mercosur (NM 300, NBR 13883)
- Mexico (NOM-015)
- Chile (NCh3251)
- Ecuador (NTE INEN EN 71)
- Venezuela (COVENIN 197)
- Colombia (NTC-EN 71, NTC 4894)
- Australia and New Zealand (AS/NZ ISO 8124)
- South Africa (SANS 8124)
- China (GB 6675, GB 5296)

UL is registered with the CPSC as an approved laboratory for third-party testing.

Our laboratory in Italy, IISG, is accredited by CGCRE (Coordenação Geral de Acreditação) for the Brazilian market: accreditation n. CRL 0482.



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