

ASHRAE Technical FAQ

ID 99

Question What recommendations does ASHRAE have for “green” or “sustainable” building design?

ASHRAE has long had an interest in and published guidance related to designing green or sustainable buildings. The following publications, available in the ASHRAE bookstore, are just a few examples:

- [ASHRAE Green Guide \(5th edition 2018\)](#)
- [Advanced Energy Design Guides](#)
- [Standard 189.1-2014 – Standard for the Design of High-Performance Green Buildings](#)
- [Standard 90.1-2016 – Energy Standard for Buildings Except Low-Rise Residential Buildings](#)
- [Standard 90.1-2016 User’s Manual](#)
- [Standard 90.2-2007 – Energy-Efficient Design of Low-Rise Residential Buildings](#)
- [Standard 55-2017 -- Thermal Environmental Conditions for Human Occupancy](#)
- [Standard 62.1-2016 – Ventilation for Acceptable Indoor Air Quality](#)
- [Standard 62.2-2016 – Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings](#)

Answer

ASHRAE, in conjunction with IES and USGBC has published standard [189.1](#) as the standard for the design, construction, and operations of green buildings.

Several [ASHRAE Learning Institute](#) courses are now available related to sustainability, and as well ASRHAЕ offers a [High Performance Building Design Professional certification](#) program.

In addition to these publications and events, many [ASHRAE Journal](#) Applications articles, as well as technical symposia and seminar presentations from the ASHRAE Annual meetings are focused on green or sustainable building design.

In addition to the [ASHRAE Journal](#), ASHRAE publishes the [High Performance Buildings](#), which features articles on high performance building design.

ASHRAE also maintains the website, ASHRAE - Engineering for Sustainability at www.engineeringforsustainability.org as a sustainability resource.

You may wish to perform a keyword search at www.ashrae.org to search for more publications.

ASHRAE Pubs [ASHRAE Green Guide](#), [Advanced Energy Design Guide For Small Office Buildings](#), ASHRAE Standards [189.1](#), [90.1](#), [90.2](#), [55](#), [62.1](#), [62.2](#), [90.1 User's Manual](#)

Topic References green, sustainable, design, buildings, environment, renewable

	Cognizant ASHRAE Committees	Refer to Organization
1	TC 2.8	
2		
3		
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