



### Certified HVAC Designer

More than 3,000 certifications have been earned by professionals who have demonstrated their knowledge and expertise in the HVAC&R industry. Gain a competitive edge by earning an ASHRAE certification in HVAC design.

The Certified HVAC Designer (CHD) certification validates competency of the HVAC Designer, working under the responsible charge of an engineer, to Design HVAC systems to meet building/project requirements, including load calculations, equipment selection and sizing, mechanical equipment room design, duct and piping design and layout for the development of HVAC plans for permit and construction.

Why is earning the ASHRAE Certified HVAC Designer (CHD) credential the best way to gain a competitive edge?

In a recent "Industry Need" survey, ASHRAE Member respondents who influence the HVAC Designer hiring decision had this to say:

- HVAC Designer certification is a tool to identify competent new hire prospects (74%)
- It is a worthwhile professional development goal (82%)
- HVAC Designers themselves agree that earning an HVAC Designer certification would be a "worthwhile professional development goal" (75%) and "help differentiate practitioners from their peers" (70%).

Earning the Certified HVAC Designer (CHD) certification will let your employer, peers and customers know that you have the knowledge, skills and abilities needed to get the job done, and position you for continued recognition and success.

<https://sso.ashrae.org/login/login2/transport?key=&header=ASHRAE%20Certification&returnUrl=https://eweb.ashrae.org/eweb/?webcode=chd>

### Building Design Energy Assessment Professional Certification

More than 3,000 certifications have been earned by professionals who have demonstrated their knowledge and expertise in the HVAC&R industry. Gain a competitive edge by earning an ASHRAE certification as a building energy auditor.

The BEAP certification, an ANSI-Accredited Personnel Certification Program under ISO/IEC 17024 (#1139), validates competency to assess building systems and site conditions; analyze and evaluate equipment and energy usage; and recommend strategies to optimize building resource utilization.

The BEAP certification has been recognized by the U.S. Department of Energy (DOE) as meeting the Better Buildings Workforce Guidelines (BBWG) for the Commercial Building Energy Auditor.

- Validates competency against scheme requirements for the Building Energy Auditor certification set forth in the Better Buildings Workforce Guidelines.
- Meet Federal Buildings Personnel Training Act (FBPTA) requirements in up to 50 competency area performances, as identified by the General Services Administration (GSA).
- Demonstrate competency in critical commercial building energy auditor knowledge, skills and abilities.
- Elevate your reputation among peers, in the workplace and among clients.
- Comply with local, state and federal requirements.
- Conduct BuildingEQ in Operation ratings.

<https://eweb.ashrae.org/eweb/?webcode=certsso&cert=beap>

#### Building Energy Modeling Professional Certification

More than 3,000 certifications have been earned by professionals who have demonstrated their knowledge and expertise in the HVAC&R industry. Gain a competitive edge by earning an ASHRAE certification in building energy modeling.

Developed with the participation of the U.S. affiliate of the International Building Performance Simulation Association (IBPSA-USA) and the Illuminating Engineering Society (IES), the BEMP certification, an ANSI-Accredited Personnel Certification Program under ISO/IEC 17024 – Accreditation #1139, validates competency to model new and existing building and systems with the full range of physics and to evaluate, select, use, calibrate and interpret the results of energy modeling software where applied to building and systems energy performance and economics.

- Demonstrate competency in critical energy modeling knowledge, skills and abilities,
- Elevate your reputation among peers, in the workplace and among clients,
- Comply with local, state and federal requirements.
- Conduct BuildingEQ as Designed ratings.

<https://eweb.ashrae.org/eweb/?webcode=certsso&cert=bemp>

#### Operations and performance Management Professional Certification

More than 3,000 certifications have been earned by professionals who have demonstrated their knowledge and expertise in the HVAC&R industry. Gain a competitive edge by earning an ASHRAE certification in operations and performance management.

Developed with the participation of APPA and the General Services Administration (GSA), the OPMP certification validates competency to manage facility operations and maintenance to achieve building performance goals, including those related to indoor environmental quality, health and safety.

- Meet Federal Buildings Personnel Training Act (FBPTA) requirements in up to 98 competency area performances, as identified by the General Services Administration (GSA).
- Demonstrate competency in critical building operations and performance management knowledge, skills and abilities.
- Elevate your reputation among peers, in the workplace and among clients.

<https://eweb.ashrae.org/eweb/?webcode=certsso&cert=opmp>