



Shaping Tomorrow's
Built Environment Today

**International Green Construction Code Powered by
ANSI/ASHRAE/ICC/USGBC/IES
Standard 189.1
Standard for the Design of High Performance, Green Buildings**

Purpose

To provide minimum requirements for the siting, design, construction, and plans for operation of high-performance green buildings to reduce emissions from buildings and building systems, enhance building occupant health and comfort, conserve water resources, protect local biodiversity and ecosystem services, promote sustainable and regenerative materials cycles, enhance building quality, and enhance resilience to natural, technological, and human-caused hazards; and support the goal of development that meets the needs of the present without compromising the ability of future generations to meet their own needs.

Significance

Published by ASHRAE, in conjunction with the Illuminating Engineering Society of North America (IES), the International Code Council (ICC) and the U.S. Green Building Council (USGBC), Standard 189.1, *Standard for the Design of High-Performance, Green Buildings Except Low-Rise Residential Buildings*, is the first code-intended commercial green building standard in the United States. The standard currently serves as the technical content of the International Green Construction Code (IgCC) sponsored by ASHRAE, ICC, IES, USGBC and the American Institute of Architects (AIA).

Scope

1. Provides minimum criteria that apply to the following elements of building projects:
 - new buildings and their systems.
 - new portions of buildings and their systems.
 - new systems and equipment in existing buildings.
 - Relocated existing buildings and temporary structures where specified in the standard



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2. Addresses site sustainability, water use efficiency, energy efficiency, indoor environmental quality (IEQ), and the building's impact on the atmosphere, materials and resources and construction and plans for operation.

Facts

- Incorporated by the U.S. Army, Navy and Air Force into Unified Facilities Criteria for Energy and Sustainability Building Requirements.
- Revised through addenda using a continuous maintenance process that includes public review of each proposed addendum.
- Written in code-compatible language, allowing for easier adoption by code-writing organizations.