



海恩斯坦轻工产品测试 彰显产品安全

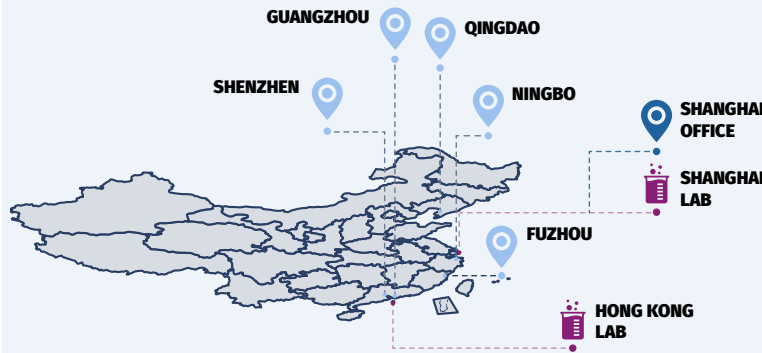
海恩斯坦位于香港葵涌的轻工产品实验室已通过德国国家认可委员会 (DAKks) 和美国国家认可委员会 (IAS) 的资格认可, 符合ISO/IEC 17025:2017标准。

位于上海浦江的新实验室自2024年5月启动以来, 正在不断拓展轻工产品服务范围。海恩斯坦大中华区实验室完全遵循德国总部实验室的测试标准与方法, 以同等的技术水平服务客户。

我们在上海和香港的专家团队以高效的测试周期、快速响应的服务机制和具有竞争力的价格优势, 为大中华地区的企业提供本地化服务和定制化解决方案。

服务

- 机械安全测试
- 适用性测试
- 化学安全测试
- 食品接触材料安全检测
- 包装及说明书检查
- 海恩斯坦质量标签



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什么是儿童玩具检测? 为什么要进行儿童玩具检测?

儿童玩具与孩子的健康和安全息息相关。欧盟、英国、美国、加拿大、澳大利亚和新西兰各自制定了相应的玩具安全法规。

未经检测的玩具, 可能存在尖点、锐边、小零件、重金属或有害化学物质超标, 甚至存在电气安全隐患, 一旦发生意外, 将对儿童造成无法弥补的伤害。因此, 对儿童玩具进行严格检测不仅是符合法规要求的重要环节, 更是守护孩子健康成长的责任与保障。

海恩斯坦作为专业的第三方检测机构, 能够为您提供全面的儿童玩具检测服务, 涵盖物理性能、燃烧性能, 化学性能、电气性能等多个方面, 确保产品安全、可靠、合规。

选择海恩斯坦, 帮助您的产品顺利进入市场, 同时赢得家长的信赖与安心。



我们的服务

测试项目	欧盟/英国	美国
物理及机械性能	EN 71-1:2014+A1:2018 BS EN 71-1:2014+A1:2018	<ul style="list-style-type: none"> ASTM F963-23 16 CFR 1500.48 16 CFR 1500.49 16 CFR 1500.51-53 16 CFR 1501 16 CFR 1510 16 CFR 1511
填充材料清洁度	EN 71-1:2014+A1:2018 BS EN 71-1:2014+A1:2018	<ul style="list-style-type: none"> ASTM F963-23 宾夕法尼亚州填充玩具法规
燃烧性能	EN71-2:2020+A1:2025 BS EN 71-2:2020+A1:2025	<ul style="list-style-type: none"> ASTM F963-23 16 CFR 1500.44 16 CFR 1610
电玩具安全	EN IEC 62115:2020/ A11:2020 BS EN IEC 62115:2020/ A11:2020	<ul style="list-style-type: none"> ASTM F963-23 16 CFR 1263 ANSI/UL 4200A-2023
可溶性元素	EN 71-3:2019+A2:2024 BS EN 71-3:2019+A2:2024	ASTM F963-23
总铅	REACH附录17-条款63	<ul style="list-style-type: none"> CPSIA section 101, ASTM F963 California Health and Safety Code Section 25214.1-2/儿童珠宝 伊利诺伊州铅预防法案 New York ECL (儿童珠宝)
邻苯二甲酸酯	REACH附录17-条款51,52,72	<ul style="list-style-type: none"> CPSIA section 108, 16 CFR 1307 多个州法规: 加利福尼亚州, 福蒙特州, 华盛顿州, TPCH等
总镉	EN 71-3 REACH附录17-条款23	<ul style="list-style-type: none"> ASTM F963-23 California Health and Safety Code Section 25214.1-2 for children's jewelry Washington CPSA
甲醛	玩具安全指令2009/48/EC附录C* REACH附录17-条款72,77	40 CFR 770, CARB ATCM
苯胺	玩具安全指令2009/48/EC附录C*	/
六价铬	REACH附录17-条款47	/

