

THE CHLORINE INSTITUTE, INC.
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CMA 110791

THE VALUE OF INSTITUTE MEMBERSHIP

A major challenge today for the chlor-alkali industry is to enhance the public's trust that the industry safely delivers the benefits of chlorine while successfully managing any associated risks. Meeting the challenge goes beyond just complying with regulations. Trust is built through dedicated stewardship.

Work with the technical and management leadership of the chlor-alkali industry to produce the tools for developing trust through stewardship and to address the constantly increasing regulatory requirements, and to be dedicated stewards.

Network on technical challenges and issues.

Help shape new voluntary guidelines and recommendations on procedures, practices, materials, equipment, training and emergency response to minimize safety, protect the environment and advance stewardship.

Identify cost-effective ways to implement improvements.

Develop CI policy and responses to government initiatives on safety, health and environmental protection.

Attend Institute meetings, trade shows, and seminars.

Receive priority attention from CI staff to your technical and regulatory inquiries and easy access to all staff.

Have access to information on committee programs, projects and accomplishments.

Secure timely reports on regulatory developments and other information pertinent to your operations.

Obtain reduced prices on CI publications.

The representatives of the companies in the Institute and the Institute's staff work together as a team to meet the needs of the industry and society.



MISSION STATEMENT

The Chlorine Institute, Inc. exists to support the chlor-alkali industry and serve the public by fostering the continuous evaluation of and improvements to safety and the protection of human health and the environment connected with the production, distribution and use of chlorine, sodium and potassium hydroxides, and sodium hypochlorite, and the distribution and use of hydrogen chloride. The Institute meets this obligation by maintaining a scientific and technical organization that fully meets its members' and public's needs and expectations. The Institute works with governmental agencies to encourage the use of credible science and technology in developing regulations impacting the industry.

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A Responsible Care® Partnership Association
Chlor-Alkali Safety and Stewardship since 1924

July 1996

INSTITUTE GOALS

- Continuous Improvement in the Safety, Human Health and Environmental Protection Performance of Chlor-Alkali Producers, Packagers and Distributors, and Users
- Scientifically Based Government Regulations
- Public Recognition of the Institute's Members as Responsible Stewards
- Public Confidence in The Chlorine Institute, Inc.

WH WE ARE

The Chlorine Institute, Inc., founded in 1924, is a trade association of companies and other entities that are involved or interested in the safe production, distribution and use of chlorine, sodium and potassium hydroxides, and sodium hypochlorite, and the distribution and use of hydrogen chloride. The Institute has 210 members located in the U.S., Canada, Mexico, Central and South America and overseas countries.

Institute members account for 98 percent of the U.S. production of chlorine and related alkali chemicals — about 26 million tons of material annually.

Because of chlorine's nature and its widespread and varied use, the promotion of its safe handling has long been an accepted responsibility of its producers, packagers, distributors and users. The Institute is the focal point for their joint efforts.

The Chlorine Institute is a Partner Association in the Chemical Manufacturers Association's Responsible Care® Initiative and Institute members are encouraged to adopt the elements of a similar responsible care program.

MEMBERSHIP INFORMATION

MEMBERSHIP CRITERIA

Any company engaged in the production, packaging, distribution or use of chlorine (caustic soda, caustic potash, sodium hypochlorite, the distribution and use of hydrogen chloride, or any company interested in the development and improvement of the chlor-alkali industry) is eligible for membership. The four categories of membership are as follows:

North American Producer Membership is open to companies that produce chlorine, caustic soda or caustic potash in the United States, Canada and Mexico. Institute members account for 98 percent of U.S. production of chlorine and related alkali chemicals. North American Producer members pay annual dues plus an annual assessment based on chlorine production and shipments over a specific 12-month period. The assessment rate is determined annually by the Board of Directors.

Packager Membership is open to companies located in North America that package chlorine in 100- or 150-pound cylinders, or one-ton containers. Packager members pay annual dues plus an annual assessment based on tons of chlorine packaged over a specified 12-month period. The first five largest packaging plants of any one member company are assessed at the full rate; the second five are assessed at half the rate; above 10 plants are assessed in any category at one quarter the rate.

Overseas Producer Membership is open to companies located outside the United States, Canada, and Mexico that produce chlorine, caustic soda or caustic potash. Overseas Producers pay annual dues.

