



# TRUSTED FOR REAL LIFE

**SAFETY, QUALITY AND SUSTAINABILITY SOLUTIONS FOR  
THE DIY, TOOLS AND HARDWARE INDUSTRY**

## **BUILDING CONSUMER TRUST**

Do it yourself enthusiasts, hobbyists and professional tradesmen alike want to buy products that offer performance, quality and safety. Partner with SGS to deliver desirable, compliant products at competitive prices without compromising standards or profitability.

## **FOCUS ON CONSUMER EXPECTATIONS**

Manufacturers, importers and retailers are experiencing a growing burden of local, national and international regulation as well as increasing pressure from well-informed

consumers. From the raw material to the finished product and from its functionality to its regulatory compliance, the end user relies on the manufacturer to meet all these requirements. In turn, many of the world's biggest brands rely on us.

DIY tools and hardware cover a multitude of applications, each with their own risks. Hand and power tools have the potential to inflict serious injury. We help you minimise these risks, avoid unexpected costs and protect your brand through the early detection of ineffective product design, identification of hazards

or restricted materials and evaluation of product performance.

## **EVERYDAY PRODUCTS FOR EVERYDAY LIFE**

In a competitive market with a multitude of products, each of which can have several different quality levels, you need consumers to trust your brand.

With safety paramount and reliability high on the list of consumer demands, we have the experience and expertise to help you ensure customer satisfaction for a wide range of products:

- Hand Tools/Power Tools
- Tool Accessories
- Hardware
- Indoor/Outdoor Paint and Varnishes
- Building Materials
- Lawn and Garden Tools
- Home Improvement Products

### DELIVERING SOLUTIONS FOR REAL LIFE

Reduce costs and delivery lead times, improve product safety and reduce the environmental impact of your activities with our comprehensive range of testing, inspection, verification, certification and advisory services.

To help speed up your route to market we offer the broadest range of tailor made services to ensure safety, improve quality and performance, and promote sustainability in the supply chain, including:

#### Technical services

Our experts can give you valuable advice at the product development stage, saving you time and money as well as helping you to make corrective actions at the earliest stage in the process. Our expertise is your opportunity:

- Design evaluation
- Label and packaging review
- Writing and validation of technical specifications
- Technical interpretation
- Consumer panels (sensory tests)

#### Physical and performance testing

Physical and performance testing helps you to comply with applicable standards including:

- EN/UL 60745-1&2 for hand/power tools
- EN 61029-1&2 (safety) for portable/power tools
- EN 60335-1&2 (safety) for garden tools

Tests include hardness, durability, compression and tension, dimension, drop, torque, corrosion, climate test, artificial ageing, coating thickness and strength of attachment.

#### Chemical testing

Our chemical testing services for heavy metals, formaldehyde, phthalates and PAHs help you to comply with applicable standards including:

- EU REACH regulation, SVHCs
- California Proposition 65
- California Toxics Reduction in Chemicals Act

#### Paint and varnish testing

Paint and varnish which contain substances such as thinners, emulsifiers and preservatives which potentially come into contact with human hair, skin and eyes are also subject to product specific tests:

- Emissions: VOC (Volatile Organic Compounds) testing
- Ecotoxicity testing, identification and dosage of carcinogenic, mutagenic and toxic for reproduction substances (CMRs)
- Compliance with the European ecolabel

#### Electrical and electronic product specific tests

Operating all over the world our E&E specialists deliver of testing and certification services through a network of accredited multi test laboratories, including:

- Chemical testing/RoHS II (Restriction of certain Hazardous Substances)
- Product Safety
- Performance/Reliability testing
- Electromagnetic Compatibility (EMC)
- WEEE (Waste Electrical & Electronic Equipment Directive)

#### Product Inspection

Improve supplier performance and ensure that products shipped are compliant and of sufficient quality, with inspections, including:

- Initial production
- During production
- Final random inspection
- Loading supervision

#### Audits & Certification

Demonstrate your commitment to quality, safety and sustainability with assessment against a variety of national and international standards such as quality and performance mark certification, CE marking, EMC, electrical safety and social responsibility.

Our industry, regulatory and technical expertise coupled with testing facilities strategically located around the world, means that we are the partner to trust.

### THINKING SUSTAINABLY

Consumer interest in environmental, social and health debates such as global warming, human rights and the risks posed by chemical substances have highlighted the need to deliver eco-friendly products. Addressing impacts across a product's life cycle can lower your costs by making energy savings and optimising both material consumption and your packaging and logistics.

Our global network of sustainability experts can support your company to deliver its strategy by offering a range of services covering the environmental, safety and social aspects of sustainability:

- Ecodesign services
- Restricted substances management
- Life cycle & carbon footprint analysis

### TRUSTED FOR REAL LIFE - WITH SGS

SGS is a trusted, independent third party service provider. We provide a single consolidated source for tailored services, consulting solutions and technical assistance to reduce risks, improve efficiency and quality.

We can fulfil all your testing, certification, technical assistance, audit, inspection and verification needs. Our extensive resources and expert knowledge of the industry allow us to provide reliable performance services to suppliers, manufacturers and retailers.

### A GLOBAL REACH WITH A LOCAL TOUCH

With a presence in every region around the globe, our experts speak the local language and understand the culture of the local market. We have a harmonised approach leveraging the largest independent network of consumer product experts in the world.

For more information please contact your local SGS representative or our global team: [consumer.products@sgs.com](mailto:consumer.products@sgs.com) or visit: [www.sgs.com/hardgoods](http://www.sgs.com/hardgoods)

WHEN YOU NEED TO BE SURE

SGS