偶氮染料	REACH附录17-条款43, 72	/
苯	REACH附录17-条款5	/
双酚A (BPA)	玩具安全指令2009/48/EC附录C*	多个州法规包括加利福尼亚州, 福蒙特州, 明尼苏达州等
阻燃剂	I. 玩具安全指令2009/48/EC附录C* II. REACH附录17-条款4, 7, 8 III. REACH 附录17-条款45 IV. 持久性有机污染物法规 (POPs)	<ul style="list-style-type: none"> Federal: 40 CFR 751.407 多个州法规: 加利福尼亚州, 福蒙特州, 明尼苏达州, 华盛顿州等
甲酰胺	玩具安全指令2009/48/EC附录C*	/
镍释放	REACH附录17-条款27	ASTM F2923儿童珠宝
壬基酚聚氧乙烯醚(NPE)	REACH附录17-条款46a	/
有机锡化合物	REACH附录17-条款20	/
多环芳香烃 (PAHs)	REACH附录17-条款50,72	/
苯酚	玩具安全指令2009/48/EC附录C*	/
五氯苯酚及其盐和酯 (PCP)	持久性有机污染物法规(POPs)	/
全氟烷基物质和多氟烷基物质 (PFAS)	I. REACH附录17-条款68 C9-C14 PFCAs II. REACH附录17-条款79 PFHxA III. 持久性有机污染物法规(POPs)-PFOA, PFOS, PFHxS	<ul style="list-style-type: none"> 40 CFR 721:LCPFACs 各州法规, 例如加州 65, TPCH, 食品包装材料要求等
短链氯化石蜡(SCCPs)	持久性有机污染物法规(POPs)	/
包装及包装废弃物	PPWR (EU) 2025/40	Model Legislation of Toxics in Packaging Clearinghouse (TPCH)

电池	Regulation (EU) 2023/1542	I. US public law 104-142, 含汞及充电电池管理法 不同州法规对纽扣电池中汞含量的限制 II.
电气电子设备中的有害物质	RoHS directive 2011/65/EU	加州出台法规限制照明和某些电子设备中的有害物质
LHAMA艺术材料评估	/	16 CFR 1500.14 (b)(8) ASTM D4236-94 (R2021)

* 仅适用于供36个月以下儿童使用或放入口中的玩具或玩具部件。



测试项目	加拿大	澳大利亚/新西兰
物理及机械性能	SOR/2011-17	<ul style="list-style-type: none"> AS/NZS ISO 8124.1:2023 消费品 (水上玩具) 安全标准2020 消费品 (弹射玩具) 安全标准2020 消费品 (含磁铁玩具) 安全标准2020 消费品 (36个月及以下儿童玩具) 安全标准2023 消费品 (便携式游泳池) 安全标准2013
填充材料清洁度	SOR/2011-17	AS/NZS ISO 8124.1:2023
燃烧性能	SOR/2011-17	AS/NZS ISO 8124.2:2023
电玩具安全	SOR/2011-17	<ul style="list-style-type: none"> AS NZS 62115:2018+A1:2021 消费品 (含纽扣/硬币电池产品) 安全标准2020+2022年修订版 消费品 (含纽扣/硬币电池产品) 信息标准2020
可溶性元素	SOR/2011-17	AS/NZS ISO 8124.3:2021+A1:2023
总铅	SOR/2018-83	/
邻苯二甲酸酯	SOR/2016-188	ACCA-Consumer Protection Notice No. 11 of 2011

