



**BSR/ASHRAE/IES Addendum c
to ANSI/ASHRAE/IES Standard 202-2018**

Public Review Draft

Proposed Addendum c to Standard 202-2018, Commissioning Process for New Buildings and New Systems

**First Public Review (August 2022)
(Draft shows Proposed Changes to Current Standard)**

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(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

This proposed addendum adds ongoing commissioning requirements related to new construction.

Note: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~striketrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.

Addendum c to Standard 202-2018

Modify Section 6 as follows. The remainder of Section 6 remains unchanged.

6. OWNER'S PROJECT REQUIREMENTS

[...]

6.2 Requirements

[...]

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
- gf. Equipment, systems and assemblies requirements, expectations, and warranty provisions
- hg. Maintainability, access, and operational performance requirements
- ih. Installation evaluation and testing requirements
- ji. Project documentation, Cx Progress Reports, Systems Manual requirements and formats
- kj. 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
- lk. Designer Basis of Design (BoD) milestone submission requirements
- l. ~~Applicable codes and standards in addition to local building codes~~

[...]

Modify Section 7 as follows. The remainder of Section 7 remains unchanged.

7. COMMISSIONING PROCESS PLAN

[...]

7.2 Requirements

[...]

7.2.3 The Cx Plan shall include the following information:

[...]

k. List of Ongoing Cx activities

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

16. POST_OCCUPANCY OPERATION

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.

[...]

Renumber subsequent subsections accordingly.