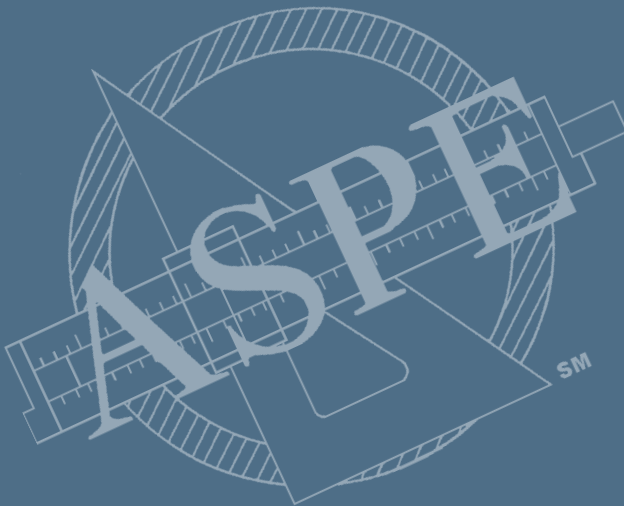
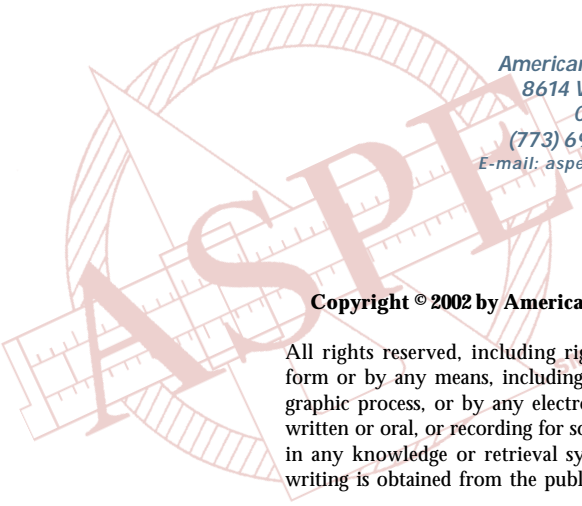


American
Society of
Plumbing
Engineers

**Advancing
the
Profession of
Plumbing
Engineering**



A large, faint watermark of the ASPE logo is centered on the page. It features a circular emblem with a hatched pattern, a ruler, and the letters 'ASPE' in a stylized font.

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Professional Growth and Development

The American Society of Plumbing Engineers (ASPE) is the international organization for professionals skilled in the design, specification, inspection and manufacture of plumbing systems. ASPE is dedicated to the advancement of the science of plumbing engineering, to the professional growth and advancement of its members, and to the health, welfare and safety of the public.

The Society disseminates technical data and information, sponsors activities that facilitate interaction with fellow professionals, and, through research and education, expands the base of knowledge of the plumbing industry. ASPE members are leaders in innovative plumbing design, effective materials and energy use, and the application of advanced techniques throughout the world.

ASPE was founded in 1964 and currently has 7,500 members. Spanning the globe, members are located in the United States, Canada, Asia, Mexico, South and Central America, the South Pacific, Australia and Europe. They represent an extensive network of experienced engineers, designers, contractors, educators, code officials, manufacturers and manufacturer representatives interested in furthering their careers, their profession and the industry. ASPE is at the forefront of technology. In addition, ASPE represents members and promotes the profession among all segments of the engineering and construction industries.



ASPE Membership Quality and Value

All ASPE members receive:

The ASPE *Data Book*

The most definitive collection of general plumbing practices in the field of plumbing engineering. The *ASPE Data Book* consists of forty-five chapters divided into four volumes. Each year ASPE members receive the latest *Data Book* volume; each *Data Book* volume is updated and revised on a rotating annual basis. Each *Data Book* volume incorporates a combined, multi-volume index.

Data Book Volume 1 and Volume 2 are also available on individual CDs; there is also a combined Volume 1 & 2 CD.

Plumbing Systems & Design Magazine

Members immediately begin receiving *Plumbing Systems & Design* magazine. This bimonthly magazine covers a wide spectrum of topics important to the profession and to daily practices in the field.

The ASPE Report

The Society's bimonthly newsletter, incorporated within *Plumbing Systems & Design Magazine*, keeps members abreast of Society activities and issues impacting the profession.

Members-Only ASPENet Access

A members-only section on ASPENet (www.aspe.org) provides members with downloadable files for standard plumbing details (*.dwg and *.dxf files) and a keyword-accessible current *Data Book*.

Publication and Education Program Discounts

All publications, education programs and other services and products of the Society are offered at special discounted rates to ASPE members. A member's savings on just one popular ASPE publication can equal the annual membership dues.