标签要求

欧盟

通用信息

玩具及/或其包装须包含:

- CE标志, 至少5mm高, 须等比例缩放
- 欧盟制造商/进口商名称及邮政地址
- 产品标识: 类型、批次、序列号、型号或其他可识别产品身份的要素
- 电子邮箱地址

警告要求

警告语必须以目的国的语言标识, 且在售卖时清晰可见, 例如

- 英语: Warning. Not suitable for children under 36 months. Small parts. Choking hazard.
- 德语: Achtung. Nicht für Kinder unter 36 Monaten geeignet. Kleine Teile. Erstickungsgefahr.
- 法语: Attention! Ne convient pas aux enfants de moins de 36 mois. Petits éléments. Danger d'étouffement.

* 年龄警告图标直径至少为10mm高, 圆圈及斜杠为红色, 背景为白色, "0-3"和脸形轮廓为黑色, 不得更改年龄数字, 图标须等比例缩放

美国

通用信息

玩具及/或其包装须包含:

- 生产商或分销商的名称和地址
- 最小使用年龄

追踪标识

玩具及其包装须永久地标识如下信息:

- 制造商或自有品牌商名称
- 产品的生产地 (城市, 国家) 与生产日期
- 生产过程的详细信息, 例如批号或顺序号, 或者其他识别特征
- 其他任何便于确认产品特定来源的信息

警告要求

警告语须以英文标识在包装的主展示面上, 例如:

⚠ WARNING:
CHOKING HAZARD—Small parts.
Not for children under 3 yrs.

* 格式及字体高度须满足特定要求



EXEMPLIFY THE SAFETY OF YOUR PRODUCTS WITH HOHENSTEIN HARDLINES TESTING

Our Hardlines laboratory in Kwai Chung, Hong Kong, is fully accredited in compliance with ISO/IEC 17025:2017 by DAkks and IAS.

Our new Hardlines laboratory in Pujiang, Shanghai, opened in May 2024, will continue to extend our service range for wider Hardlines products.

We maintain locally our level of expertise and we align technical interpretations and test methods with our Headquarters laboratory in Germany.

Our expert team in Shanghai and Hong Kong offers a diverse range of tests and reliable customized services for Greater China companies with end-to-end solutions and competitive prices.

SERVICE

Mechanical safety test

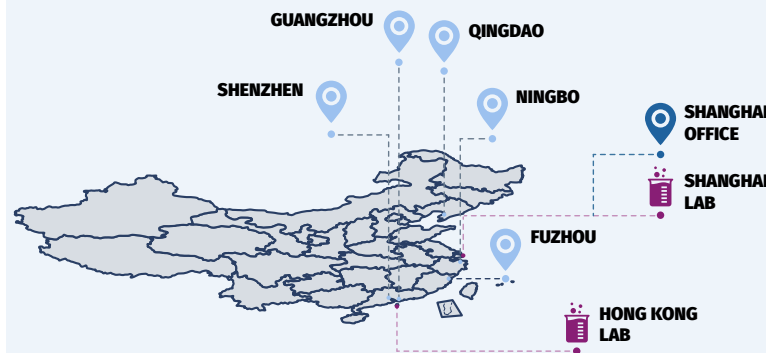
Fit-for-use test

Chemical safety test

Food contact material safety test

Artwork check

Hohenstein Quality Label



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TESTING SERVICE ON CHILDREN'S TOY

WHAT & WHY CHILDREN'S TOY TESTING IS IMPORTANT?

Children's toys are closely linked to their health and safety. The European Union, the United Kingdom, the United States, Canada, Australia and New Zealand each have their own distinct laws and regulations for toy safety.

