

## 玩具及婴幼儿产品服务 TOYS AND JUVENILE PRODUCTS SERVICE

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SGS轻工产品服务

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## OUR EXPERIENCE AND RESOURCES DELIVER TRUST 我们的非凡经验及雄厚实力

#### **SGS GROUP**

SGS is the world's leading inspection, verification, testing and certification company. SGS is recognized as the global benchmark for quality and integrity. With more than 97,000 employees, SGS operates a network of over 2,600 offices and laboratories around the world.

#### **SGS CHINA**

Founded in 1991, SGS-CSTC Standards Technical Services Co. Ltd. is a joint venture between SGS Group and China Standard Science and Technology Group. SGS China boasts over 78 branches and 150 laboratories with more than 15,000 professionals working for the company. The SGS China toy laboratory is one of the largest laboratories in China. The laboratories in Hong Kong, Shenzhen, Ningbo Shanghai, Changzhou and Qingdao have extensive experience in working with internationally reputed toy brands.

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#### SGS集团

SGS集团是国际公认的检验、鉴定、测试 及认证机构,也是公认的品质与诚信的全 球基准。SGS集团在全球拥有2,600多个 分支机构和实验室、超过97,000名员工, 服务网络遍及全球。

#### SGS在中国

通标标准技术服务有限公司由SGS集团和 隶属于国家市场监督管理总局系统的中国 标准科技集团共同于1991年成立,现已 在全国建成了78个分支机构和150多间实 验室,拥有15,000多名训练有素的专业 人员。位于香港、深圳、宁波、上海、常 州和青岛的实验室具备与众多国际知名玩 具品牌合作的丰富经验。

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## OUR SCOPES DELIVERS TRUST 我们的专业服务范畴



#### **RISK MANAGEMENT**

PIE (Product Integrity Engineering) service will help you manage risk at every stage of the business process, from the concept, design to manufacturing and distribution. SGS and its global network offer a complete solution to assist customers to manage risk and meet new regulatory challenges. We organize training to provide in-depth knowledge and experience in toys safety standard, regulatory framework and risk assessment.

SGS risk assessment process identifies potential quality and safety concerns by applying:

- Data analysis
- Foreseeable use analysis
- Hazards identification and analysis

#### 风险管理

产品品质工程(PIE)服务将帮助您管理每个 商业环节的风险,从设计概念到生产分销。 SGS以及其全球网络会提供完整的解决方 案和全面的质量计划以帮助客户管理风险 满足新法规的挑战:及提供与玩具安全标 准、法规框架和风险评估方面有关的深入 培训。

SGS风险评估程序采用了:

- 数据分析
- 可预见使用分析
- 危害识别与分析

#### **TECHNICAL CONSULTANCY**

Even with the most sophisticated design and smartest selection on toys products, quality is still not guaranteed due to the complicated process and raw materials involved in the production. Our experienced technical consultants are strong in technical development, technical problem solving and quality assurance and will surely provide innovative solutions to all your technical problems.

#### **RESTRICTED SUBSTANCE TESTING & GOING SUSTAINABLE**

SGS can provide restricted substances testing services in order to minimize the risk to human health and improve the quality of the environment through a more effective management of the chemicals used in product manufacturing and packaging.

SGS also offers a comprehensive sustainability guidebook to the hardlines industry. It is the ultimate training and reference material for those senior managers at the quality assurance field to create and implement green and sustainability strategies adapting on their industry practice.

#### 技术咨询

现代生产中复杂的过程和原材料的使用, 即使最先进的设计和智能功能的运用,玩 具产品质量仍然不能得到保证。我们经验 丰富的技术顾问擅长于技术开发,解决技 术问题和质量保证,将提供创新和切实可 行的办法来解决所有的技术问题。

#### 严格的物质检测服务及可持续发展

SGS为你提供限用物质测试服务以管理产品制造和包装中化学品的使用,以减少对人类健康的危害及改善环境质量。

SGS为轻工产品行业提供了一个全新的可 持续发展在线指南。这为质量保障领域的 高级管理人员生产实践中更好地执行绿色 可持续发展战略提供了最根本的培训和参 考资料。

