Our Mission
As a broad based industry association, our mission is to advocate and promote, for the benefit of the public, the use of all environmentally responsible, cooling technologies, such as wet cooling towers, air-cooled condensers, dry coolers, indirect cooling, and hybrid systems, by encouraging:

- Education on these technologies
- Development of codes, standards, and guidelines
- Development, use, and oversight of independent performance verification and certification programs
- Research to improve these technologies
- Advocacy and dialog on the benefits of cooling technologies with Government Agencies and other organizations with shared interests
- Technical information exchange

Our Objectives
For all types of cooling technologies we shall:

Maintain and expand a broad-base, balanced membership;
Encourage the wise use of the world’s resources, including energy, water, and materials;
Identify and address system design and operational issues;
Encourage and support educational programs, in various formats, to enhance the capabilities and competence of the industry;
Encourage and support cooperative research to improve cooling systems design for the long-term benefit of the environment;
Assure acceptable minimum quality and performance levels of cooling by developing and promoting codes, standards, guidelines, and thermal, material, environmental, and component certification programs;
Establish standard testing and performance analysis systems and procedures;
Communicate with and influence government agencies and other organizations with shared interests regarding the benefits and issues associated with environmentally responsible cooling technologies;
Encourage and support forums and other venues to exchange and disseminate technical information.
Membership Classification

Manufacturer Corporate Membership:
Manufacturer Corporate Members produce Heat Rejection Systems for the industry. A Manufacturer Corporate Member will receive one set of CTI Standards delivered to a preferred location. Additional copies of the CTI Standards can be obtained at a discounted price. Manufacturer Corporate Members will be eligible for all CTI discounts and are permitted to display the official CTI membership logo on any correspondence at each location, while they are members in good standing. A Manufacturer Corporate Member will designate one representative to have voting privileges. **Annual Cost: $995[^1]**

**Manufacturer Affiliate Membership:**
A Manufacturer affiliate is any organization or individual associated with a Corporation that has a current Manufacturer Corporate Membership in the CTI. Manufacturer Affiliate Members are permitted to display the official CTI membership logo on any correspondence at each location, while they are members in good standing. Such members do not receive a set of CTI Standards or have voting privileges, but qualify for all CTI discounts. **Annual Cost: $495[^2]**

Supplier Corporate Membership:
Supplier Corporate Members are companies that supply equipment, parts or services for Heat Rejection Systems. A Supplier Corporate Member will receive one set of CTI Standards delivered to a preferred location. Additional copies of the CTI Standards can be obtained at a discounted price. Supplier Corporate Members are eligible for all CTI discounts and will be permitted to display the official CTI membership logo on any correspondence at each location, while they are members in good standing. A Supplier Corporate Member will designate one representative to have voting privileges. **Annual Cost: $995[^1]**

**Supplier Affiliate Membership:**
A Supplier Affiliate Member is any organization or individual associated with a Corporation that has a current Supplier Corporate Membership in the CTI. Supplier Affiliate Members will be allowed to display the official CTI membership logo on any correspondence at each location, while they are members in good standing. Supplier Affiliate Members will not receive a set of CTI Standards, do not have voting privileges, but do qualify for all CTI discounts. **Annual Cost: $495[^2]**

Owner/Operator Corporate Membership:
An Owner/Operator Corporate Member is a company that owns, operates, maintains or provides asset management services for Heat Rejection Systems at one or multiple locations. Owner/Operator Corporate Members will receive one set of CTI Standards delivered to a preferred location and are eligible for all CTI discounts. Additional copies of the CTI Standards can be obtained at a discounted price. Owner/Operator Corporate Members are permitted to display the official CTI membership logo on any correspondence at each location, while they are members in good standing. Owner/Operator Corporate Members will designate one representative to have voting privileges. **Annual Cost: $695[^2]**

**Owner/Operator Individual Membership:**
An Owner/Operator Individual is one who works for a company that owns, operates, maintains or provides asset management services for Heat Rejection Systems. Owner/Operator Individual Members are permitted to display the official CTI membership logo on any correspondence while they are members in good standing. Owner/Operator Individual Members receive a set of CTI Standards, delivered to a preferred location, have voting privileges and qualify for all CTI discounts. Additional copies of the CTI Standards can be obtained at a discounted price. **Annual Cost: $295[^3]**

Consultant Membership:
A Consultant is an individual or company, with five or fewer employees, that provides services to the Heat Rejection Systems Industry. Consultant Members will receive one set of CTI Standards delivered to a preferred location, and are eligible for all CTI discounts. Additional copies of the CTI Standards can be obtained at a discounted price. Consultant Members are permitted to display the official CTI membership logo on any correspondence at each location, while they are members in good standing. A Consultant Member has voting privileges. **Annual Cost: $500[^2]**

Student Members:
Student Members are individuals who are actively enrolled in an institution of higher education, carry a minimum of nine hours of accredited curriculum per semester and are engaged directly or indirectly with heat transfer and heat rejection systems. Student members are permitted to display the official CTI membership logo on any correspondence while they are members in good standing. Student Members will not receive a set of CTI Standards and do not have voting privileges. **Annual Cost: $25[^3]**

Honorary Lifetime Member:
An Honorary Lifetime Member is retired and has made a significant contribution to the Heat Rejection Systems industry. Honorary Lifetime Members are appointed by the Board of Directors. Such members are permitted to display the official CTI membership logo on any correspondence, qualify for all CTI discounts but do not receive a set of CTI Standards and do not have voting privileges. Registration fees for Honorary Lifetime Members are waived for the CTI Committee Workshop and CTI Annual Conference. **No Charge**

[^1]: Memberships outside of North America (United States, Mexico, and Canada) will be assessed $100.00 additional charge to the membership cost to cover added postage and handling costs.

