

SAFE PLAY



INSPECTION - LAB TESTING - AUDIT

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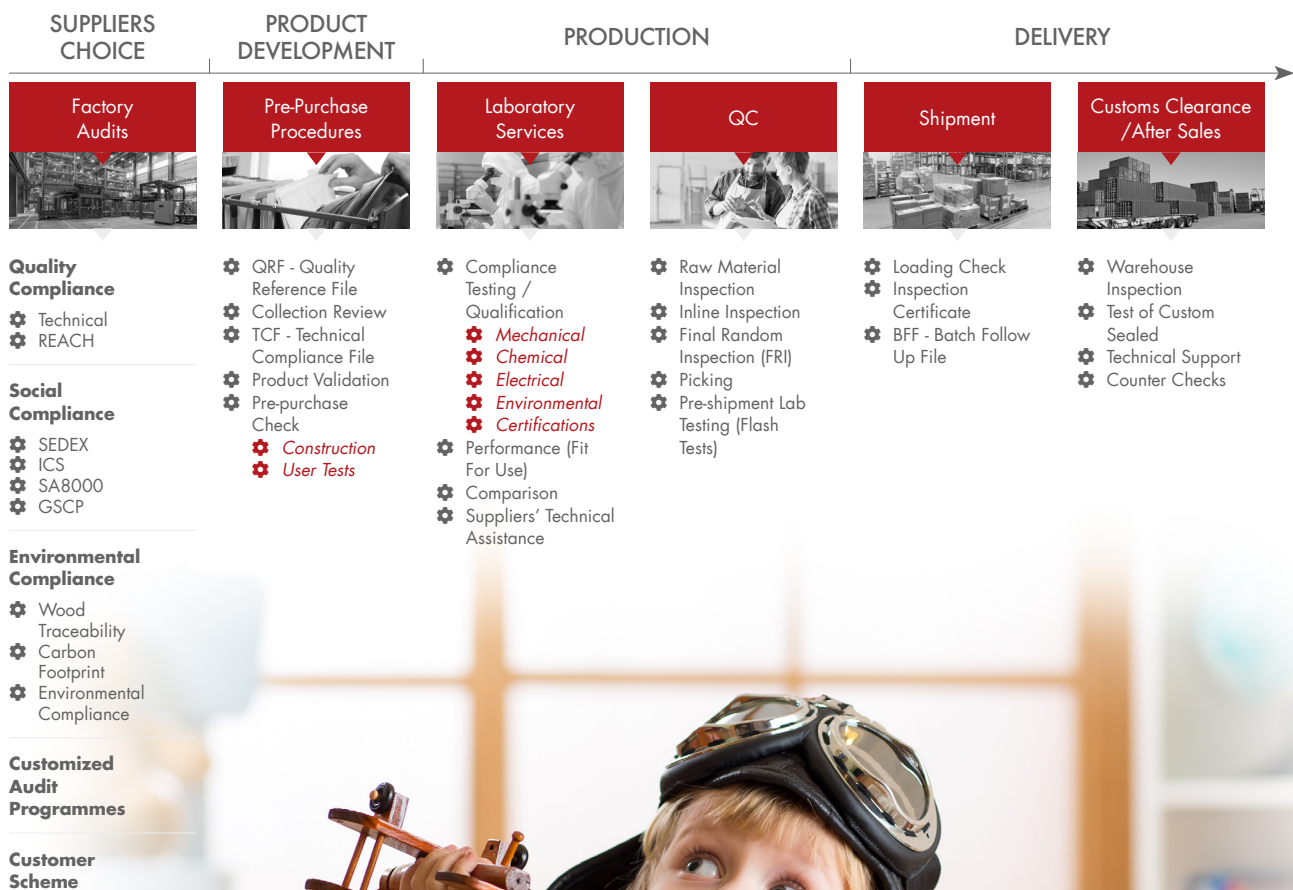
Full Range of inspection throughout the supply chain



Committed to be your reliable quality control solution provider, API takes a proactive position in securing and monitoring all the steps of your supply chain, separately or as a whole.