Associate Membership is open to all other companies with an interest in the chlor-alkali industry. Among them: makers of equipment for producing, handling, shipping and dispensing chlorine, bleach producers, salt suppliers, chlorine consumers, water and wastewater treatment facilities, pool chlorinators, and designers and builders of chlorine plants. Associate members pay annual dues.

COMMITTEE OPPORTUNITIES

The Institute has thirteen committees, two dating from the 1920s. Each committee is actively addressing safety and other technical and regulatory issues. The committees develop technical recommendations in the form of pamphlets, drawings, and audio/visuals on safety, and worker and environmental protection practices, and interact with regulatory agencies on such matters. The Institute's committees develop comments on regulations and laws affecting the industry. Committee meetings frequently are held in Washington as well during the Institute's twice yearly meetings. The interchange of technical information at all CI meetings is an extremely valuable benefit of CI membership.

There are two categories of committee membership - voting and non-voting. Voting members have a three-year term of office and are appointed by the Executive Committee of the Board of Directors upon recommendation of the CI president. Voting and non-voting members receive meeting notices, minutes of meetings and other mailings oriented to that group's programs and interests.

The thirteen committees are:

THE CHLOREP COMMITTEE

is responsible for the North American Chlorine Emergency Plan, emergency response training, and emergency equipment design.

THE COMMUNICATIONS COMMITTEE

is responsible for strategy and materials development for public, community, media and member communications.

THE ENVIRONMENT AND HEALTH COMMITTEE

addresses issues on environmental protection, pollution abatement, occupational health, and toxicology.

THE GOVERNMENT RELATIONS COMMITTEE

deals with federal legislative affairs for the Institute.

THE HYDROGEN CHLORIDE COMMITTEES

(Anhydrous and Hydrochloric Acid) act on specific issues associated with the distribution and use of hydrogen chloride.

THE PACKAGING COMMITTEE

addresses the specific needs of members engaged in packaging chlorine in one-ton containers and cylinders (100-lb or 150-lb). The Packager Executive Group provides project and program review, and oversight to this committee.

THE PLANT OPERATIONS AND SAFETY COMMITTEE

runs annual chlorine plant safety seminars, establishes criteria for in-plant emergency plans, and develops operational, electrical, and other safety guidelines.

THE PROPERTIES, ANALYSIS AND SPECIFICATIONS COMMITTEE

develops analytical testing methods for chlorine, caustic, mercury and other materials involved in chlor-alkali operations.

THE SODIUM HYPOCHLORITE COMMITTEE

acts on all issues pertaining to sodium hypochlorite, including safety in its production, storage, handling and distribution.

THE SWIMMING POOL APPLICATORS COMMITTEE

addresses the safety and technical needs of the swimming pool gas applicators industry.

THE STORAGE AND TRANSPORT COMMITTEE

develops recommendations on specifications for design, construction and maintenance of chlorine bulk transfers (rail, truck and barge) and stationary storage.

THE TRANSPORTATION COMMITTEE

addresses various aspects of chlorine and caustic transportation by rail, highway and barge.

CONTINUING PERFORMANCE IMPROVEMENTS

New safety-related materials (pamphlets, drawings, and audio/visuals) are produced every year by the Institute's committees. Existing materials are reviewed and revised as appropriate to ensure that the information is accurate and up to date. CI currently has over 150 publications, drawings and audio-visual materials in its publications catalog.

- Annually, each member company certifies in writing that each of its facilities has a set of applicable, up-to-date CI pamphlets, drawings and audio-visual materials.
- Annually, each member company pledges to support the safety mission of the Institute as outlined in the Member Safety Commitment.
- Spring and fall Institute meetings are held each year for committees to address performance improvements and to communicate to CI members. During the spring meeting, a plant operations seminar and issue workshops are held. Trade shows are held biennially during the spring meeting.
- Safety training seminars are held annually for first responders, members of the CHLOREP (Chlorine Emergency Plan) teams, and Packager members.
- Programs have been established to collect and analyze industry safety and environmental performance data from North American Producers and Packers. These programs provide a gauge for measuring the collective performance of CI members. CI is a partner association in the CMA's Responsible Care initiative.
- The Institute frequently interacts with government agencies as regulations are being developed to improve safety and environmental performance. Institute recommendations are often incorporated by the agencies.