The ASPE Biennial Convention and Engineered Plumbing Exposition (EPE)

offered in even-numbered years, is the premier educational and professional development event for plumbing engineers and designers. The Convention features a comprehensive program of educational, technical and professional development presentations and seminars designed to enhance professional knowledge and foster awareness of new techniques. The concurrent EPE highlights the latest in products and services of interest to plumbing engineers. It is the largest Exposition dedicated entirely to the field of plumbing engineering.



The ASPE Technical Symposium

is offered in non-Convention years and provides a unique forum for the most comprehensive and intensive half-day and full-day plumbing engineering design seminars and workshops available anywhere. The “hands-on” workshops provide the plumbing engineer with information about new developments in the industry and new techniques for practical implementation in the field.

Technical Seminars and Workshops

sponsored by ASPE offer one or two-day programs conducted by leading industry professionals. Each educational program focuses on a specific area of plumbing engineering. Seminar topics include: fire protection, domestic water heating design, medical gas and vacuum systems, fire pump systems design, ultra-pure water systems and quality management.



Continuing Education Units (CEUs)

ASPE offers the opportunity to earn Continuing Education Units at selected technical program sessions at the biennial Convention, the Technical Symposium and at stand-alone Seminars and Workshops. CEUs are nationally recognized units of achievement that may be used as evidence of increased performance capabilities and for job advancement.



Read, Learn and Earn Program

This program offers a fast, simple and convenient method to earn Continuing Education Units (CEUs). The program utilizes various plumbing engineering and design technical, research and professional development books, manuals and other materials.



Participation and Leadership Opportunities

Members are encouraged to participate in Chapter and Society boards and committees, and as Region Chairs. ASPE's boards and committees cultivate the growth of the Society and the profession, promote education, monitor applicable legislation, encourage research, expand member visibility, and increase opportunities to network with other professionals.

Board of Directors and Region Chairs

There are two levels of board leadership available: the ASPE Board of Directors and a Chapter's Board of Directors. These boards are instrumental for the development, growth, vitality and vision of the Society. Region Chairpersons report to a Region Director (Board member) and are responsible for the operation, growth and well-being of the chapters.

Committees

ASPE committees have been instrumental in reviewing topics such as Technical Standards and Plumbing Codes (both local and national). They have assisted with development of policy, position statements, and industry standards to effectively address plumbing engineering and design issues on behalf of the profession. There are 11 active standing committees open to member participation. These are:

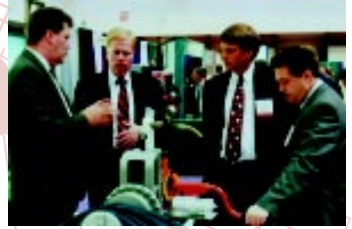
Technical & Research	Education
Legislative	Long-Range Planning
Membership	Bylaws
Convention & Exposition	ASPENet
Technical Symposium	Nominating
Data Book	

In addition, many Chapters have similar committees; all are open to member participation.



Industry Communication and Impact

Participation in the Engineering Liaison Council permits ASPE leaders to interact with counterparts at NSPE, ASHRAE, ASME and over 35 other engineering societies. In the plumbing industry, ASPE maintains systematic communication with counterpart trade associations such as the World Plumbing Council, the Mechanical Contractors Association, the American Supply Association, the American Society of Sanitary Engineers, the ICC Industry Advisory Committee and the Plumbing Manufacturers' Institute.



Providing members a continuing influx of information on developments and issues that impact the profession.

Standards and Codes

ASPE maintains an active liaison with all of the national model code organizations, including the International Code Council (International Plumbing Code), IAPMO (Uniform Plumbing Code), NAPHCC (National Standard Plumbing Code) and NFPA99. Liaisons are also maintained with the development of the ANSI A.40 code, and American Society of Mechanical Engineers [ASME] and other ANSI committees responsible for specific ASME/ANSI standards that affect plumbing systems and plumbing design.



To maintain unbiased and objective independence, and provide effective input and impact, ASPE does not endorse any one specific or model plumbing code. However, ASPE encourages code consolidation.

Governmental Liaisons

The Society maintains liaisons with various federal, state and local government agencies and departments, including the EPA, DOE, NIST, GSA, Department of Defense, Corps of Engineers and HUD. ASPE members participate on special government committees such as the EPA *Safe Drinking Water Conservation Guidelines Committee* and the Department of Energy *Building Measurement and Verification Protocol Committee*.

Public Relations

ASPE maintains an aggressive public relations program. Trade journals, national magazines, and local, state and international news distribution networks receive information on current activities that impact the plumbing engineer and design profession, and the public's health, safety and welfare.



