

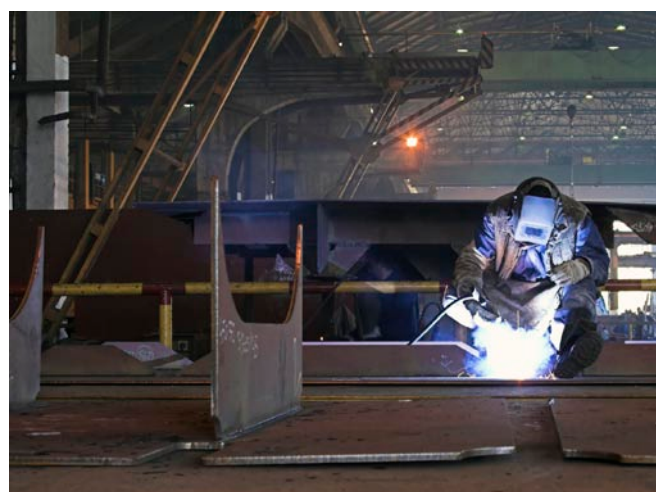


Welding Workshop Approval

A worldwide seal of quality

A challenge to your business

Worldwide, the demands on welding workshops are rising. Specific standards apply in different fields of application, such as shipbuilding, civil engineering or pressure equipment, and are often difficult to interpret. Although customers' expectations and requirements vary greatly, the key to success is ensuring they are met. In an environment such as this it is a big advantage to have a knowledgeable and reliable partner such as Germanischer Lloyd (GL).



Ensuring best possible results with GL qualified welders

The solution you need

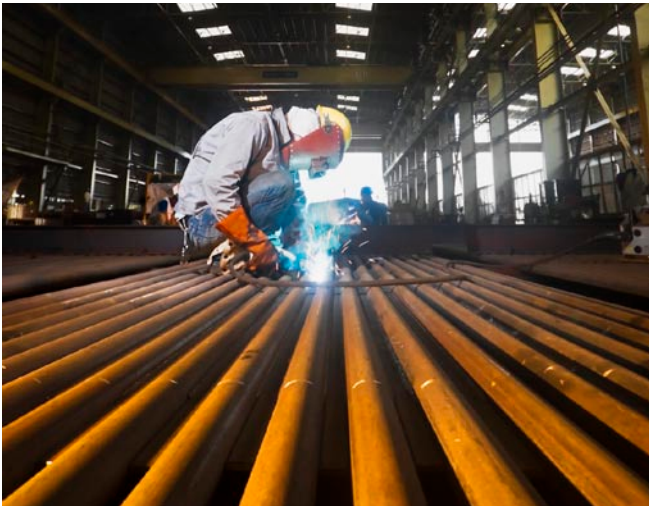
If your welding workshop is certified by GL, you and your customers can be sure that you are fit to meet these rising requirements. GL Certification complies with international standards and is thus accepted as a third-party certification all over the world. We will certify that your welding workshop operates with approved production facilities, working procedures and qualified personnel. GL approval is a key prerequisite for manufacturing welded products of the required quality – and ensuring they will perform the function expected of them for the service life of the structure or vessel in question.

The services we offer:

- **Welding workshop approvals**, e.g. according to the GL Rules for Welding, the EU Pressure Equipment Directive (PED), AD 2000 HP 0, EN ISO 3834, DIN 2303, DIN 18800-7, EN 1090, EN 15085-2, DIN 4099 or DIN 4113
- **Reminder service** for approval certificates that are about to expire
- **Listing of your workshop** in the Approval Finder on the GL website

