



ASHRAE and NASEO

Partners for an Energy Efficient Future

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Manager, State and Local Government Affairs

April 25, 2013



NASEO/ASHRAE Memorandum of Understanding signed January 29, 2013

How ASHRAE chapters and members might work best with NASEO members

New Grassroots Program



New ASHRAE Society Committee

Grassroots Government Activities

Committee (GGAC)



Public Policy Priorities

ASHRAE standards

“Doing business”

Energy efficiency in the built environment

Future of the profession

ASHRAE Standards



102 published standards

21 published guidelines

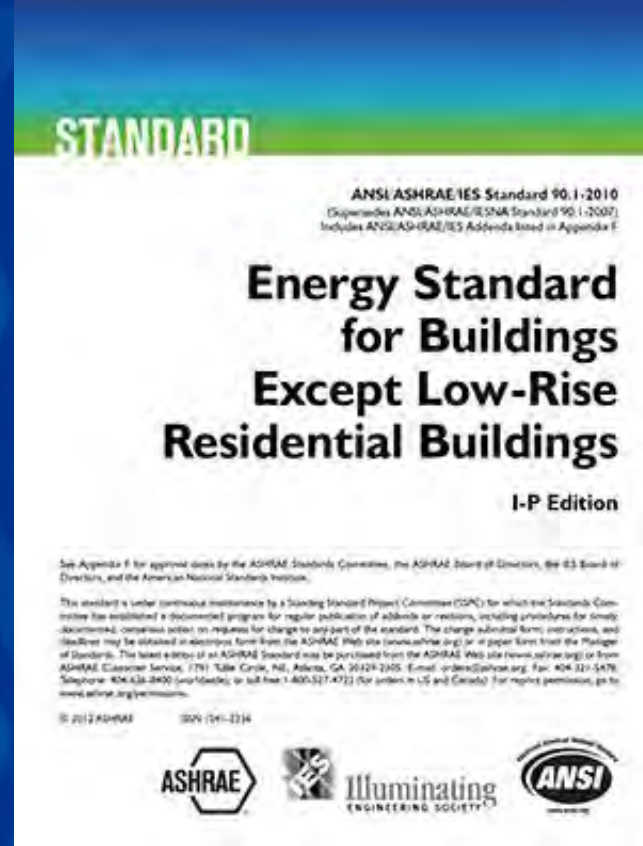
Energy efficiency

High-performance buildings

Efficient HVAC&R equipment

Indoor air quality

ANSI/ASHRAE/IES Standard 90.1



90.1-2013 is on track for publication in
the fall of 2013

Major ASHRAE Standards Under Review/Revision



STANDARD

ANSI/ASHRAE/IES Standard 90.1-2010
 (Supersedes ANSI/ASHRAE/IESNA Standard 90.1-2007)
 Includes ANSI/ASHRAE/IES Addenda listed in Appendix F



BSRIA/ASHRAE Standard 111P
 Public Review Draft



BSRIA/ASHRAE/IES Standard 202P
 Second Public Review Draft

ANSI/ASHRAE Standard 155.2-2012
 (Supersedes ANSI/ASHRAE Standard 155.2-2004)
 Includes ANSI/ASHRAE addenda listed in Appendix C

ASHRAE STANDARD

Energy-Efficient Design of Low-Rise Residential Buildings

See Appendix F for approval dates by the ASHRAE Standards Committee, the ASHRAE Board of Directors, and the American National Standards Institute.

This standard is under continuous maintenance by a Standing Standards Project Committee (SSPC) which has established a documented program for regular publication of addenda or revisions, including procedures for timely, documented, consensus action on requests for change to any part of the standard. The change submission form, instructions, and deadlines may be obtained in electronic form from the ASHRAE Manager of Standards. The latest edition of an ASHRAE Standard may be purchased on the ASHRAE Web site (www.ashrae.org) or from ASHRAE Customer Service, 1791 Tullie Circle, NE, Atlanta, GA 30329, Telephone: 404-636-8400 (worldwide), or toll free: 1-800-527-4723 (www.ashrae.org/permissions).

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American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
 1791 Tullie Circle, NE, Atlanta, GA 30329
www.ashrae.org

Standard for the Design of Water in Buildings
 Mechanical

ASHRAE logo

ANSI/ASHRAE/USGBC/IES Standard 189.1-2011
 (Supersedes ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)

Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

A Compliance Option of the International Green Construction Code™

See Appendix F for approval dates by the ASHRAE Standards Committee, the ASHRAE Board of Directors, the U.S. Green Building Council, the Illuminating Engineering Society of North America, and the American National Standards Institute.

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Commissioning Process for Buildings and Systems

ASHRAE logo

Also: Standard 90.4P, Energy Standard for Data Centers and Telecommunications Buildings

Advanced Energy Design Guides (AEDGs)



