

# ADDENDA

**ANSI/ASHRAE/IES Addendum dg to  
ANSI/ASHRAE/IES Standard 90.1-2022**

# Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings

Approved by ASHRAE Standards committee on November 21, 2025; by the American National Standards Institute on December 16, 2025; and by the Illuminating Engineering Society on December 3, 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 (<https://www.ashrae.org/continuous-maintenance>).

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- participation in the next review of the Standard,
- offering constructive criticism for improving the Standard, or
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## FOREWORD

Addendum dg addresses requests for interpretation. It reorganizes the existing text for clarity and changes the timeout to match the lighting occupancy sensor timeout revisions already published.

A cost-effectiveness analysis was not conducted, as this does not increase costs.

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

## Addendum dg to Standard 90.1-2022

### Modify Section 3.3 as shown (I-P and SI).

#### 3.3 Abbreviations

[ . . . ]

24/7                    24 hours per day, 7 days per week

[ . . . ]

### Modify Section 8.4.2 as shown (I-P and SI).

#### 8.4.2 Automatic Receptacle Control. ~~The following shall be automatically controlled:~~

- a. ~~At least 50% of all 125 V, 15 and 20 amp receptacles in all In private offices, open offices, conference rooms, rooms used primarily for printing and/or copying functions, break rooms, classrooms, and individual workstations, 50% or more of single-phase alternating current receptacles rated at 20 amps or less shall be automatically controlled in accordance with Section 8.4.2.1.~~
- b. ~~At least Not less than 25% of branch circuit circuits, feeders installed for receptacle outlets in modular furniture not shown on the construction documents, shall be automatically controlled in accordance with Section 8.4.2.1.~~

~~This control shall function on~~

- a. ~~a scheduled basis using a time-of-day operated control device that turns receptacles off at specific programmed times — an independent program schedule shall be provided for controlled areas of no more than 5000 ft<sup>2</sup> and not more than one floor (the occupant shall be able to manually override the control device for up to two hours);~~
- b. ~~an occupancy sensor that shall turn receptacles off within 20 minutes of all occupants leaving a space;~~
- e. ~~an automated signal from another control or alarm system that shall turn receptacles off within 20 minutes after determining that the area is unoccupied.~~

~~All controlled receptacles shall be permanently marked to visually differentiate them from uncontrolled receptacles and are to be uniformly distributed throughout the space.~~

~~Plug-in devices shall not be used to comply with Section 8.4.2. All automatically controlled receptacles shall be permanently marked to visually differentiate them from uncontrolled receptacles and shall be uniformly distributed throughout the space. Controlled receptacles shall be one of the following:~~

- a. ~~Split controlled duplex receptacles with the top or left receptacle controlled.~~
- b. ~~Installed within 6 ft (2 m) of each uncontrolled receptacle.~~

**Exception to 8.4.2:** Receptacles for the following shall not require an *automatic control device*:

1. Receptacles specifically designated for *equipment* requiring 24/7 continuous operation (~~24/day, 365 days/year~~).
2. *Spaces* where an *automatic control* would endanger the safety or security of the room or *building occupants*.

**8.4.2.1 Automatic Receptacle Control Function:** Automatically controlled receptacles shall not be controlled by manual lighting controls, except as permitted by Section 8.4.2.1(a). Automatically controlled receptacles shall be controlled by one or more of the following:

- a. A time-of-day-operated *control device* that turns receptacles off when the *space* is scheduled to be unoccupied. An independent program schedule shall be provided for controlled areas of no more than 5000 ft<sup>2</sup> (465 m<sup>2</sup>) and for not more than one floor. The occupant shall be able to manually override the *control device* for up to two hours.
- b. An *occupancy sensor* that turns receptacles off within 15 minutes of all occupants leaving a *space*
- c. An automated signal from another control or alarm system that turns receptacles off within 15 minutes after determining that the area is unoccupied

## **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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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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