ASPE – Professional Excellence



- Direct access to the latest information and technical developments in the field through technical publications, education seminars, ASPENet and the Chapters
- Education and professional growth and development opportunities
- Special publications focused on the latest technical advances and critical industry standards
- A prestigious internationally recognized Certification Program
- The establishment of a model plumbing engineering and design curriculum for colleges and universities
- Peer-to-peer and professional-to-professional interaction and networking opportunities with fellow plumbing engineers internationally
- Individual recognition and leadership opportunities
- Representation of the plumbing industry in the development of international codes and standards
- Ongoing technical research through the ASPE Research Foundation to advance the profession and enhance member expertise
- Promotion of the Plumbing Engineering profession





Professional Certification

ASPE sponsors the Certified In Plumbing Engineering (CIPE) program — international certification program for engineers and designers of plumbing systems. Completion of the CIPE program and examination confers upon the successful candidate the designation “Certified in Plumbing Design” or CPD. The certification program provides the profession, the plumbing industry, and the general public with a single, comprehensive qualification of professional competence for engineers and designers of plumbing systems.

The CPD is the only international credential program in the plumbing engineering field. It sets the standards for leadership within the industry and provides formal recognition of outstanding professionals with advanced skills in the design and specification of plumbing systems. The CPD designation is designed to:

- Establish specific standards for professional competence in the field.
- Identify and recognize those individuals who successfully demonstrate their acquired knowledge and abilities.
- Encourage plumbing engineers to participate in a continuing program of professional development.
- Provide a standard for educational programs in plumbing engineering.
- Enhance the status of plumbing engineering as a unique discipline.

The CPD designation is achieved through successful completion of the comprehensive CIPE examination and maintained through a biennial recertification program. The examination is held in the month of April of even-numbered years and eligibility requires a minimum of eight years experience (or equivalent). Created to provide a single, uniform national credential in the field of engineered plumbing systems, the CIPE program is not in any way connected to any state-regulated Professional Engineer (P.E.) registration.



Publications for Plumbing Design Professionals



The Society provides a comprehensive publishing program that offers an extensive library of professional technical manuals and handbooks covering the accepted practices and design criteria used in the field of plumbing engineering.

Practical Plumbing Engineering – An authoritative and up-to-date guide to design and installation of plumbing systems in residential and commercial facilities.

Advanced Plumbing Technology – Intended for those in the plumbing industry who are thoroughly familiar with fundamental engineering principles and basic plumbing design.

The Engineered Design of Building Drainage Systems – A bridge between the practical application of drainage design and the theoretical fluid mechanics and mathematical basis of unsteady flow conditions.

Engineered Plumbing Design – The reference for basic plumbing design of drainage, waste and vent stacks, and domestic water systems for commercial, high-rise and residential buildings.

Fire Protection Systems: 2nd Edition – This comprehensive reference guide has been revised and updated by the author. The book outlines a variety of proven fire-fighting design methods and fire protection specifications.

Plumbing Technology: 2nd Edition – This book, recently revised and updated by the author, offers detailed, “hands-on” methods for the design and maintenance of modern plumbing systems.

Publications for Plumbing Design Professionals

Domestic Water Heating Design Manual — An essential reference for sizing, selecting and designing domestic water heating systems.

Pumps & Pump Systems — Provides in-depth material for the design and selection of pumps and accessories.

Legionella Control in Health Care Facilities: A Guide for Minimizing Risk — Based on the scientific data that has been generated over the last 20 years, in the form of action steps that those in responsible positions can implement to prevent the disease.

Convention Proceedings — Technical papers presented at the Society's biennial Conventions.

Legionnaires' Disease — This one-of-a-kind book serves to educate those in the hvac industry, as well as consulting engineers, building owners, maintenance personnel, water suppliers and all others who may encounter Legionella bacteria while on the job.

Facility Piping Systems Handbook — A complete design guide and reference for all service and utility piping systems found in laboratory, R&D, chemical, commercial, industrial, pharmaceutical, biotechnological and health care facilities.

CIPE Examination Review Manual — The indispensable tool for passing the CIPE Examination. The manual covers the five subject areas included in the examinations: Data Gathering, Design, Specifications, Construction Services, and Administration.



Chapters of the American Society of Plumbing Engineers

All members belong to ASPE worldwide and have the opportunity to belong to and participate in one of the 62 state, provincial or local chapters throughout the U.S. and Canada. ASPE Chapters provide the major communication links and the first line of services and programs for the individual member. At chapter functions, members can network with others who represent all segments of the plumbing engineering, design, construction and services industry. Chapters produce newsletters, conduct monthly technical meetings and provide opportunities for education, professional development and information sharing to help the membership stay abreast of current trends, code changes and technologies in the plumbing engineering profession.

