

# ADDENDA

**ANSI/ASHRAE/ASHE Addendum o to  
ANSI/ASHRAE/ASHE Standard 189.3-2021**

# Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities

Approved by ASHRAE and the American National Standards Institute on January 31, 2025, and by the American Society for Healthcare Engineering on January 6, 2025.

This addendum was approved by a Standing Standard Project Committee (SSPC) for which the Standards Committee 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. Instructions for how to submit a change can be found on the ASHRAE® website ([www.ashrae.org/continuous-maintenance](http://www.ashrae.org/continuous-maintenance)).

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ISSN 1041-2336



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**Cognizant TC: 9.6, Healthcare Facilities**

**Supporting TC: 2.8, Building Environmental Impacts and Sustainability**

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## FOREWORD

*Addendum o modifies Section 10, "Construction and Plans for Operation," which was previously modified by published Addendum ao to ASHRAE/ICC/USGBC/IES Standard 189.1-2020. ANSI/ASHRAE/ASHE Standard 189.3 maintains a majority of the content from Addendum ao's modifications and maintains the requirement to follow "construction and plans for operation" addressed in ANSI/ASHRAE/ASHE Standard 170. It also excludes counting patients as occupants due to their transitory presence in the building.*

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

## Addendum o to Standard 189.3-2021

***Add new Section 10.10.8 as shown.***

**10.10.8 Indoor Environmental Quality Survey and Response to Occupants.** Occupant (excluding all patients) responses to indoor environmental quality shall be monitored in accordance with the following:

**10.10.8.1** An IEQ survey of all occupants of the building shall be conducted at an interval of not more than three years. The initial survey shall be performed within six months of initial occupancy.

**10.10.8.2** The survey questions shall include satisfaction and diagnostic questions addressing IEQ, lighting, acoustics, and thermal comfort. The survey questions shall use a seven-point satisfaction scale and comply with ANSI/ASHRAE Standard 55, Section 7.3.1.1.

**10.10.8.3** A plan for reporting the survey results shall be provided that includes the following:

- a. The survey report shall state where the response rate was less than the response rates specified in ASHRAE Standard 55, Section 7.3.1.
- b. The survey report shall indicate the percentage of satisfaction for each question in accordance with ASHRAE Standard 55, Section 7.4.1(a).
- c. The percentage satisfaction results shall be compared to a nationally recognized survey benchmarking database where the building occupancy category is represented in the databases of nationally recognized organizations.

**10.10.8.4 Occupant Response.** An occupant complaint and response program for IEQ shall be implemented.

## **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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Founded in 1894, ASHRAE is a global professional society committed to serve humanity by advancing the arts and sciences of heating, ventilation, air conditioning, refrigeration, and their allied fields.

As an industry leader in research, standards writing, publishing, certification, and continuing education, ASHRAE and its members are dedicated to promoting a healthy and sustainable built environment for all, through strategic partnerships with organizations in the HVAC&R community and across related industries.

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