Toys that have not been tested may pose risks such as sharp points/edges, small parts, excessive levels of heavy metals or harmful chemicals, or even electrical safety hazards. Once an accident occurs, it can cause irreparable harm to children.

Therefore, rigorous testing of children's toys is not only an essential step to comply with regulations but also a responsibility and safeguard for children's healthy growth.

As a professional third-party testing laboratory, Hohenstein provides you with comprehensive toy testing services, covering physical, flammability, chemical, and electrical safety. We help you ensure your products are safe, reliable, and compliant.

Choosing Hohenstein helps your products enter the market smoothly while earning parents' trust and confidence.



Tested Toy

- ✓ Harmful substances
- ✓ Washability



OUR SERVICE

Test item	EU/UK	US
Physical and mechanical	EN 71-1:2014+A1:2018 BS EN 71-1:2014+A1:2018	<ul style="list-style-type: none"> ASTM F963-23 16 CFR 1500.48 16 CFR 1500.49 16 CFR 1500.51-53 16 CFR 1501 16 CFR 1510 16 CFR 1511
Cleanliness of stuffing material	EN 71-1:2014+A1:2018 BS EN 71-1:2014+A1:2018	<ul style="list-style-type: none"> ASTM F963-23 Pennsylvania Regulation for Stuffed Toys
Flammability	EN71-2:2020+A1:2025 BS EN 71-2:2020+A1:2025	<ul style="list-style-type: none"> ASTM F963-23 16 CFR 1500.44 16 CFR 1610
Electric toy safety	EN IEC 62115:2020/A11:2020 BS EN IEC 62115:2020/A11:2020	<ul style="list-style-type: none"> ASTM F963-23 16 CFR 1263 ANSI/UL 4200A-2023
Soluble elements	EN 71-3:2019+A2:2024 BS EN 71-3:2019+A2:2024	ASTM F963-23
Total lead	REACH annex XVII-entry 63	<ul style="list-style-type: none"> CPSIA section 101, ASTM F963 California Health and Safety Code Section 25214.1-2 for children's jewellery Illinois Lead Prevention Act New York ECL
Phthalates	REACH annex XVII-entry 51, 52, 72	<ul style="list-style-type: none"> CPSIA section 108, 16 CFR 1307 Various state laws: California, Vermont, Washington, TPCH, etc.
Cadmium	EN 71-3 REACH annex XVII-entry 23	<ul style="list-style-type: none"> ASTM F963-23 California Health and Safety Code Section 25214.1-2 for children's jewelry Washington CPSA
Formaldehyde	Toy safety directive 2009/48/EC appendix C* REACH annex XVII-entry 72, 77	40 CFR 770, CARB ATCM
Aniline	Toy safety directive 2009/48/EC appendix C*	/
Chromium VI	REACH annex XVII-entry 47	/

Azo dyes	REACH annex XVII-entry 43, 72	/
Benzene	REACH annex XVII-entry 5	/
Bisphenol A	Toy safety directive 2009/48/EC appendix C*	Restricted in various states including California, Vermont, Minnesota, etc.
Flame retardants	I. Toy safety directive 2009/48/EC appendix C* II. REACH annex XVII-entry 4, 7, 8 III. REACH annex XVII-entry 45 IV. Regulation (EU) 2019/1021 (POPs)	<ul style="list-style-type: none"> Federal:40 CFR 751.407 Various state laws: in California, Washington, Minnesota, Vermont, etc.
Formamide	Toy safety directive 2009/48/EC appendix C*	/
Nickel release	REACH annex XVII-entry 27	ASTM F2923 for children's jewelry
Nonylphenol ethoxylates (NPE)	REACH annex XVII-entry 46a	/
Organotin compounds	REACH annex XVII-entry 20	/
PAHs	REACH annex XVII-entry 50, 72	/
Phenol	Toy safety directive 2009/48/EC appendix C*	/
Pentachlorophenol (PCP) and its salts and esters	Regulation (EU) 2019/1021 (POPs)	/
Per-and polyfluoroalkyl substances (PFAS)	I. REACH annex XVII-entry 68 C9-C14 PFCAs II. REACH annex XVII-entry 79 PFHxA III. Regulation (EU) 2019/1021 (POPs)-PFOA, PFOS, PFHxS	<ul style="list-style-type: none"> 40 CFR 721:LCPFACs Various state laws, such as California Proposition 65, TPCH, chemical reporting obligations, disclosure of cookware, regulations for food packaging, juvenile products, clothing, carpet and rugs
Short-chain chlorinated paraffins (SCCPs)	Regulation (EU) 2019/1021 (POPs)	/
Heavy metals in packaging material	PPWR (EU) 2025/40	Model Legislation of Toxics in Packaging Clearinghouse (TPCH)

