

STANDARD

**ANSI/ASHRAE/IES Addendum d to
ANSI/ASHRAE/IES Standard 202-2018**

Commissioning Process for New Buildings and New Systems

Approved by ASHRAE and the American National Standards Institute on February 28, 2023, and by the Illuminating Engineering Society on February 15, 2023.

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Cognizant TC: 7.9, Building Commissioning

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FOREWORD

Addendum d adds ongoing commissioning requirements related to new construction.

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 d to Standard 202-2018

Modify Section 6.2.3 as shown. The remainder of Section 6 remains unchanged.

6.2.3 The OPR document shall address the following for the commissioned systems:

[...]

- f. Ongoing Cx scope and requirements where required by Owner or by code
- ~~g.~~ Equipment, systems and assemblies requirements, expectations, and warranty provisions
- ~~h.~~ Maintainability, access, and operational performance requirements
- ~~i.~~ Installation evaluation and testing requirements
- ~~j.~~ Project documentation, Cx Progress Reports, Systems Manual requirements and formats
- ~~k.~~ Training requirements for Owner's operations and maintenance (O&M) personnel, emergency response personnel, and occupants, including level of training required, qualifications of trainers, and documentation requirements
- ~~l.~~ Designer Basis of Design (BoD) milestone submission requirements
- ~~m.~~ Applicable codes and standards in addition to local building codes

[...]

Modify Section 7.2.3 as shown. The remainder of Section 7 remains unchanged.

7.2.3 The Cx Plan shall include the following information:

[...]

- k. List of Ongoing Cx activities

Modify Section 16 as shown. The remainder of Section 16 remains unchanged.

16.1 Introduction. Post_occupancy operation commissioning, including delayed and seasonal testing and warranty issues, shall be provided prior to the time of warranty completion to deliver buildings and construction projects that meet the Owner's needs. The post_occupancy operations Cx Activities begin at substantial completion. Ongoing Cx shall also occur in this same time period where required in the OPR and as described in the Cx Plan.

16.2 Requirements

[...]

16.2.5 Ongoing Cx Activities shall be executed according to the Ongoing Cx Plan as required in the OPR. If modifications to the OPR occur during the warranty phase, a CFR shall be developed.

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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