



特別民間法人

高压ガス保安協会
The High Pressure Gas Safety Institute of Japan

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For safety and security To protect people's life

The High Pressure Gas Safety Institute of Japan (KHK), a specialized institute ensuring high pressure gas safety, was established in 1963 based on the High Pressure Gas Safety Act (Act No. 204 of June 7, 1951) for the purpose of conducting such services as investigation, research, guidance and inspection related to the safety of high pressure gas in order to help prevent accidents and disasters due to high pressure gas. It was then privatized in 1986.

KHK strives for timely conduct of activities backed by fairness and highly specialized expertise. Besides statutory services such as inspection of high pressure gas equipment and vessels, national qualifying examinations and qualification training courses, KHK is also involved in a wide range of other activities related to high pressure gas safety, including studies on accidents, development of technical standards, ISO certification, and technical cooperation with foreign organizations.

In addition, KHK has positioned hydrogen, a next-generation energy source, as a future pillar of its activities. KHK will make full use of the technical knowledge that it has cultivated so far, advance efforts in terms of both safety and development of hydrogen, and actively contribute to the realization of carbon neutrality by 2050.

For the safety and security to protect people's life, KHK will continue to provide fair and high-quality services comprehensively through various activities, including the prevention of disasters caused by high pressure gas, promotion of autonomous safety activities, assurance of the safety and security of Liquefied Petroleum Gas (LPG) consumers, and improvement of corporate management systems. KHK looks forward to the continued guidance and encouragement of its members and related industries.



KONDO Kenji

Chairman

The High Pressure Gas
Safety Institute of Japan

KHK acts as the core institution of high pressure gas safety in Japan through the wide range of activities.



Development of technical standards (KHK Standards)

KHK develops technical standards required to ensure safety in the handling of high pressure gas, including the production, sale, consumption, and transportation of high pressure gas and to promote self-regulated safety activities.

- Of the standards established, 35 standards are utilized by the Japanese government as a supplement to laws and regulations.
- KHK provides advice and suggestions to the Minister of Economy, Trade and Industry concerning technical matters relating to the high pressure gas safety.



Inspection and certification in accordance with the High Pressure Gas Safety Act

KHK confirms the safety of high pressure gas equipment, vessels, etc., and conducts investigations for accreditation related to the safety management system of business operators.

- Inspection of cold evaporators, heat exchangers, compressors, and refrigerators.
- Inspection of containers and container valves
- Certification of LPG detectors, carbon monoxide detectors, etc.
- Investigation for accreditation of industrial complex operators, etc., and assessment of seismic reinforcement.



Study and provision of information on accidents involving high pressure gas and LPG, and overseas activities.

KHK collects and analyzes information on high pressure gas-related accidents that have occurred in Japan and overseas, and strives to promptly disseminate information. KHK also provides support activities as a contact point for consultation and technical cooperation from overseas.



Toward the realization of social implementation of hydrogen

With an eye on the important role hydrogen is expected to play as a zero-carbon fuel that does not emit CO₂ (carbon dioxide) during combustion, KHK is working to realize safe and secure social implementation of hydrogen.

- Development of hydrogen-related technical standards
- Participation in hydrogen and ammonia-related organizations, etc., and strengthening of cooperation.
- Provision of new services to promote the widespread use of hydrogen
- Dissemination of hydrogen-related information
- Surveys on overseas trends and international standards related to hydrogen



National qualifying examinations and statutory qualification training courses

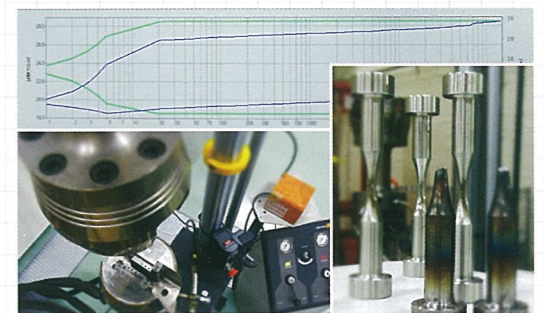
KHK conducts national qualifying examinations nationwide in accordance with the High Pressure Gas Safety Act and the Act on the Securing of Safety and the Optimization of Transaction of Liquefied Petroleum Gas. KHK also provides qualification training courses, statutory training courses required after qualification, and various safety seminars.

- Twelve national qualifying examinations
- Online training courses and seminars
- Visiting training courses
- Sale of books and other publications such as law and regulation handbooks, training course textbooks, and KHK Standards.