From factory assessment and product design review and testing, inline- or pre-shipment inspections and testing, up to loading check and warehouse inspections, API is able to deliver professional and tailor-made solutions.

SUPPLY CHAIN CYCLE





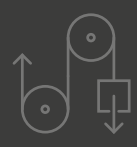
Lab Testing

Introduction

In this era of globalized sourcing, importers, retailers and manufacturers are facing important challenges, especially in the Toys & Children Products' industry, definitely one of the most highly regulated.

European, American and Australian authorities impart civil and penal liability upon the importer, considered to have the same responsibilities as a manufacturer.

With five of our own laboratories in Asia and one in Europe, API is fully competent to help you meeting the destination market standards for your imported products, by providing a range of lab testing services, englobed as follows:



Physical and mechanical testing
Evaluation of the products' resistance, usage and overall safety.



Chemical testing
Appraisal of the presence of restricted substances or any unwanted hazardous chemicals or metals.



Electrical testing
Based on the relevant product standards.



Fitness for use and performance
By direct or comparative testing procedures.



To accomplish our lab testing services we also provide: **Documentation support** - Technical and quality documentation follow-up and support services, in compliance with the Documentation Requirements of the New Toys Directive 2009/48/EC (Technical Construction File and Batch Follow-up File).

Lab Testing Standards & regulations

Global Toy Safety

The European Toy Safety Directive 2009/48/EC, along with the Consumer Product Safety Commission in the USA have joined efforts in 2009 with a view to reinforcing the control over the hazards children are exposed to, by mandating the development of new standards for the Toys and Children Products' industries in the respective end markets.

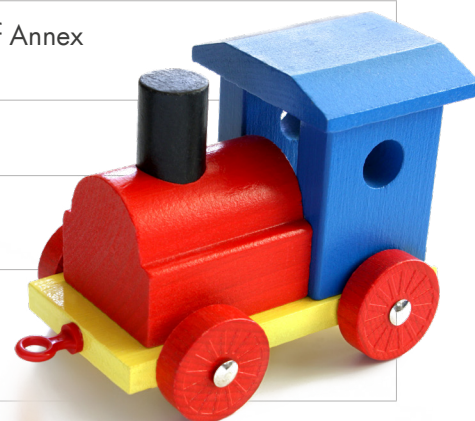


Brief guide to international Standards and Requirements

Australia / New Zealand	
AS/NZS 8124 - 1 : 2016	Safety of toys - Part 1: Safety aspects related to mechanical and physical properties (ISO 8124-1:2014 modified)
AS/NZS 8124 - 2 : 2016	Safety of toys - Part 2: Flammability (ISO 8124-2:2014 modified)
AS/NZS 8124 - 3 : 2012	Safety of toys - Part 3: Migration of certain elements (ISO 8124-3:2010 modified)
AS/NZS 62115 : 2011	Electric Toys – Safety

Europe

EN 71-1 : 2014	Safety of toys. Mechanical and physical properties
EN 71-2 : 2011 + A1 : 2014	Safety of toys. Flammability
EN 71-3 : 2013 + A2 : 2017	Safety of toys. Migration of certain elements
EN 62115 : 2005 + A12 : 2015	Electric toys. Safety
2014/79/EU	Flame retardants TCEP, TCPP, TDCP content (Amendment to Appendix C of Annex II to Directive 2009/48/EC)
2014/81/EU	Bisphenol A migration (Amendment to Appendix C of Annex II to Directive 2009/48/EC)
2009/48/EC	Appendix C - MI, CMI, BIT content
REACH Regulation (EC)1907/2006	Annex XVII Restricted Substance List
EN 14682 : 2014	Safety of children's clothing. Cords and drawstrings on children's clothing. Specifications



USA	
ASTM F963 : 2016	Standard Consumer Safety Specification for Toy Safety (Physical & mechanical, flammability, chemical, electrical)
CPSIA	Total lead (16CFR 1303)
CPSIA	Total Phthalates
ASTM F 1816 : 1997	Standard Safety Specification for Drawstrings on Children's Upper Outerwear 16 CFR 1610 – Standard for the Flammability of Clothing Textiles



Lab testing is crucial, above all, to ensure children's safety.

