	Title: YALE OFFICE OF FACILITIES PROCEDURE MANUAL Chapter: 01 - Yale Design Standard Division: 12 00 00 Furnishings	Section: 12 50 00 Requirements for Furniture
		Date: 07/15/19
		Author: University Planning

PART 1 - INTRODUCTION

1.1 PURPOSE

- A. All furniture purchased must meet Yale’s requirements for addressing specific chemical classes of concern. This will require avoiding products containing:
 - Persistent bioaccumulative toxic compounds –Compounds that are toxic, persist in the environment and build up in the food chain, and can pose risks to public health by causing adverse effects to biological systems.
 - Carcinogens, mutagens and reproductive toxic chemicals – Chemicals that have been shown to cause cancer, a mutation of the genes, or damage to the development or function of reproductive systems.
- B. Further, any furniture procured as part of this project must be free of chemical flame retardants, unless required by code. Chemical flame retardants are not required in spaces provided with automatic sprinkler systems (with the exception of detention facilities), but always consult a code specialist and the Yale Fire Marshal’s ‘Requirements for Furnishings, per Requirements of the 2019 Connecticut Fire Safety Code, Part III’ to verify.


PART 2 - GENERAL DESIGN REQUIREMENTS

- A. All furniture shall comply with the restrictions on the following chemicals of concern as described in section 7.4.4 in ANSI/BIFMA e3-2019 Furniture Sustainability Standard, including
 1. Flame Retardant Chemicals
 2. Formaldehyde and Volatile Organic Compounds (VOCs)
 3. Per and Poly-Fluoroalkyl Substances (PFASs) used as stain/water/oil resistant treatments
 4. Antimicrobials
 5. Polyvinyl Chloride (PVC)
- B. Verification of compliance with the ANSI/BIFMA standard shall be provided to owner prior to contract award.

PART 3 - MINIMUM PRODUCT REQUIREMENTS

3.1 Flame Retardants

- A. All upholstered seating complying with TB 117-2013 shall be labeled as not containing flame retardant chemicals consistent with the manner described in Section 19094 of the California Business and Professions Code.

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- B. If a product is required to have flame retardants by code or regulation, meeting the following criteria is required.
1. No halogenated flame-retardant chemical may be used at levels above 1,000 parts per million by weight of the homogeneous material, excluding electrical components.
 2. Products that contain flame retardant chemicals that have been fully assessed using GreenScreen v1.2 (or newer) and meet the criteria for benchmark 2, 3, or 4 will be preferred.

Date	Description of Change	Pages / Sections Modified	ID
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