



**BSR/ASHRAE/ASHE Addendum j
to ANSI/ASHRAE/ASHE Standard 189.3-2021**

Fourth Publication Public Review Draft

**Proposed Addendum j to
Standard 189.3-2021, Design,
Construction, and Operation of
Sustainable High-Performance
Health Care Facilities**

**(Draft shows Proposed Changes to Previous Addendum)
Fourth Publication Public Review, Independent Substantive Changes**

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FOREWORD

Material and product resilience is important in all types of building however healthcare facilities place additional strain on the selection of these component, because of infection risk based on pre-mature failure or inappropriate specification for the application based on the cleaning, sanitizing, and disinfecting requirements of healthcare spaces. This change requires the Materials section with subsequent recommendations to the Operations and Indoor Environmental Quality sections. New references are added for the user to comply with specifically rated cleaning products.

The third public review of this draft includes proper uses with new definitions and aligns the section headers with Standard 189.1-2023.

The goal of the green cleaning and disinfecting plan is to identify disinfection products that are considered safer for use.

The fourth public review address comments regarding the plan for use of disinfectants and cleaners as well as clarifying language addressing Scope 3 emissions.

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 j – 4th ISC to Standard 189.3-2021

Modify Section 10 as follows. The remainder of Section 10 remains unchanged. Note: Section 10.9.5 is updated to 10.9.4 to reflect alignment of sections in Standard 189.1-2023. Highlighted text is removed but.

10.9.4 Building Green Cleaning Plan. A green cleaning and disinfecting plan shall be developed for the *building project* in compliance with Green Seal Standard GS-42 ~~Section 2.2 and include the use of bathroom cleaners, degreasers, general purpose cleaners, and glass cleaners that comply with the appropriate standards set forth by EcoLogo, Green Seal, or USEPA’s Safer Choice Program, specifically GS 34, GS 37, GS 40, EcoLogo CCD 148, UL EcoLogo 2759, UL EcoLogo 2777, UL EcoLogo 2792, UL EcoLogo 2794, and UL EcoLogo 2795, as applicable.~~ and Centers for Disease Control and Prevention requirements to maintain infection control. US Environmental Protection Agency (EPA) Design for the Environment (DfE) Certified Disinfectants and EPA’s Safer Choice Chemicals (or equivalent jurisdiction) to be utilized if they meet the efficacy requirements for disinfection based on pathogen. **Note:** EPA Registration Numbers are used to identify active ingredients for disinfection.

Follow Centers for Disease Control and Prevention (CDC) prevention requirements “Recommendations for Disinfection and Sterilization in Healthcare Facilities: 5. Cleaning and Disinfecting Environmental Surfaces in Healthcare Facilities”. Cross reference and select a disinfectant that meets the efficacy requirements from the EPA registered disinfectants for specific pathogens from one or more of the following:

- US Environmental Protection Agency (EPA) Design for the Environment (DfE) Certified Disinfectants including EPA’s Safer Choice Chemicals
- UL EcoLogo (i.e. UL 2700 or UL 2794)
- Green Seal (i.e. GS-37 or GS-40)

Informative Notes:

1. EPA Registration Numbers are used to identify active ingredients for disinfection.
2. For example, use **Selected EPA-Registered Disinfectants-“Antimicrobial Products Registered with EPA for Claims Against Common Pathogens”** (e.g. for SARS- CoV-2 disinfectants use List N)
3. The disinfection process includes: clean surface first and then disinfect the cleaned surface.

Exception to 10.9.4: *Dwelling units of a building project.*

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10.9.4.3 [189.3] Scope 3 emissions. Identify and evaluate Scope 3 operational emissions to reduce greenhouse gas emissions and ~~improve~~ reduce overall environmental impacts. Document the relevant categories, measurement process, results, and reduction opportunities.

Informative Note: GHG Scope 3 category 1 purchased goods and services (e.g. water) and category 5 waste generated in operations should be included in all evaluations.

Modify Section 12 with new references as follows:

Reference	Title	Section
Asthma and Allergy Foundation of America 1235 South Clark Street Suite 305, Arlington, VA 22202 Phone: 1-800-7-ASTHMA (1-800-727-8462)	Allergy Standards	8.4.2.7, 11.4.2.6
U.S. Environmental Protection Agency (USEPA) Office of Pesticide Programs (Mail Code 7506C) 1200 Pennsylvania Ave., NW Washington DC 20460	DfE- Certified Disinfectants https://www.epa.gov/pesticide-labels/dfecertified-disinfectants	10.9.5
Office of Pollution Prevention & Toxics (Mail Code 7406-M)	SaferChoice: https://www.epa.gov/saferchoice/products	10.9.5
U.S. Department of Health and Human Services Centers for Disease Control and Prevention (CDC) Healthcare Infection Control Practices Advisory Committee 1600 Clifton Rd. Atlanta, GA 30033, United States 1800 CDC INFO 800-232-4636 http://www.cdc.gov	Appendix C – Example of high-touch surfaces in a specialized patient area https://www.cdc.gov/infectioncontrol/guidelines/disinfection/index.html https://www.cdc.gov/hai/prevent/resource-limited/high-touch-surfaces.html https://www.epa.gov/pesticide-registration/selected-epa-registered-disinfectants	3.1 10.9.4
<u>Guideline for Disinfection and Sterilization in Healthcare Facilities, 2008 (2024)</u>	https://www.cdc.gov/infection-control/media/pdfs/Guideline-Disinfection-H.pdf	10.9.4
<u>Disinfection and Sterilization in Healthcare Facilities:</u> <u>5. Cleaning and Disinfecting Environmental Surfaces in Healthcare Facilities</u>	https://www.cdc.gov/infection-control/hcp/disinfection-sterilization/summary-recommendations.html	10.9.4