Major hazards such as injury by projectiles, strangulation, suffocation by inconvenient packaging or by aspiration of small parts, flammability, cuts produced by sharp parts and migration of toxic elements, should be avoided by means of thorough, reliable quality control methods.

API provides you with a full range of lab testing, certification, inspection and audit services, ensuring compliance to global safety and to social, legal and environmental standards.

Audits

Technical, social, environmental

API Audit Ltd., a subsidiary of Asia Pacific Inspection Ltd., was incorporated in 2007.

Ever since, API Audit delivers an unbiased, impartial, comprehensive and relevant analysis of the suppliers.

In 2010 the company acquires global recognition in the field by becoming one of the five auditing firms referred by ICS1.

Nowadays, API has the ambition of becoming one of the leaders of environmental compliance and performance control.



Factory Audits



Quality compliance

- Technical Audit
- REACH Audit
- Traceability Audit



Environmental compliance

- Energy Audit
- Carbon Audit
- Environmental compliance



Social compliance

- Sedex
- ICS (Initiative Clause Sociale)
- SA8000



Customized Audit programmes

- Tailor-made Audits according to customers' protocols and needs
- Combined Audits (Technical + Social; Social + Environmental)

¹ Initiative Clause Sociale is a code scheme, launched voluntarily in 1998 by the French Trade and Distribution Federation (FDC), to promote and support continual improvement of all relevant social and health / safety aspects of the overall working conditions in the factories supplying the ICS members in compliance with universal human rights and local labour regulations.

Accreditations

Reliability

API was **one of the first foreign entities to officially operate inspection services in China.**

The license granted to API covers all consumer product categories.

Besides, API is entitled to:



Lab Testing accreditations

related to Toys and other children products (including children furniture and food contact ware)

French Lab	<ul style="list-style-type: none">• EU Notification under the directive 2009/48/EC – Safety of toys – Body number 2396.• Toys: EN71-1,2 & 3
Hong Kong Lab	<ul style="list-style-type: none">• EN71 – 1,2 & 3• EN 62115• ASTM F 963 (Physical & mechanical, flammability, chemical, electrical)• CPSIA – Total lead (16CFR 1303)• CPSIA – Total Phthalates• AS/NZS 8124 – 1,2 & 3
Inspection	<ul style="list-style-type: none">• HKIAS² - ISO 17020• AQSIQ³

API's technical managers take active part in the



European Committee for Standardization

the AFNOR³ and the Toys Standardization Committee in France, thanks to which, API stands at the forefront of the regulatory market and is therefore able to:

- Monitor the progress of European and international standardization procedures.
- Provide to our industry-related customers with up-dated information about the latest developments and discussions on regulations, even before they are officially published.
- Grant anticipated assessment about the position and implementation on such draft standards.



¹**COFRAC:** Comité Français d'Accréditation

²**HKIAS:** Hong Kong Inspection Body Accreditation Scheme

³**AFNOR:** Agence Française de Normalisations

Mission

Why choose api?

- Our aim is to build **partnerships with customers** by striving to act as a **reliable** extension of their purchase & quality control departments.
- API's experienced technical staff of over 400 specialists is utterly flexible in providing **customized, innovative, comprehensive solutions**, safeguarding the quality and safety of your imported products.
- We continuously endeavour to **maximize efficiency** of quality control while optimizing cost allocation. Capitalizing on experience with customers, in-depth knowledge of products and upstream approach, API can intervene to assess risk areas and hence better allocate control resources where mostly needed.





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