Developed through partnership of collaborating organizations

- AIA
- ASHRAE
- IES
- USGBC

Support and funding from U.S.
DOE



AEDGs



Offices

Retail

K-12 Schools

Healthcare

Highway Lodging

Warehouses

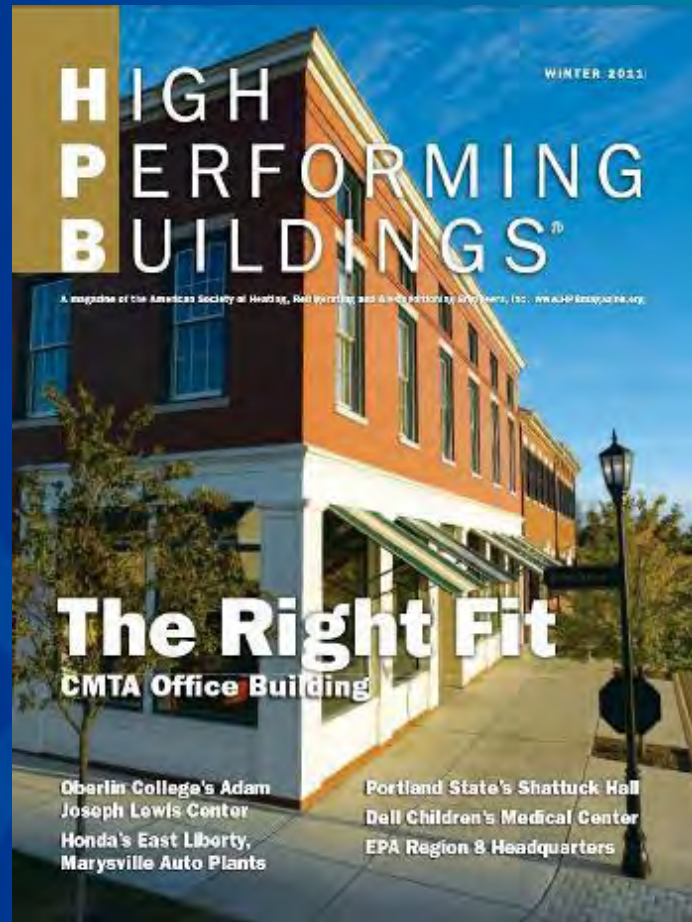
FREE
DOWNLOADS
AVAILABLE

[http://www.ashrae.org/
aedg](http://www.ashrae.org/aedg)

As of April 3, 2013:

- 461,077 AEDGs downloaded
- 25,790 copies in print
- Total distribution of **486,867**

High Performing Buildings





ASHRAE's Building Energy Labeling Program

<http://www.buildingenergyquotient.org>



**In Operation (Operational)
As Designed (Asset)**

Building Energy Quotient (bEQ)

- Differentiation for HPBs, with emphasis on net- or near-zero energy
- More building types
- Conducted by ASHRAE-certified professional



Building Energy Quotient (bEQ)



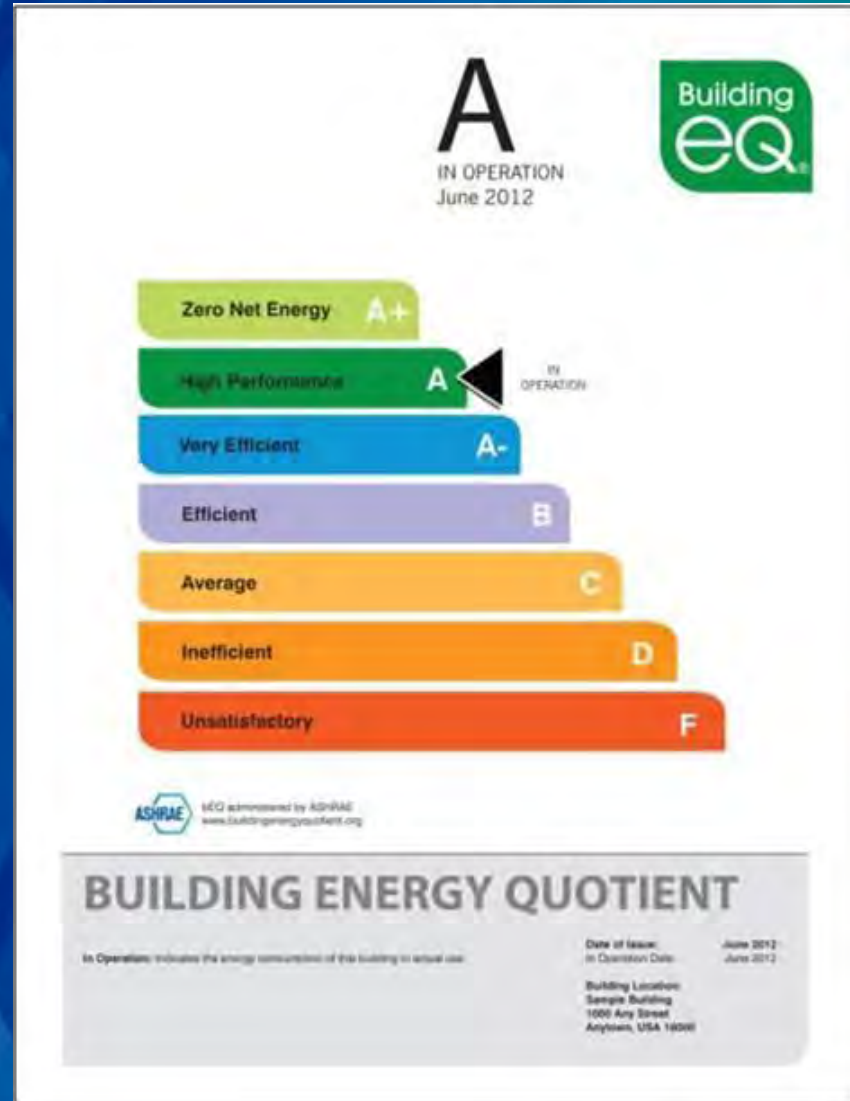
Certificate and Dashboard

- Key building information
- Satisfies disclosure requirements
- Documentation for tenants and governments



AND...

...You get a plaque!



ASHRAE Certifications



- Building Energy Assessment Professional
- Building Energy Modeling Professional
- Commissioning Process Management Professional
- Healthcare Facility Design Professional
- High-Performance Building Design Professional
- Operations and Performance Management Professional



QUESTIONS?

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