ASPE Chapters

Alabama	Cleveland	Miami	Pittsburgh
Atlanta	Columbia (SC)	Minnesota	Portland
Baltimore	Connecticut	Montréal	Québec
Boston	Dallas/ Ft. Worth	Nashville	Raleigh (NC)
Blue Ridge (Roanoke)	• High Plains	New Jersey	Richmond
British Columbia	Denver	New Mexico	Rochester (NY)
Buffalo–Niagara (NY)	East Tennessee	New Orleans	St. Louis
Capital Region NY	Eastern Michigan	New York City	San Diego
Central Florida	Greenville (SC)	North Florida	San Francisco
Central Indiana	Houston	Northern California	Silicon Valley (CA)
Central Illinois	Intermountain (UT)	Omaha	Southern Nevada
Central New York	Johnstown	Orange County	Southwestern Ohio
Central Ohio	Kansas City	Ottawa Region	Washington, DC
Central Texas	Kentucky	Philadelphia	West Coast Florida
Charlotte	Los Angeles	Phoenix	Western Michigan
Chicago	Memphis		Wisconsin



Chapter Affiliation

When you join ASPE, you have the opportunity to affiliate with one of 62 ASPE Chapters. Chapter affiliation brings extensive and impressive personal and professional benefits and, for most chapters, is at no additional cost.

Networking

Monthly meetings provide a basis for building personal and professional contacts and to network with plumbing engineers, designers and manufacturers. It's nice to know you're not alone. Chapters offer a unique opportunity for peer-to-peer and professional-to-professional interaction in an informal and friendly setting. Camaraderie is what ASPE is all about.

Education and Professional Development

Chapters present technical presentations at their monthly meetings and special one and two-day technical seminars and workshops — exceptional resource opportunities for education and professional growth and development. Many Chapters also offer Continuing Education Units (CEUs), an important element for personal growth, professional licensure, recertification and professional advancement.

Resources

Chapter newsletters, monthly meetings, ASPENet chapter sites and libraries of technical material are important resources for education, professional development and information sharing. Chapter affiliation is the most convenient and effective strategy to remain abreast of current trends, code changes and technologies affecting the plumbing engineering profession.

Recognition and Leadership

A Chapter provides unlimited opportunities for individual incentives, professional recognition and leadership potential. Join a committee, put on a technical presentation, offer advice and assistance, become a member of the Board of Directors, help implement a product show, golf tournament or other activity.

You don't need to live near a Chapter to belong. Chapter affiliation is at no additional cost and open to every ASPE member. Affiliation provides an extraordinary opportunity and ability to network, interact and receive the latest technical information affecting your profession.



Membership Classifications



Full Member

Eight years or more consulting or engineering experience in plumbing design. A minimum of four years in a position of responsibility either supervising or managing the design, planning and specification of plumbing systems. *Special conditions with regard to education and/or professional registration or certification in the field may be considered as part of the eight years required experience.*

Associate Member

Professionals engaged in plumbing design as consultants or engineers with fewer than eight years of industry experience.

Affiliate Member

Individuals involved in the production or marketing of plumbing products.

Special Member

Professionals in related fields, such as contractors, or those with a special interest in plumbing design whose professional background do not match the requirements for any of the other categories may apply for Special Membership

Government Member

Employees of government agencies who are: responsible for reviewing plumbing plans and installations; involved with formulating codes, rules and regulations relating to plumbing systems; or engaged in the research and development of plumbing system design criteria.

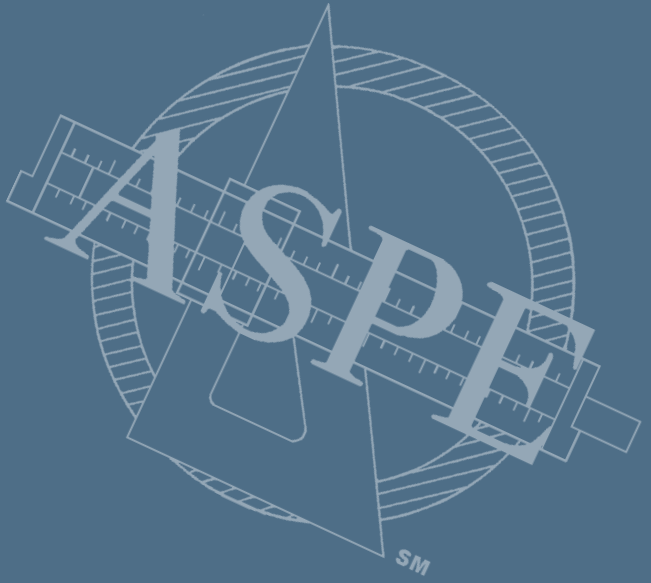
Student Member

Registered, full-time students of engineering, enrolled at a recognized university or college.

All professionals involved in the plumbing engineering industry, or related industries, are invited to become active members of ASPE.



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