[^2]: Note: Membership applications and current memberships are subject to review and approval by the CTI Administrator as to the assignment of the proper membership category.
Our Publications

CTI Bulletins. The CTI Houston office maintains a complete stock of all CTI publications, Standards and Research Reports, available upon request. For a Complete listing, including prices specify CTI Bulletin PRM-102. No Charge.


CTI News. The CTI News is the official newsletter of the Institute. It is published twice a year and has a circulation greater than 7,000. No charge.

CTI Journal. The first technical journal devoted solely to the subject of cooling towers and their operations. This journal is of current interest to Institute members and other professionals responsible for the construction specifications, testing, maintenance and operation of cooling towers. Complimentary copy mailed to individuals in the U.S. only. Library subscriptions: $30/per year. Subscriptions mailed to individuals outside the U.S. $30/per year.

CTI Manual. The purpose of the CTI Manual is to bring together into a common place, comprehensive information about cooling towers and other types of equipment that reject heat to the atmosphere. The Manual has been developed as individual chapters, each of which stands on its own merit and includes a list of references and a bibliography. Can be purchased as a whole or separate chapters.

CTI Publications Manual. As with the CTI Manual this manual brings together a complete set of the CTI codes, standards, guidelines and bulletins in a common place. The Publication Manual has been developed as individual codes, standards, guidelines and bulletins each of which stands on its own merit and can be purchased as a complete manual or individually.

Our Software

ToolKit V3.1. This is a suite of useful software applications for anyone responsible for the performance of evaporative cooling tower. The ToolKit includes the Demand Curve Worksheet, Air Properties Calculator and Mechanical Draft Performance evaluator. Available on CD-Rom only.

Our Meetings

Annual Conference. The first of each year, the Cooling Technology Institute holds a full three-day meeting, traditionally in a southern city. By providing this common meeting ground, the Institute tries to help in the preparation of commercial standards and to aid Industry in the development and use of improved products and methods. Meeting agendas include excellent technical papers, current reports, sessions and workshops for our Committees, an Operating Seminar and Table Top Exhibits on Tuesday afternoons. In addition, there are interesting guest speakers and social gatherings. Guests are welcomed and are encouraged to take an active role and to enter freely into all discussions.

Committee Workshop. In July of each year, the CTI Board of Directors and CTI Committee Members attend a three-day workshop. Location is set up by the CTI Board which takes into consideration the widespread geographical pattern of CTI Membership. There is no formal agenda, no presentation of technical papers; these are work sessions. Existing standards and studies are updated, and new standards and specifications written for approval. The 4-hour training seminar has also been added to the summer meeting program. All interested members are encouraged to attend and non-members are welcome.

Our Testing

CTI Standard ATC-105 describes the CTI Code Tower Acceptance Test Code that has become a standard in the industry. This test code is used to determine the water-cooling capability of cooling towers. It calls for uniform methods and instrumentation for all conditions and measurements involved in determining tower cooling performance.

A CTI Water Cooling Tower Thermal Performance or Drift Test is obtained by first obtaining the official list of Licensed Thermal Testing Agencies found on the CTI Website. This list will contain contact information and other information about the agencies. The Test purchaser has the option to request quotes from any or all of the Licensed Thermal Testing Agencies. Purchase orders are placed directly with the chosen agency, who will directly bill the test purchaser.

Purchasers of industrial cooling towers are urged to specify a CTI Code Tower to insure purchase of 100% thermal performance and the highest quality product. They may be purchased anywhere in the world and afford the best assurance of obtaining a quality product.

CTI Certification. CTI is aware of the need for independent verification of thermal performance of cooling towers, especially for smaller towers where the cost of a field test might be prohibitive. CTI Certification of thermal performance assures the cooling tower purchaser that the thermal performance of a line of cooling towers has been tested and verified to be in accordance with the Manufacturer’s published rating data. This assurance is made at the time of purchase, without the need for an expensive and time-consuming field performance test after the tower is installed and operating. CTI feels that anyone buying a cooling tower should take advantage of the protection afforded by CTI Certification of thermal performance. Such certification protects not only the Purchaser, but also the Manufacturer against unfair competition caused by unfair misrepresentation of an inferior tower.

CTI Certification is open to all manufacturers of cooling towers, whether or not they are members of the Cooling Tower Institute.

COOLING TECHNOLOGY INSTITUTE

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