Batteries	Regulation (EU) 2023/1542	I. US public law 104-142, mercury-containing and rechargeable battery management act II. Various state laws also restricted mercury contents in button cells
Hazardous substances in electrical and electronic equipment	RoHS directive 2011/65/EU	California state adopted regulations restricting hazardous substances in lighting and certain electronic devices, in line with EU RoHS
LHAMA evaluation in art materials	/	16 CFR 1500.14 (b)(8) ASTM D4236-94 (R2021)

* Only applicable to toys or parts of toys intended for use by children under 36 months or intended to be placed in the mouth.



Test item	CA	AU/NZ
Physical and mechanical	SOR/2011-17	<ul style="list-style-type: none"> AS/NZS ISO 8124.1:2023 Consumer Goods (Aquatic Toys) Safety Standard 2020 Consumer Goods (Projectile Toys) Safety Standard 2020 Consumer Goods (Toys Containing Magnets) Safety Standard 2020 Consumer Goods (Toys for Children up to and including 36 Months of Age) Safety Standard 2023 Consumer Goods (Portable Swimming Pools) Safety Standard 2013
Cleanliness of stuffing material	SOR/2011-17	AS/NZS ISO 8124.1:2023
Flammability	SOR/2011-17	AS/NZS ISO 8124.2:2023
Electric toy safety	SOR/2011-17	<ul style="list-style-type: none"> AS NZS 62115:2018+A1:2021 Consumer Goods (Products Containing Button/Coin Batteries) Safety Standard 2020+Amendment 2022 Consumer Goods (Products Containing Button/Coin Batteries) Information Standard 2020
Soluble elements	SOR/2011-17	AS/NZS ISO 8124.3:2021+A1:2023
Total lead	SOR/2018-83	/
Phthalates	SOR/2016-188	ACCA-Consumer Protection Notice No. 11 of 2011

LABELING REQUIREMENTS QUICK REFERENCE

EU

General information

Toy and/or packaging shall bear

- CE marking at least 5 mm in height
- the name and postal address of manufacturer and/or importer
- the product identification: type, batch, serial or model number or other element allowing their identification
- electronic address



Warning statement

Warnings shall be seen at point of sale and in destination languages, e.g.

- EN: Warning. Not suitable for children under 36 months. Small parts. Choking hazard.
- DE: Achtung. Nicht für Kinder unter 36 Monaten geeignet. Kleine Teile. Erstickungsgefahr.
- FR: Attention! Ne convient pas aux enfants de moins de 36 mois. Petits éléments. Danger d'étouffement.
- * Age warning symbol shall be at least 10 mm in diameter, with red circle and stroke, white background, black "0-3" and outline of the face, only "0 to 3" shall be used



US

General information

Toy and/or packaging shall bear:

- name and address of the producer or the distributor
- minimum age for intended use

Tracking label

Toy and packaging shall permanently bear:

- Manufacturer or private labeler name
- Location and date of production of the product
- Detailed information on the manufacturing process, (e.g., batch or run number) or other identifying characteristics
- Any other information to facilitate ascertaining the specific source of the product (e.g., address of the manufacturing plant)

Warning statement

Warnings shall appear at least in English on the principal display panel of packaging, e.g.

⚠ WARNING:
CHOKING HAZARD—Small parts.
Not for children under 3 yrs.

* Format and font size shall be respected