

# SGS Fire Safety Services

Making Safer Environments

**SGS**



A photograph showing a fire test on a mattress. A large, bright flame is being applied to the center of a mattress with blue and white striped fabric. The test is taking place in a dark, industrial-looking environment with metal frames visible in the foreground.

**THREE MINUTES** – that is all it takes for a house fire to go from **0 to 1,110°C**.

Fire spreads quickly, temperatures increase rapidly, and smoke soon makes it impossible to see and breathe.

An estimated 700-800 million fires occur every year around the globe and 80% of these are domestic. In Europe, twelve people are killed every day by fire and a further 120 are injured.

Of the seven billion people on the planet, only two billion are reckoned to have sufficient fire safety coverage. Five billion people are at risk of injury or death by fire.

### **SGS FIRE SAFETY TESTING**

In today's global economy consumer goods must comply with many differing regulations and standards. UK legislation relating to the flammability of furniture and furnishings is key and has extremely specific and strict requirements governing those products placed on the UK market.

The current legislation which has been in place since 1988 sets levels for resistance for domestic upholstered furniture and other products containing upholstery. The following product categories fall under the current legislation.

- Upholstered furniture in a private dwelling
- Padded headboards, mattress fillings and mattress toppers
- Sofa beds, futons, and other convertible furniture
- Nursery and Garden furniture
- Furniture in Caravans
- Scatter cushions, bean bags, pillows, and seat pads
- Loose and stretch covers for upholstered furniture including aftermarket throws



# Offering a wide range of solutions to support you along your journey

## **SGS LAB TESTING**

To ensure compliance SGS Leicester has the capability and capacity to fulfill all your flammability needs along with technical expertise to guide you through the regulations.

Our comprehensive UKAS accredited testing scope can support you with our wide range of services covering:

- BS 5852 part 1: 1979
- BS 5852 part 2: 1982
- BS 7175: 1989
- BS 7176: 2007
- BS 7177: 2008
- BS 6807: 2006
- BS 6807: 2006
- BS EN ISO 1021: 2014
- BS EN ISO 1021: 2014
- BS EN ISO 12952: -1 2010
- BS EN ISO 12952-2: 2011
- BS 5867-2: 2008

Services also include children's nightwear, children's dress up costumes and candle testing.

## **SGS TRAINING**

SGS Leicester has the technical knowledge to guide you through these regulations and ensure our product and components comply to all relevant standards.

Training courses can be offered for you to better understand these requirements and can be tailor made to your specific needs.

This will also include witness testing within the laboratory to put into practice your learnings.



# Trusted. Independent. Committed.

## Contact us

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**SGS**

When you need to be sure