# STICK TO THE PULSE OF THE INTERNATIONAL MARKET 把握国际检测市场的大动向

Child's play is not without its risk but you can control most of the hazards children are exposed to. Both the European Commission and the Consumer Product Safety Commission in the USA have reinforced this message by mandating the development of new standards of toy safety. SGS will inform you about the latest developments of the Consumer Product Safety Improvement Act (CPSIA) and provide solutions for various consumer products to comply with CPSIA. 儿童的玩乐也存在着危险,但您可以控制 大多数儿童可能接触到的危害。因此,欧 洲委员会和美国消费者产品安全委员会分 别通过制定一些新的玩具安全标准强调了 这些信息。SGS将通知您有关消费者产品 安全改进法(CPSIA)的最新进程以及将为 各种消费者产品提供方案,使其符合 CPSIA。

#### **TOY REGULATIONS IN THE EU MARKET**

European Toy Safety Directive 2009/48/EC considered as the most stringent international regulations on toy safety stipulates that all toys entering the EU market should strictly meet the requirements of the directive.

- Tightening chemical control on toys and banning the usage of any carcinogenic, mutagenic and reproduction toxic substances in toys;
- Strictly controlling the physical and mechanical properties of toys, including the ban on toys firmly attached to food products and toys given away in food must also have their own packaging;
- Clearly stipulating the packaging requirements and the rule of a warning on packaging.





#### 欧洲市场玩具安全法规要求:

欧盟玩具安全指令2009/48/EC被认为是 目前"国际上要求最为严格的玩具安全技 术法规",所有进入欧盟的玩具都要严格 满足该指令要求。

- 对玩具采取更严格的化学管控,禁止在 玩具中使用任何致癌、诱变性和生殖毒 性物质;
- 严格要求玩具的物理及机械性能,包括 禁止将玩具紧附于食品上以及与食品附 送的玩具必须有自己独立的包装;
- 对玩具的包装以及包装上的警告标志做 出明确规定。

## SUMMARY OF INTERNATIONAL TOY SAFETY REQUIREMENTS 各国玩具安全检测标准汇总

#### **Battery/ Electrical Operated Toy Safety** Test

USA Title 16 CFR Part 1505

ASTM F963 Europe EN62115 EN60825 Australia AS/NZS 62115 Japan ST 2016 Part 1 China GB 19865 Electric Toys-Safety

#### **Cleanliness of Stuffing Material**

#### 电动玩具测试

美国	《美国联邦法规》标题16第
	1505部分
	美国玩具安全标准-ASTM F963
欧洲	电动玩具安全EN 62115
	发光二极体测试EN 60825
澳大利亚	电动玩具安全标准AS/NZS 62115
日本	ST 2016第1部分
中国	GB 19865电玩具的安全



#### 填充料清洁度

USA	ASTM F963	美国	美国玩具安全标准ASTM F963
	Pennsylvania Stuffed Toys		宾夕法尼亚玩具填充物法规
	Act and Regulations		
Europe	EN71 Part 1	欧洲	欧盟玩具安全标准EN71第1部分
Canada	Toys Regulations	加拿大	加拿大消费品安全法案之玩具规
	(SOR/2011-17) of Canada		则(SOR/2011-17)
	Consumer Product Safety Act		
Australia AS/NZS		澳大利亚	澳大利亚玩具安全标准AS/NZS
	8124 Part 1		8124第1部分
Japan	ST 2016 Part 1	日本	ST 2016第1部分

#### **Electromagnetic Compatability**

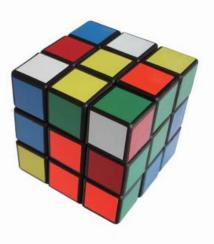
USA	FCC Part 15 Radio Frequency
	Devices
Europe	2014/30/EU EMC Directive
Canada	ICES Interference Causing
	Equipment Standard
	RSS Radio Standards Specifications
Australia	Electromagnetic Compatibility
	EMC Regulations, RCM Mark
Japan	Electrical Appliance and
	Material Safety Law

#### Flammability Test (Solid Material/ Toy Products)

USA	Title 16 CFR Part 1500.44	
	ASTM F963	
Europe	EN71 Part 2	
Canada	Toys Regulations	
	(SOR/2011-17) Section 21	
Australia AS/NZS 8124 Part 2		
Japan	ST 2016 Part 2	
China	GB6675.3-2014 Toys safety -Part 3: Flammability	

#### 电磁兼容测试

美国	联邦通信委员会FCC法规第15部
	分无线电频率装置
欧洲	2014/30/EU欧洲共同体制定电
	磁兼容指令
加拿大	加拿大引起干扰的设备标准
	加拿大无线电法规
澳大利亚	澳大利亚新西兰电磁兼容(EMC)
	法规, RCM标识
日本	日本《电器产品及材料安全法》



