More fun with safety
Extensive solutions for toys
DEKRA. On the safe side.

Because safety is no child’s play

Hardly any product area today is subject to such a variety of requirements with regard to safety as toys. Material testing, hazardous substance analysis, and electrical testing are just one part of the necessary expertise; the different regulations of the global markets are another. DEKRA has played a leading role in this field for many years – with comprehensive test and laboratory services that make safe actions easier for you.

You can enjoy these advantages with DEKRA

- You have an independent, experienced partner at your side
- You reduce your need for internal testing
- You have a contact for all matters related to materials and you receive all services from one source
- All DEKRA testing laboratories are subject to continuous internal and external quality control
- With a recognized testing laboratory as a partner, you are on the safe side legally
- If you wish, you can document your high standards of quality with the DEKRA seal

Happy enjoyment for young and old

Global expertise in the field of toys

The legislator is applying stricter standards for product safety in order to guarantee consumer protection in times of global movement of goods. Toys and other articles that are intended for children’s hands and are therefore not only used for what they were intended for are increasingly affected by this. EC directive 2009/48/EC applies to them – this directive also prescribes an EC type approval for certain products.

It is therefore good to have an expert partner in this area that is also an EU notified body for toys. DEKRA offers you a comprehensive service for toys and children’s worlds, in every single respect. Our experts support you as part of your quality assurance, with production development and with initial sampling and incoming goods inspections. Our services range from information to the legal conditions to the performance of EC conformity and type approvals to in-house training for your employees - also with a view to smart future technologies, the so-called “Toys 4.0”.

The DEKRA laboratories for toy testing are DIN EN ISO/IEC 17025-accredited Europe-wide, guaranteeing you DakkS-monitored-quality testing. Our test reports thus support you in proving the marketability of your products. Together with our partner laboratories in Asia, we can additionally test toys in a single process in line with all the relevant requirements on the global market. As a result, you save time and money and can launch your products on the market more quickly.

DEKRA provides advice and conducts tests for you in all product areas:

- Metal toys
- Plastic articles
- Wood and wood materials
- Paints and coatings
- Composite materials
- Textile products
- Plush animals
- Electrical toys
- Battery-powered toys
- Baby articles

OUR CERTIFICATIONS AND ACCREDITATIONS:

- Recognition by the CPSC (USA) as an independent test laboratory
- Accredited according to DIN EN ISO/IEC 17025 (Dakks)
- Accredited according to DIN EN ISO/IEC 17065
- Accredited testing laboratory and certifying body for issuing the GS mark (ZLS)
Safe products, safe processes

Find your way through the labyrinth of regulations

Stricter regulations apply to the manufacture and sale of toys today than ever before. The requirements in terms of product safety are high and diverse, especially when very different standards come into play on the international market.

In Europe the toy directive 2009/48/EC specifies that extensive risk analysis must be carried out by the manufacturer as part of its technical documentation. This risk assessment ranges from mechanical to hygienic risks and besides intended use it must also take into account foreseeable cases of misuse. Since 2013, the chemical requirements have intensified further through extensions in Annex C of the toys directive. With electrical and battery-powered toys, the EMC requirements according to the EU directive 2004/108/EC and the relevant standards EN 55014-1/2 are to be complied with, when Bluetooth or Wi-Fi is used, the radio and telecommunications directive 1999/5/EC is to be complied with.

DEKRA shows you the way through the labyrinth of international laws, directives, and standards. We are there for you in Europe as well as Asia with testing services and a comprehensive service for quality and performance, health, and safety. You can also get tests based on American standards from us from one source. Our experts have an eye on all the potential hazards for you: from mechanical toys made from plastic, wood, or metal to a large variety of plush animals and textile toys to electrical items and intelligent, connected products of the latest generation (toys 4.0).

