



Certification of hyperbaric medical treatment chambers

How you profit from our experience

A challenge to your business

Hyperbaric treatment chambers that are intended for use in Europe have to be built and certified according to the European Directives 93/42/EEC “Medical Devices” and 97/23/EC “Pressure Equipment” to ensure that they comply with the relevant European health and safety requirements. Since the certification requires expertise in both fields, you are best served by a highly reputable and experienced classification society with international medical and pressure technology know-how. After all, your company’s reputation depends on the certified quality of your products.

The solution you need

Germanischer Lloyd (GL) tests and certifies medical treatment chambers used for hyperbaric oxygen therapy and specialised medical devices for use inside these chambers according to the European standard EN 14931 and other internationally recognised standards. The certification process is carried out in close collaboration with GL’s subsidiary MEDCERT. Moreover, GL offers certification services in this field worldwide.

In close cooperation with manufacturers and medical experts, GL also supports you in new requirements such as the development of a goal-based standard for fire-fighting systems in hyperbaric chambers.



GL certification of chamber equipment for safe operation



Rectangular hyperbaric chamber from manufacturer Haux

GL – your best partner

Why chose GL for certification of medical treatment chambers? The main reason is undoubtedly GL's experience in the pressure technology field – in both medical and maritime environments. For example, GL has tested more than 100 different types of newly installed hyperbaric medical treatment chambers and conducted over 2,000 periodical surveys at locations all over the world. Furthermore, GL not only chairs the European Standardisation Committee for Hyperbaric Chambers but is also the only technical inspection society on this key committee, which is otherwise manned by manufacturers, operators and representatives of the medical profession. Last but not least, GL is one of the world's leading IACS classification societies for underwater and diving technology and for naval and civil submarines – further evidence of GL's unparalleled expertise and experience in pressure vessels.



Hospitals can also be equipped with a GL inspected and certified hyperbaric medical treatment chamber

Benefits that make all the difference

- More than 30 years of experience in risk-based classification and certification in the underwater technology field, specially in hyperbaric medical treatment technology
- Transfer of this know-how to medical chambers and devices for hyperbaric therapy
- State-of-the-art safety expertise to safeguard your investment for a better ROI
- Global network of highly experienced engineers and surveyors in 208 offices around the world
- Flexible, customer-oriented approach to help you find safe and reliable solutions



GL provides sophisticated solutions for multifaceted challenges

One-stop shopping at GL

GL's broad portfolio gives you a broad choice of additional pressure-related services. For example, you can take advantage of various services for the **certification of pressure vessels**, e.g. according to the Pressure Equipment Directive (PED), **diver pressure chambers**, **diving systems** and **diving simulators**. In addition, you may well require the relevant **ISO certification**, **GL's welding-related approval and testing services** or our **certification and assessment services for material manufacturers**. Furthermore, we can also offer quality management system audits such as **ISO 9001:2008**.

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

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