GL – your best partner

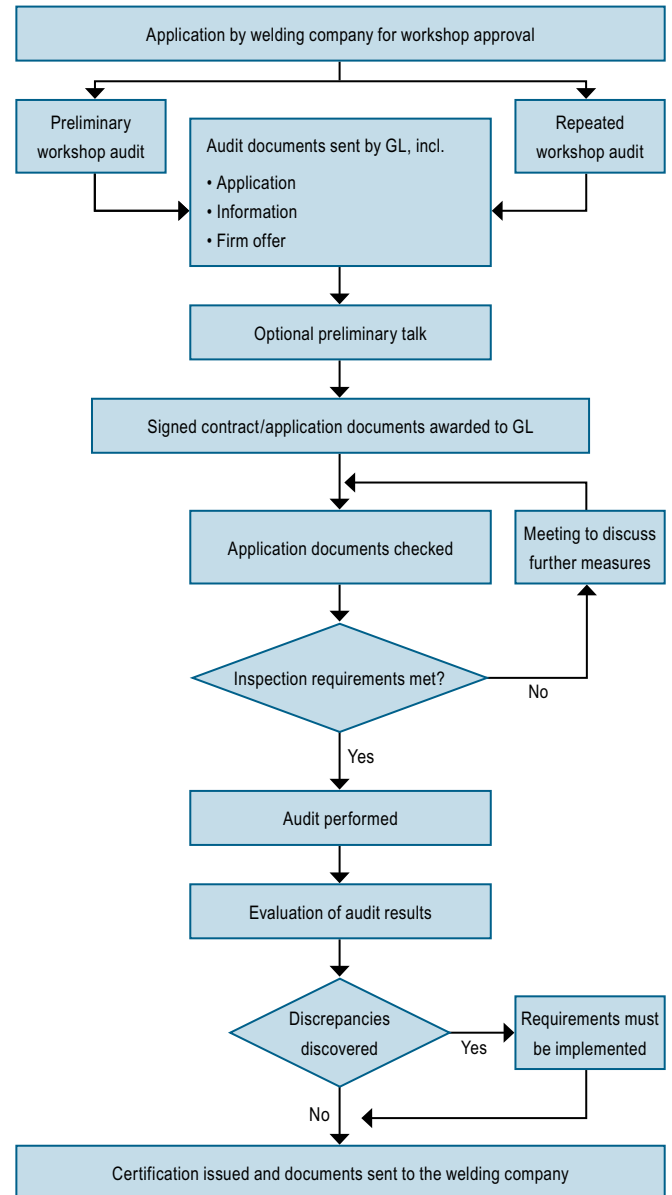
Why turn to GL for a welding workshop approval? At GL we can point to over 140 years of experience in certification and safety services for the maritime sector and an engineering expertise that is second-to-none. Moreover, you can be sure of fast and friendly service to facilitate the approval process.



Welding certification – the key to jobs involving welding work on pipelines

Benefits that make all the difference

- Quality and reliability certified by the GL seal of approval
- Cost efficiency thanks to only one inspection visit for different kinds of welding approval certificates
- Increased profitability through fewer customer complaints and repairs during the lifetime of a vessel
- No risk of certificates running out thanks to GL's reminder service



Certification process at GL

One-stop shopping at GL

Why not take advantage of GL's broad product and service portfolio! The list below contains an overview of the wide spectrum of welding services provided by GL. What's more, you can save time and money by combining welding workshop approval with other certification services provided by GL, e.g. **ISO 9001** or **ISO 14001**.

Workshop approvals according to:

GL Rules, EN ISO 3834-2 to -4, DIN 2303, DIN 18800-7, EN 1090, EN 15085-2, EN 17660, DIN EN 4113 or EU Pressure Equipment Directive (PED), AD 2000 HP 0

Welders and operators qualification according to:

DIN EN 287, EN ISO 9606, EN 1418, ISO 14732, AWS D1.1, AWS D3.6M, AD 2000 HP 3, EN 14555, ISO 15618-1, ASME sec. IX, EN 13133 (brazers)



Welding procedure tests according to:

GL Rules for Welding, EN ISO 15614-1 to -13, EN ISO 14555 (stud welding), EN 13134 (brazing), AD 2000 HP 2/1

Approval of NDT workshops

Please take an information tour on our homepage www.gl-group.com/supplyindustry for more one-stop shopping opportunities.