#### 易燃性测试·玩具产品(固体材料)

美国	《美国联邦法规》标题16第
	1500.44部分
	美国玩具安全标准ASTM F963
欧洲	欧洲玩具安全标准EN71第2部分
加拿大	加拿大玩具法规(SOR/2011-17)
	第21章节
澳大利亚	澳大利亚玩具安全标准AS/NZS
	8124第2部分
日本	ST 2016第2部分
中国	GB6675.3-2014玩具安全 第3部分:易燃性

#### Flammability Test (Textile Material/ Pile Fabric/ Pile Materials)

USA Title 16 CFR Part 1610

#### ASTM F963 EN71 Part 2

Europe EN71 Part 2 Canada Canada Consumer Product Safety Act Toys Regulations (SOR/2011-17) Section 32-34 Canada Consumer Product Safety Act Textile Flammability Regulations (SOR/2016-194) Australia AS/NZS

#### 8124 Part 2

Japan ST 2016 Part 2 China GB6675.3-2014 Toys Safety -Part 3: Flammability

#### Phthalates

USA ASTM F963 requests DEHP only CPSIA

	OF OFA
Europe	REACH Annex XV II entry
	51/52 Phthalates
Japan	ST 2016 Part 3
	Japan Food Sanitation Law
Australia	Consumer Protection Notice
	No.11 of 2011
Canada	Canada Phthalates Regulations
	(SOR/2016-188)

China GB6675.1 Toys Safety Part 1 Basic Code

#### **Physical & Mechanical Test**

USA CPSC & ASTM F963

Europe EN71 Part 1 Canada Canada Consumer Product Safety Act Toys Regulations (SOR/2011-17) Australia AS/NZS 8124 Part 1 Japan ST 2016 Part 1 China GB 6675.2-2014 Toys Safety -Part 2: Mechanical and Physical Properties GB 6675.1-2014 Toy Safety-Part 1: Basic Code

#### **Toxic Element Test**

- USA Title 16 CFR Part 1303 & ASTM F963; CPSIA
- Europe EN71 Part 3 Canada Canada Consumer Product Safety Act Toy Regulation (SOR/2011-17) Canada Consumer Product Containing Lead Regulation (SOR/2018-83) Canada Children Jewellery Regulation (SOR/2018-82) Australia AS/NZS 8124 Part 3

Japan	ST 2016 Part 3
	Japan Food Sanitation Law
China	GB 6675.4 Toys Safety-Part 4:
	Migration of Certain Elements

#### 易燃性测试(纺织原料/绒毛织物/绒 毛材料)

- 美国 《美国联邦法规》标题16第 1610部分 美国玩具安全标准ASTM F963
   欧洲 欧洲玩具安全标准EN 71第2部分 加拿大消费产品安全法之加拿大玩 具法规(SOR/2011-17)章节32-34
   加拿大消费产品安全法案之纺织 品燃烧法规(SOR/2016-194)
- 澳大利亚 澳大利亚玩具安全标准AS/NZS

   8124第2部分

   日本
   ST 2016第2部分

   中国
   GB6675.3-2014玩具安全
- 第3部分:易燃性

#### 邻苯二甲酸盐含量

- 美国玩具安全标准ASTM F963 (邻苯二甲酸二(2-乙基)己酯含量) 美国《消费品安全改进法案》
   欧洲 REACH 附录17第51/52项邻苯 二甲酸盐
   日本 ST 2016第3部分 日本食品卫生法
   澳大利亚 消费者保护2011第11号通告
   加拿大邻苯二甲酸盐法规 (SOR/2016-188)
- 中国 GB6675.1玩具安全第一部分: 总则

#### 物理及机械检测

美国	美国消费品安全委员会CPSC&美
	国玩具安全标准ASTM F963
欧洲	欧洲玩具安全标准EN 71第1部分

加拿大 加拿大消费产品安全法之加拿大 玩具法规(SOR/2011-17) 連大利亚 連大利亚玩具安全标准AS/NZS

厌八小亚	沃八竹亚机关文主你准A0/N20
	8124第1部分
日本	ST 2016第1部分
中国	GB 6675.2-2014玩具安全
	第2部分:机械与物理性能

GB 6675.1-2014玩具安全第1 部分: 总则

#### 有毒元素测试

美国	《美国联邦法规》第16章 1303&美国玩具安全标准
	ASTM F963; 部分 美国《消费品安全改进法案》CPSIA
欧洲 加拿大	欧洲玩具安全标准EN71第3 加拿大消费产品安全法之玩具法规 (SOR/2011-17)
	加拿大消费产品含铅法规 (SOR/2018-83)
	加拿大儿童珠宝首饰法规 (SOR/2018-82)

 澳大利亚 澳大利亚玩具安全标准AS/NZS 8124第3部分
 日本 ST 2016第3部分 日本食品卫生法
 中国 GB 6675.4玩具安全第4部分:

中国 GB 6675.4玩具安全第4部分 特定元素的迁移  These information are subject to changes due to new market requirements and SGS reserves its rights to change the content of this document without notice.

