

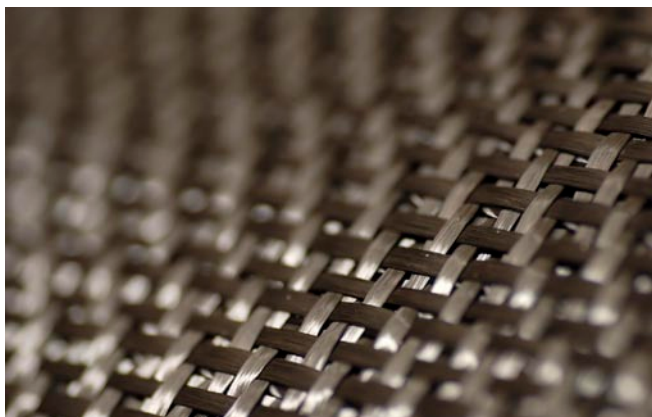


GL services for material manufacturers

Reliability in sourcing and supplies

A challenge to your business

Reliable materials are the seedbed for innovations. Every new idea is dependent on strong and reliable material properties if it is to end up as an innovative product. But how can manufacturers of finished products, for example, know that your materials are up to standard? Only if the quality of your materials and manufacturing processes has been approved by an independent and internationally reputable surveyance organisation can your customers be certain they are sourcing reliable materials that meet their requirements.



GL not only specialises in metal-based materials but also provides approval services for resins, fibres and reinforced composites.

The solution you need

Germanischer Lloyd (GL) provides integrated certification and assessment services for materials, manufacturers and manufacturing processes in a wide range of major markets, e.g. the maritime and offshore industries, power generation, the civil engineering and construction business, plant construction and the pressure equipment industry.

Our classification and certification portfolio includes:

- Approval of manufacturers, materials and processes according to GL Rules as well as other internationally recognised standards and customer specifications
- Inspection and certification of Factory Production Control according to the European Construction Product Directive (CPD - 89/106/EEC)
- Testing, inspection and certification of construction products according to the German national construction regulation ("Ü")
- Assessment of material manufacturers and European Material Approval (EMA) according to the European Pressure Equipment Directive (PED – 97/23/EC)



GL offers combined certification and approval procedures for various application areas of your products and is therefore the ideal partner for certifying your company.



If required, GL accompanies your production all the way from casting to final delivery.

GL – your best partner

Why choose GL for these classification and certification services? GL can point to a wealth of experience and expertise in every field of material manufacturing, processing and distribution. We are one of only a few accredited organisations worldwide to provide integrated certification services – from raw materials to the supply of semi-finished products. What's more, our reputation as one of the world's leading classification societies acts as a quality seal of approval for your business.

The businesses we serve

- **Primary production of materials**, e.g. iron and steel, non-ferrous metals, resins and fibres for non-metallic components
- **Fabrication of products**, e.g. forgings, plates, pipes and tubes, polymers and fibre-reinforced composites
- **Material processing and distribution**, e.g. material service centres, heat treatment workshops, materials supplier, etc.

Benefits that make all the difference

- A global network (represented in more than 80 countries) with knowledge of your local needs
- A satisfactory conclusion to any assignment thanks to GL's extensive experience
- Global acceptance of GL's certification and assessment services as an evidence of their top quality
- Inclusion in GL's internet list of approved manufacturers
- No risks of certificates running out thanks to GL's reminder service

One-stop shopping at GL

Why not save yourself time and money by taking advantage of the many other certification, approval and audit services GL provides? For example, GL offers **certification to the EU's Construction Product Directive (CPD) and Pressure Equipment Directive (PED), quality management audits**, e.g. **ISO 9001**, approval by **GL Rules**, e.g. for wind turbines and offshore installations, and last but not least, the so-called **EU Eco-Audits (Eco-Management and Audit Schemes)**.

Please take an information tour on our homepage www.gl-group.com/supplyindustry for more combinable services.

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