

**ANSI/ASHRAE/ICC/USGBC/IES Addendum q to
ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023**

Standard for the Design of High-Performance Green Buildings

**Except Low-Rise
Residential Buildings**

The Complete Technical Content of the International Green Construction Code®

Approved by ASHRAE and the American National Standards Institute on July 31, 2026; by the International Code Council and the U.S. Green Building Council on January 28, 2026; and by the Illuminating Engineering Society on January 26, 2026.

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).

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Cognizant TC: 2.8, Building Environmental Impacts and Sustainability

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FOREWORD

Addendum q clarifies the requirements for electric vehicle charging infrastructure by placing the percentages that specify the required number of parking spaces of various types into a table. The addendum also removes the EV charging option based on the number of employee-only parking spaces. The project committee believes the existing language is a loophole to the intended requirements for overall EV charging infrastructure based on building occupancy.

These changes are made with respect to previously published Addenda c and i to Standard 189.1-2023.

Informative 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 q to Standard 189.1-2023

Modify Section 5.3.7.3 as shown.

5.3.7.3 Electric Vehicle (EV) Charging Facilities Infrastructure

5.3.7.3.1 Non-Residential Occupancies. Where four or more on-site vehicle parking spaces are provided as part of the building project, for International Building Code (IBC) Occupancy Group A, B, E, F, I, M, and S buildings, not less than 4% of the total number of parking spaces or 8% of designated employee only parking spaces shall be EV ready spaces or EVSE spaces. Not less than 30% of the total number of parking spaces shall be EV capable spaces, EV ready spaces, or and EVSE spaces shall be provided as shown in Table 5.3.7.3 as a percentage of the total number of on-site parking spaces. Where EVSE spaces are provided, they apply toward the requirements for EV ready spaces and EV capable spaces. Where EV ready spaces are provided, they apply toward the requirement for EV capable spaces.

Exception to 5.3.7.3.1: Parking spaces designated by signage for curbside pick-up, drop-off, or any designated duration of not more than 30 minutes shall be excluded from the total number of on-site parking spaces.

5.3.7.3.2 Residential Occupancies. Where four or more on-site vehicle parking spaces are provided for IBC Occupancy Group R-1, R-2, and R-4 buildings, not less than 20% of the total number of parking spaces shall be EV ready spaces or EVSE spaces. Not less than 75% of the total number of parking spaces shall be EV capable spaces, EV ready spaces, or EVSE spaces.

Exception to 5.3.7.3.2: Parking spaces designated by signage for curbside pick-up, drop-off, or any designated duration of not more than 30 minutes shall be excluded from the total number of on-site parking spaces.

Table 5.3.7.3 Required Minimum Number of EV Spaces

Building Occupancy	EVSE Spaces	EV Ready Spaces	EV Capable Spaces
Group A, B, E, F, I, M, and S Occupancies	0%	4%	30%
Group R-1, R-2, and R-4 Occupancies	0%	20%	75%

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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.

Standard 189.1 and the International Green Construction Code

Standard 189.1 serves as the complete technical content of the International Green Construction Code[®] (IgCC). The IgCC creates a regulatory framework for new and existing buildings, establishing minimum green requirements for buildings and complementing voluntary rating systems. For more information, visit www.iccsafe.org.

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