



Certified Water Efficiency Professional

An Industry Recognized Certification for Energy Management & Water Conservation Professionals

Who are Certified Water Efficiency Professionals?

- Are you an energy or building operations manager that manages existing water systems as part of a sustainable program for your organization? Do you manage water supply and demand across multiple systems or multiple facilities? Do you know utility billing practices in-depth, and know-how to reduce associated costs? Are you looking to get recognized and rewarded for your experience and knowledge?
- Are you a consultant that measures, verifies and evaluates water usage for a given building or facility and then suggests what strategies to employ to reduce costs?

Water efficiency Professionals focus on or expand their knowledge base into the specific area of water management. This may include improving water usage and efficiency in an existing building or implementing a sustainability program that includes water efficiency for their firm or organization. These individuals will understand water systems and technologies and will have specific knowledge on utility billing practices, and policies, incentives, and water specific mandates made by local municipalities, federal, or state governments. They use their specialized knowledge to assist firms or organizations, they audit existing systems, set realistic goals for new projects and get the most significant benefits when implementing systems at a small or large scale.



What does the Certified Water Efficiency Professional (CWEP™) Certification Program offer?

This program helps educate and qualify individuals involved in water efficiency and water conservation in buildings and facilities. By obtaining the CWEP certification, candidates gain industry and peer recognition by demonstrating their understanding of core principles, practices, and technologies. The program raises the professional standards, both technical and ethical, of those engaged in resource management and conservation.

What is the bottom line for me or my company?

Gaining a wide-reaching and industry-recognized certification is always a personal and financial investment. Individuals report career improvements in the form of salary and responsibility increases. The certification shows individuals hold a fundamental understanding of the profession and a commitment to the highest standards of quality. Companies, organizations, and consultants with a CWEP on-staff often see a higher affinity with their customers because CWEPs understand their customer's requirements and are trusted to define and meet energy conservation targets.

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What functional areas does the CWEP™ Certification Program cover?

The certification program requires fundamental knowledge across several core principles and practices specific to water efficiency, management and water conservation. These include:

- Introduction to General Water Conservation
- Policy, Standards and Regulations
- Value of Water and Benchmarking
- Water Metering
- Water Balance & Audit Approach
- Measurement & Verification (M&V)
- Water Treatment
- Domestic Plumbing Fixtures
- Commercial Kitchen Equipment
- Laundry Equipment
- Cooling Towers and Steam Boilers
- Pools and Other Open Water Bodies
- Irrigation
- Additional ICI (Institutional, commercial, and industrial) Water Uses
- Medical, Research, and Lab Equipment
- Storm Water Management and Alternative Water Sources

How do I become eligible for AEE's CWEP™ certification?

Every certification program offered by AEE is defined by strict standards to ensure the program maintains its industry-wide recognition and credibility. To that end, AEE stipulates the three criteria that all CWEP candidates must meet. Firstly, applicants must have relevant experience or educational credentials (see to the right). Secondly, candidates must undergo a defined training program that aligns with the fundamental knowledge base of the program, and the principles and practices of the industry as a whole. Thirdly, candidates must pass the associated exam to demonstrate their technical knowledge, proficiency, and abilities in the area of water efficiency and water conservation.

Experience & Education

Applicants must meet one of the following eligibility criteria:

- 2-year technical degree, 4-year degree, or equivalent
- 1-year related* experience
- Military Veteran
- Current status of Certified Energy Manager (CEM), Certified Energy Auditor (CEA), Business Energy Professional (BEP), or Energy Efficiency Practitioner (EEP)
- Currently employed at company in related* field

*Related experience in water efficiency, energy management, or technical maintenance of a building or facility

Why would I want to take a training program when I believe I already have the knowledge and experience required to pass an exam?

A CWEP training program provides more value than only preparing individuals to take the associated exam. It brings all candidates to a base level of understanding across a wide variety of water efficiency and water conservation topics.

For those entrenched in their normal daily activities, attending a training program, held away from the office, in a classroom environment can be a catalyst for improvement and change. For many, the chance to network, connect, and learn from other like-minded individuals is incredibly valuable.

I obtained my CWEP™ Certification, where do I go next?

The CWEP certification can help define your status as an energy professional and help progress your career. Once complete, make sure you maintain your account and keep track of your certification on aeecenter.org. You can also keep up to date on energy management practices and technologies by joining your local AEE Chapter. Energy professionals continuously tell us that they stay ahead in the industry by getting involved in their local community.

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