To stay ahead of the regulations, please visit to www.sqsqroup.com.cn

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## YOUR RELIABLE PARTNER IN TOY TESTING SERVICES DELIVER TRUST 产品测试服务领域值得信赖的合作伙伴

#### INTRODUCTION

Toys are designed and intended for children and are one of the most highly regulated products for the global market. It is important for manufacturers and importers to be aware of standards for toy safety before placing toys on the market. Many modern-day recalls are blamed on the violation of regulatory or non-regulatory requirements. These requirements can be chemicals requirements such as lead and phthalates or nonchemical requirements such as small parts or strangulation hazards. Both forms of hazards can cause serious injury to children during play.

SGS is at the forefront to meet the needs and requriements in toy safety for the modern-day market. Our laboratories are located in Hong Kong, Shenzhen, Ningbo, Shanghai, Changzhou and Qingdao which are accredited to international stadards such as China National Accreditation Scheme (CNAS) and the Hong Kong Accreditation Service (HKAS) for Conformity Assessment, both of which are signatories to the International Laboratory Accreditation Cooperation Mutual Recognition Arrangement (ILAC MRA).

## OUR EXPERTISE DELIVERS TRUST 专业传递信任

#### **ACCREDITATION FOR SGS TOYS & JUVENILE PRODUCTS LAB**

- China National Accreditation Service for Conformity Assessment (CNAS)
- China Metrology Accreditation (CMA)
- Hong Kong Accreditation Service (HKAS)
- United Kingdom Accreditation Service (UKAS)
- The Deutsche Akkreditierungsstelle GmbH (DAkkS)
- Coordenação Geral de Acreditação (CGCRE)
- GCC Accreditation Center (GAC)
- GCC Standardization Organization Notified Body (GSO)

#### **ICTI CODE OF BUSINESS PRACTICES**

ICTI is the International Council of Toy Industries which develops its code of business practices documents as part of its effort to reduce the proliferation of social compliance audits that factories are currently required to undergo. SGS is an ICTI accredited audit company for the ICTI Caring Awareness Responsibility and Ethics (CARE) Monitoring Process. ICTI is intended to build creditability with all concerned stakeholders.

#### 简介

玩具是针对儿童设计和开发的,也是全球 市场上受到高度管制的产品之一。因此在 玩具产品投放于市场前,生产商和进口商 都应注重于玩具产品安全的了解。当今许 多产品的召回都是由于违反了监管要求或 非监管要求。这些要求可以是化学成分要 求,例如铅和邻苯二甲酸盐含量,或是非 化学成分要求,例如玩具含小部件或是有 窒息危险。无论是哪种危险都将在儿童玩 玩具时对他们带来严重的伤害。

SGS以尖端的技术满足当今市场在玩具安全 领域的需求。我们在香港、深圳、宁波、上 海、常州和青岛都设有玩具实验室,实验 室亦符合多个国际性标准,如中国合格评 定国家认可委员会(CNAS)的认证以及香港 认可处(HKAS),以上两家机构都是国际实 验室认可合作组织多边互认协议(ILAC MRA) 的签署国。

#### SGS玩具及婴幼儿产品测试实验室资质

- 中国合格评定国家认可委员会(CNAS)
- 中国资质认可计量认证证书(CMA)
- 香港认可处(HKAS)
- 英国皇家认可委员会(UKAS)
- 德国国家认可委员会(DAkkS)
- 巴西国家认可机构(CGCRE)
- 海湾认可中心(GAC)
- 海湾合作委员会标准化组织制定机构 (GSO)

#### ICTI商业运作规范

ICTI 是指国际玩具工业理事会。其制定商。 业运作规范相关文件,从而努力减少目前 工厂必须经历不同类型的社会责任审核 SGS是一个经ICTI认可的审核公司,主力 针对ICTI营商四则"关爱社群"、"知情觉。 物"、"责任承担"以及"商业操守"的审计公 司。ICTI致力于与所有利益相关者建立诚信

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