



SATISFY THE SAME MACHINERY REQUIREMENTS

IMPROVE YOUR MACHINERY'S SAFETY

Consumers within the European Economic Area (EEA) are protected from dangerous machinery and related safety components by the Machinery Directive 98/37/EC. To manufacture or market machinery within member countries the manufacturer, or their representative, must ensure compliance.

WHAT IS MACHINERY?

Machinery is defined as an assembly of linked parts or components of which at least one moves. It includes interchangeable equipment that modifies a machine's function as well as any safety components.

Safe machinery, as defined by the Directive, poses no mechanical or electrical danger. It does not overheat or develop high temperatures that could endanger the operator, other people or animals. Noise levels stay within the permitted range. Manufacturing materials present no danger when safe machinery is used. Additionally, it will not pose any danger of radiation and be ergonomically designed.

THE REQUIREMENTS

The Directive includes the essential health and safety requirements for machinery and safety components marketed and used within the EEA when they are first placed on the market. This applies equally to new products and second-hand machinery when it is first imported from a non-EU country. Such products include saws for woodworking, chain saws, surface planing machines, circular saws and band saws.

Most safety components require CE Marking, even if they contain non-moving parts. In addition to compliance with the Directive, the manufacturer, or representative, must ensure any machinery fulfils the requirements of any other applicable directives, for example the Low Voltage and Electromagnetic Compatibility (EMC) Directive. These apply to all electrical and electronic goods.



Low voltage compliance ensures a product's safety in everyday use and EMC testing verifies that the equipment neither introduces intolerable electromagnetic disturbances, nor is affected by such disturbance.

Safe equipment does not cause danger to people, domestic animals or property when correctly installed and serviced.

RISK ASSESSMENT, TESTING AND INSPECTION

As a Notified Body SGS can help you demonstrate compliance, complete the required testing and prepare the necessary evidence. We carry out the risk assessment required by the Directive and design a testing and inspection scheme for your product. Our skilled and experienced staff carry out the necessary tests, either at our facilities or at the customer's premises, using our portable measuring equipment.

ENSURE YOUR MACHINERY'S SAFETY

At SGS our skilled and experienced auditors:

- Clarify which directives and standards apply to your product and can make a preliminary inspection at the product development stage
- Help you devise the technical construction file and ensure it fulfils the requirements of the directive
- Offer advice and make sure that the service manual and user's guide fulfil the relevant requirements - giving details on the correct use and servicing of the machinery
- Will keep your documentation for the required period - our services also include updating the technical construction file to reflect changes in the product
- Give you an impartial view of how well your Quality System works. We can also grant a Quality System Certificate to support your marketing both at home and abroad

DEMONSTRATING QUALITY

An effective and tailored Quality System implemented for your production process will ensure that all products meet the Directive's quality criteria. Successful application will ensure that you receive a Statement of Conformity or an Investigation Report based on our testing and inspections for the Manufacturer's Declaration of Conformity.

WHY SGS?

Our expertise in compliance management will help you to make the right choices for different national markets, while carrying out the necessary testing and certification quickly and professionally. The combination of annual audits of quality and environmental management systems, product certification and occupational health and safety management systems will save you money and time.

With our global network of testing laboratories qualified to test electrical and electronic products to a wide range of standards, we are your ideal partner to help you comply with the Machinery Directive and facilitate your access to markets across the EEA and beyond.

CONTACT US

To learn more about how SGS can help you, please visit:

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WHEN YOU NEED TO BE SURE

SGS