ADDENDA

**ANSI/ASHRAE/IES Addendum cn to**
**ANSI/ASHRAE/IES Standard 90.1-2013**

# Energy Standard for Buildings Except Low-Rise Residential Buildings

Approved by the ASHRAE Standards Committee on June 25, 2016; by the ASHRAE Technology Council on June 29, 2016; by the IES Board of Directors on June 27, 2016; and by the American National Standards Institute on June 30, 2016.

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## FOREWORD

*Addendum cn was developed in response to the update of ASHRAE Standard 169-2013, Climatic Data for Building Design Standards. Standard 169-2013 includes more recent weather data (resulting in changes in climate zone assignments for some locations, including approximately 10% of the 3000 counties in the United States) and the creation of a new Climate Zone 0. Standard 169 is now referenced for climatic data (though a new Reference Standard Reproduction Annex placed at the end of Standard 90.1 includes extracts from Standard 169). Criteria are now specified for Climate Zone 0 in most sections of Standard 90.1 through previous addenda w and br. This addendum covers additional criteria for Climate Zone 0 in Appendix G.*

***This addendum makes proposed changes to the current standard. These changes are indicated in the text by <u>underlining</u> (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes.***

## Addendum cn to 90.1-2013

*Modify the standard as follows (IP and S-I Units)*

**TABLE 4.2.1.1 Building Performance Factor (BPF)**

| Building Area Type[a] | Climate Zone | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0A and 1A | 0B and 1B | 2A | 2B | 3A | 3B | 3C | 4A | 4B | 4C | 5A | 5B | 5C | 6A | 6B | 7 | 8 |

*(The remainder of table is unchanged.)*

## POLICY STATEMENT DEFINING ASHRAE'S CONCERN FOR THE ENVIRONMENTAL IMPACT OF ITS ACTIVITIES

ASHRAE is concerned with the impact of its members' activities on both the indoor and outdoor environment. ASHRAE's members will strive to minimize any possible deleterious effect on the indoor and outdoor environment of the systems and components in their responsibility while maximizing the beneficial effects these systems provide, consistent with accepted Standards and the practical state of the art.

ASHRAE's short-range goal is to ensure that the systems and components within its scope do not impact the indoor and outdoor environment to a greater extent than specified by the Standards and Guidelines as established by itself and other responsible bodies.

As an ongoing goal, ASHRAE will, through its Standards Committee and extensive Technical Committee structure, continue to generate up-to-date Standards and Guidelines where appropriate and adopt, recommend, and promote those new and revised Standards developed by other responsible organizations.

Through its *Handbook*, appropriate chapters will contain up-to-date Standards and design considerations as the material is systematically revised.

ASHRAE will take the lead with respect to dissemination of environmental information of its primary interest and will seek out and disseminate information from other responsible organizations that is pertinent, as guides to updating Standards and Guidelines.

The effects of the design and selection of equipment and systems will be considered within the scope of the system's intended use and expected misuse. The disposal of hazardous materials, if any, will also be considered.

ASHRAE's primary concern for environmental impact will be at the site where equipment within ASHRAE's scope operates. However, energy source selection and the possible environmental impact due to the energy source and energy transportation will be considered where possible. Recommendations concerning energy source selection should be made by its members.

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