

# Specific approval for systems and components

## Get yourself a competitive advantage

### A challenge to your business

Different national and international standards regulate access to markets around the world. Statutory requirements simply have to be fulfilled. Non-compliance with these rules and regulations can have serious financial consequences and damage your reputation. Globalisation means your production sites may well be thousands of miles from your place of business, and may well be located in countries with a very different culture and quality standards. Complicating factors such as these can have a negative effect on the quality of your products and processes. Besides, many manufacturers are becoming increasingly aware of the advantages of product or process evaluation through an independent, third-party organisation such as Germanischer Lloyd.

### The solution you need

As a leading global player in the certification and classification business, Germanischer Lloyd (GL) knows the relevant rules and regulations of the world's markets, as well as the problems that can crop up through cultural differences on remote production sites. Our experts can conduct evaluations and assessments of your products, processes, hardware, software and indeed your entire organisation. Upon successful completion of precisely detailed procedures, we will issue globally accepted certificates as proof of compliance with national or international standards, rules or regulations. As an internationally renowned and independent third party, we can verify the conformity with relevant rules and standards of your products. Moreover, if our assessments are positive, you can rest assured that your products and processes are future-proof and will meet your customers' needs now and in future.

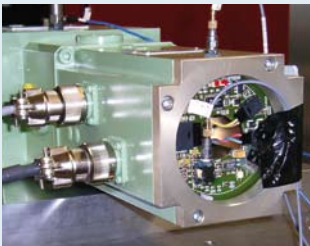
### GL – your best partner

Why choose GL for specific approval? You can rest assured that these services are carried out by highly qualified experts with many years of experience and product, process or organisational expertise in the respective industry. This paves the way for smooth and efficient approval processes and also ensures global acceptance and recognition of the quality of whatever you have had approved.

### Benefits that make all the difference

- Independent third-party confirmation of the suitability of your products and processes
- Minimisation of the time, effort and expense required for international approvals through GL's in-depth market know-how
- Proof to your customers that you take your quality responsibilities seriously
- GL approvals can be used as an effective marketing tool
- Competitive advantage through faster time-to-market or independent confirmation of a unique selling proposition (USP)
- Assured quality in complex global sourcing processes
- No risk of certificates running out, thanks to GL's reminder service
- Publication of your certificates on the GL website, a quality reference for existing and potential customers worldwide

## Application samples



## The GL approval process

National and international standards of relevance to your product as well as GL Rules and Guidelines form the basis for testing your products and evaluating your services. Our approval process is as follows:

### Submission of application and specification documents to GL

Application for approval is sent to GL head office.

### GL makes firm quotation to customer

Evaluation of time and cost on the basis of projected expenditure.

### Contract awarded to GL

GL is commissioned to carry out verification of all documents as well as participation in technical tests agreed upon.

### Examination and evaluation of documents submitted to GL

The documents are examined for conformity with specified requirements and to ensure they meet the criteria for the intended application (General Drawing Approval).

### Determination of scope of testing

The scope of testing is set in consultation with the customer.

### If necessary: testing of product

The tests are carried out on the basis of the specified requirements and standards. Generally a product expert from GL is present during testing. The test laboratory is selected by the customer after consultation with GL.

### If necessary: product audit

Production facilities are inspected to verify that the relevant quality standards are met.

### General Drawing Approval

Valid - 5 years

### GL Approval Certificate

Valid - 5 years

After successful completion of the relevant process, GL issues an approval certificate. The certificate expires after five years. In order to guarantee five-year validity, measures must be in place to continue upholding the standard to which units were tested. If any modifications are carried out, the necessary information must be forwarded so that re-examination can be conducted.

## One-stop shopping at GL

You can save yourself time, money and a great deal of effort by combining this service with other services provided by GL, e.g. certification to **ISO 9001:2008**, **Alternative Product Certification (APC)**, **Manufacturer Approvals** or certifications/approvals according to EU Directives, e.g. **Pressure Equipment Directive (PED)**.

Please take an information tour on our homepage [www.gl-group.com/supplyindustry](http://www.gl-group.com/supplyindustry) for more combinable products and services.

### Germanischer Lloyd AG

Approvals - Machinery and System Components

Phone: +49 40 36149-569

systems.components@gl-group.com · [www.gl-group.com/approvals](http://www.gl-group.com/approvals)

### Germanischer Lloyd AG

Approvals - Electrical Systems and Automation

Phone: +49 40 36149-9591, -346

automation@gl-group.com · [www.gl-group.com/approvals](http://www.gl-group.com/approvals)