Research and development and commissioned tests for the improvement of safety

The Research & Development Center (Machida-shi, Tokyo) accumulates basic data on various materials and conducts tests commissioned by the national government and private companies and organizations, such as fatigue cycle tests for pressure vessels.



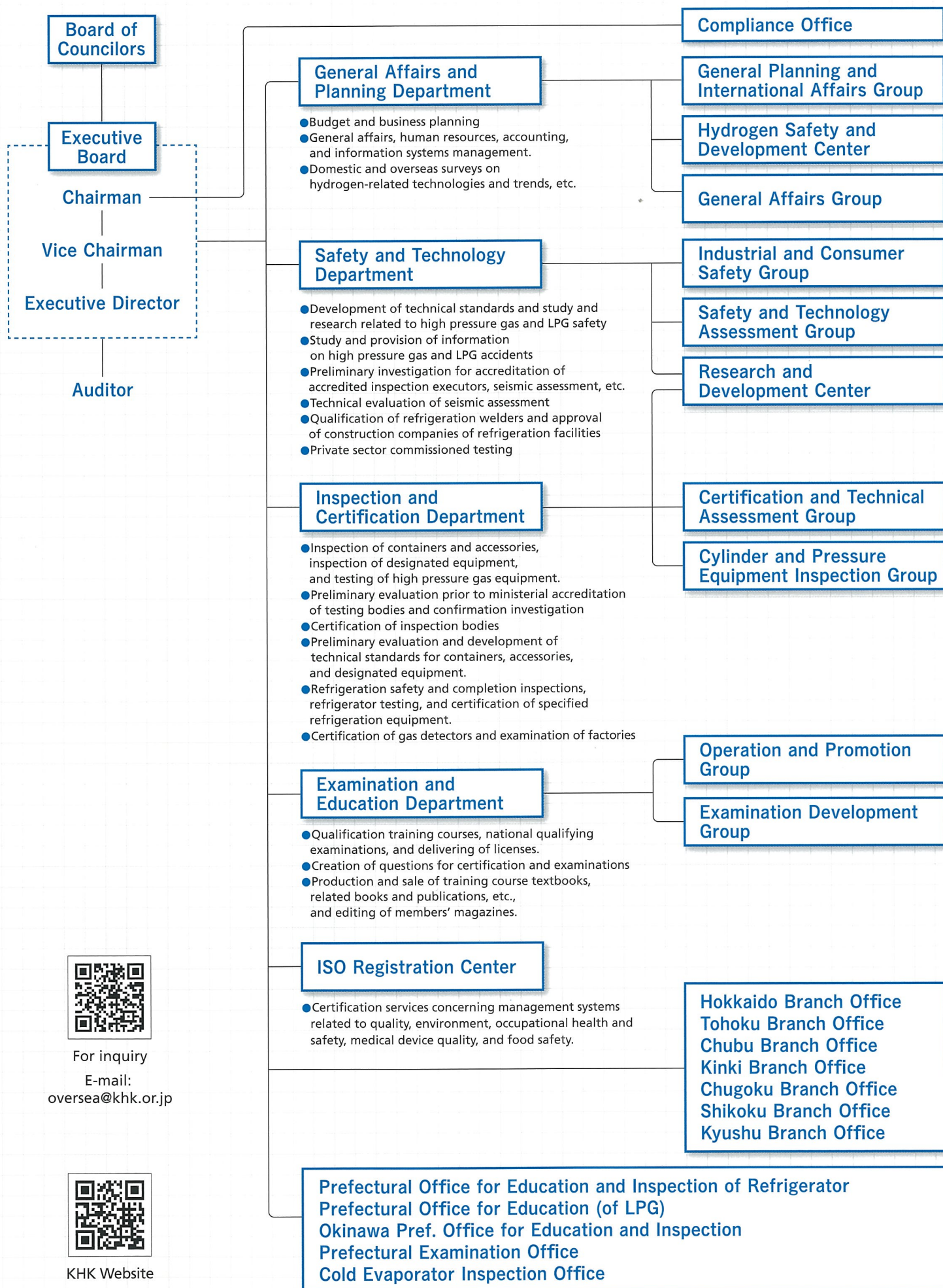
Certification (registration) of management systems

KHK provides certification services for various ISO management systems, utilizing its experience and knowledge in inspection and certification work, etc., and its extensive technical capabilities. KHK also provides various events, seminars, and members' magazines for companies planning to be certified, in cooperation with support organizations.



- Quality (ISO 9001)
- Environment (ISO 14001)
- Occupational health and safety (ISO 45001)
- Medical device quality (ISO 13485)
- Food safety (ISO 22000)





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KHK Website