



ASHRAE

Technology for a Better Environment

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RESOLUTION ON ADDITIONAL LICENSURE REQUIREMENTS

Whereas, The National Council of Examiners for Engineering and Surveying developed a model law requiring an additional 30 credit hours for obtaining licensure as an engineer.

Whereas, The typical scope of an ABET Accredited bachelor's degree can and has been demonstrated to accommodate technical breadth and flexibility and the intellectual skills necessary for engineering graduates to fulfill all requirements necessary to become licensed as a Professional Engineer.

Whereas, Committing an additional year to obtain an extra thirty (30) credit hours would be a very significant deterrent for many engineers who might otherwise pursue an engineering degree.

Whereas, The current system of examinations and supervision in practice are workable, effective and adaptable resulting in highly competent professional engineers.

Whereas, Technological change is continuous and must be maintained over a professional engineering career.

Whereas, Professionalism and continuous education across the decades of an engineering career are essential.

Whereas, ASHRAE will continue to develop educational programs that assure its members remain at the forefront of engineering practice and technologies.

Resolved, The ASHRAE Board of Directors opposes efforts to increase educational requirements for engineering licensure and encourages states and licensing boards to reject such proposals for the aforementioned reasons.

(Approved by ASHRAE Board of Directors on June 22, 2008)



ASHRAE FACTS & STATS

MISSION: Founded in 1894, the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) is an international nonprofit technical engineering society. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration (HVAC&R) to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

MEMBERSHIP: ASHRAE's technical foundation is built by its 55,000 volunteer members and a professional staff of 105. Across more than 130 countries, ASHRAE's membership in 170 chapters and 212 student branches includes consulting engineers (28%), contractors (11%) manufacturers (8%), manufacturing representatives/sales (7%), and architects (5%).

EXPERTISE: ASHRAE's areas of expertise include energy efficiency, indoor air quality, codes and standards, and guidance for a safe environment during extraordinary incidents.

STANDARDS: ASHRAE – with 130 standard and guideline project committees that establish recommended design and operation practice – is one of only five standards-developing organizations in the U.S. that can self-certify that its standards have followed American National Standards Institute's (ANSI) standards development procedures.

RESEARCH: ASHRAE's research program, established in 1912, supports 81 research projects with a combined value of more than \$8 million. Research focus includes energy and resource efficiency, indoor environmental quality, design and operation and management tools, alternative technologies and materials and equipment. Through scholarships and grants, the Society supports engineering education and research projects for graduate engineering students.

PUBLIC POLICY: ASHRAE's government affairs program provides a critical link between ASHRAE members and government through contributing technical expertise and policy guidance to Congress and the Executive branch. Current priorities include energy efficiency; building codes; science, technology, engineering and mathematics education; indoor environmental quality; and building security.

TECHNICAL OVERSIGHT: ASHRAE has some 100 technical committees that drive the ASHRAE research program, develop standards, sponsor the technical program at ASHRAE meetings, develop technical articles, special publications and educational courses and write the *ASHRAE Handbook*.

PUBLICATIONS: ASHRAE produces more than 300 publications, including the *ASHRAE Handbook*, the bible of the HVAC&R industry. The Society also publishes the peer-reviewed *ASHRAE Journal*, and *HVAC&R Research*, the most prestigious reporting of archival research in the fields of environmental control for the built environment.

CONTINUING EDUCATION: Through the ASHRAE Learning Institute, ASHRAE offers courses in a variety of formats, including eLearning, professional development seminars (in locations around North America or online), short courses (three-hour seminars offered during ASHRAE meetings) and self-directed learning courses (home study courses).

MEETINGS: The 2009 Winter Meeting is held in Chicago Jan. 24-29 in conjunction with the International Air-Conditioning, Heating, Refrigerating Exposition (AHR Expo). The 2009 Annual Meeting will be June 20-24 in Louisville, KY.

