



ADDENDA

**ANSI/ASHRAE Addendum a to
ANSI/ASHRAE Standard 55-2013**

Thermal Environmental Conditions for Human Occupancy

Approved by the ASHRAE Standards Committee on June 28, 2014; by the ASHRAE Board of Directors on July 2, 2014; and by the American National Standards Institute on July 31, 2014.

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ASHRAE obtains consensus through participation of its national and international members, associated societies, and public review.

ASHRAE Standards are prepared by a Project Committee appointed specifically for the purpose of writing the Standard. The Project Committee Chair and Vice-Chair must be members of ASHRAE; while other committee members may or may not be ASHRAE members, all must be technically qualified in the subject area of the Standard. Every effort is made to balance the concerned interests on all Project Committees.

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FOREWORD

This addendum separates vertical air stratification limits for standing vs. seated occupants because the previous requirement did not distinguish between the two and would be overly restrictive when applied to standing occupants. This clarification only applies to occupants who are standing still with metabolic rates less than 1.3 met because the entire Section 5.3.4, "Local Thermal Discomfort," does not apply above 1.3 met.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~striking through~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes.

Addendum a to Standard 55-2013

Modify Section 5.3.4.4 as shown below.

5.3.4.4 Vertical Air Temperature Difference. Air temperature difference between head level and ankle level shall not exceed 3°C (5.4°F) for seated occupants or 4°C (7.2°F) for standing occupants (see note in Section 5.3.4.1).

Modify Section 6.2(g) as shown below.

6.2 Documentation

g. Air speed, radiant temperature asymmetry, vertical ~~radiant~~ air-temperature difference asymmetry, surface temperatures, and temperature variations with time shall be determined in accordance with generally accepted engineering standards (e.g., Chapter 57 of *ASHRAE Handbook—HVAC Applications*). The method used and quantified selection criteria, characteristics, sizes, and indices that are applicable to the method shall be stated.

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.