Our services include:

- Development-accompanying testing of compliance with the legal requirements relating to toys
- Support in the risk analysis pursuant to EC toys directive (2009/48/EC)
- Testing of mechanical, electrical, and chemical product safety
- Tests against the radio and telecommunications directive (1999/5/EC)
- Data transmission security (cyber security)
- Management of harmful substances
- REACH consultancy and service
- RoHS tests
- Certification as a notified body with code number 0158
- GS certification
- International tests
- Auditing and certifying management systems

Test mark and certification

Score with safety – in Germany and internationally

We offer you either the GS mark or the DEKRA seal as visible evidence that your toy articles have successfully passed testing by an independent testing center. This quality mark can be applied to both the product and packaging as well as being shown in catalogues and brochures with reference to the relevant products.

We are also happy to support you with the global exporting of your toys. Our laboratories in Germany and China are listed with the American Consumer Product Safety Commission (CPSC) and can therefore also carry out the obligatory “third-party tests” in accordance with the Consumer Product Safety Improvement Act (CPSIA). With our globally networked range of services we are able to meet your needs flexibly at any time.

Manage quality processes and documents safely

Safety-related requirements for toys are becoming more and more complex. Besides the physical and mechanical features, today they also relate to the chemical properties of products, their flammability, as well as electrical and electromagnetic properties, connectivity, hygiene, and radioactivity. The requirements for technical documentation are increasing correspondingly.

In light of this growing complexity, the management of quality processes is gaining importance both within the company and within the entire supply chain. DEKRA is one of the internationally leading service providers for auditing and certifying quality, risk, and environmental management systems. You can use this expertise to improve your processes.
Testing and management of harmful substances

Chemical product safety worldwide

Whether you import, export, or manufacture toys, we support you in evidencing the marketability of your products. You are on the safe side within Europe as well as in Asia and the USA with the testing of harmful substances by our internationally recognized testing laboratories. Our experts test material and product samples for hazardous ingredients and their migration behavior as well as for resistance to saliva and sweat according to all the current standards.

We not only offer you this comprehensive testing service for toys but also for toy-related product groups such as baby articles, textiles, carnival items, decoration, and promotional articles. For food contact materials for children, too, you receive all the services from DEKRA, including sensory tests, from one source. In addition to chemical analysis, we are also available in an advisory capacity for any questions you have about your management of harmful substances. We help you to research substances and acquire data, check that the information and test reports from your suppliers are complete and plausible, create substance specifications and requirement catalogs, advise on statutory requirements for products and testing schedules, and develop a tailor-made testing program for you. In short: With us you obtain and maintain an overview when dealing with the chemical safety of toys, all over the world.

Our range of analysis includes:

- Tests according to the EU Toy Directive (2009/48/EC)
- The migration of certain elements (EN 71-3)
- Organic chemical compounds (EN 71-9)
- RoHs testing of electrically powered toys and children’s articles (2011/65/EU)
- Tests according to CPSC standards (CPSIA/ASTMF63)
- REACH: SVHC + restrictions according to Annex 17
- Textile tests
- Phthalates (plasticisers)
- PAK (GS mark)
- Organostannic compounds
- CMR substances
- California Proposition 65 (CP65)

In control of the game for all requirements

The EU Chemicals Ordinance REACH (EC) no. 1907/2006) is of particular importance for toy manufacturers and importers in Europe. It regulates the registration, evaluation, authorization, and restriction of chemicals in all kinds of products and among other things, calls for the labelling of “substances of very high concern” – SVHC. For every toy produced or launched in the EU it must be declared whether any SVHC mentioned in the EU’s list of candidates are included in a concentration of 0.1 percent or more.

DEKRA advises you individually on the safe and efficient implementation of REACH regulations at your company. Our experts inform you about current declaration and evidence obligations and help you to meet statutory requirements. DEKRA is also your professional partner when dealing with CMR, carcinogenic, mutagenic or reprotoxic substances. CMR substances must never be included in toys. That is why we have developed a comprehensive database in which CMR substances potentially contained in all toy-related materials are stored. This database gives you clarity about the possible risks and is the perfect basis for targeted chemical analysis and supplier enquiries. Talk to us and get an idea for yourself.

Our diagnostic services include:

- Substance research
- Data acquisition
- Consultancy on REACH and any resulting obligations
- Training and in-house workshops
- CMR substances database
- Material management
- Supplier management