

BIFMA STANDARDS

A] Seating Systems Performance	
ANSI/BIFMA X5.1-2011	American National Standard For Office Furnishings- General Purpose Office Chairs - This standard uses the 95th percentile male at 253 lbs. as the basis for the tests. Tests Includes: Scope, Definitions, General Sections and Tests for: Back Pull, Unit Base, Seat Drop, Swivel Cycling, Tilt Mechanism, Seating Impact, Stability, Arm Strength, Back Durability, Caster Durability, Caster Swivel, Caster Rolling, and Foot-ring Durability.
ANSI/BIFMA X5.11-2015	American National Standard For large occupant office seating - General Purpose Large Occupant Office Chairs – The standard uses the 99th percentile male at 400 lbs. as the basis for the tests. Chairs designed to this standard must have seat widths of 22 in. or greater. Tests Includes: the specific tests, laboratory equipment, conditions of test, and recommended minimum levels to be used in the testing and evaluation of the safety, durability, and structural adequacy of general-purpose large occupant office chairs.
ANSI/BIFMA X5.4-2012	American National Standard For Office Furnishings- Lounge Seating & Public Seating -Tests Includes: Scope, Definitions, General Sections, and Tests for: Back Strength/Durability, Arm Strength/Durability, Seating Impact, Seat Drop, Structural Durability, Unit Base, Leg Strength, Unit Drop, Caster/Base Durability, Swivel Cycling, Tilt Mechanism, and Unit Stability.
ANSI/BIFMA X6.1-2012	American National Standard For Office and Institutional Furnishings- Educational Seating -Tests Includes: Scope, Definitions, General Sections and Tests for Stability, Backrest Strength, Backrest Durability, Drop Test, Seat Load, Seat Durability, Arm Strength, Arm Durability, Caster Tests, Leg Strength, Swivel Test, Tablet Arm Tests, Chair Desk and Convertible Bench Load-Ease, and Loading of Storage Hooks.
B] Office Furniture Product Performance	
ANSI/BIFMA X5.3-2007 (R 2012)	American National Standard For Office Furnishings- Vertical Files -Tests Includes: Scope, Definitions, General Sections, and Tests for: Unit Stability, Extendible Element Cycle, Extendible Element Rebound, Out Stop, Lock Mechanism, Extendible Element Latch, Follower Block, Case Racking, Unit Strength, and Drop test.
ANSI/BIFMA X5.5-2014	American National Standard For Office Furnishings- Desk Products -Tests Includes: Scope, Definitions, General Sections, and Tests for: Top Loading, Load Ease, Lock Mechanism, Extendible Element or Roll-Out Shelf Cycle, Out Stop, Rebound, Racking, Leg Strength, Horizontal and Vertical Adjustment, Stability, Cycle Testing for Receding Doors, Interlock, Drop Test for Receding Door, Unit Drop.

ANSI/BIFMA X5.6-2010	American National Standard For Office Furnishings- Panel Systems - Tests Includes: Scope, Definitions, General Sections, and Tests for: Panel Stability, Panel Mounted Component Weights, Storage/Display Shelf Static Load, Cabinet Test, Lateral File Test, File Bin Test, Work Surface Static Load, and Work Surfaces with Supported Drawer Test.
ANSI/BIFMA X5.9-2012	American National Standard For Office Furnishings- Storage Units - Tests Includes Scope, Definitions, General Sections, and Tests for: Unit Strength, Leg/Glide Assembly Strength, Racking Resistance, Vertical Load Durability, Disengagement, Stability, Storage Unit Drop, Movement Durability for Mobile Storage Units, Rebound, Out Stop, Lock, Extendible Element Cycle, Interlock Strength, Doors, Clothes Rails Static Loading, Swivel Cycle for TV/Video Display Terminal Surfaces, Pull Force, Front Stability Loading Pad and Front Stability Loading Fixture.
ANSI/SOHO S6.5-2008 (R2013)	American National Standard For Office Furnishings- Small Office/Home Office . Tests include: Scope, Definitions, General Sections and Tests for: Top Loading, Load Ease, Lock Mechanism, Extendible Elements, Cycle Tests, Out Stop, Rebound, Leg Strength, Stability, Drop Tests and more.
C] Ergonomic Design Requirements	
BIFMA G1-2013	“ Ergonomics Guideline for Furniture used in Office Work Spaces Designed for Computer Use”. This document uses the principles of ISO 9241 Part 5 (1998) and other relevant publications.
BIFMA G1-2013 “Ultimate Test for Fit”	It is a companion document and is a compilation of Ergonomics Guidelines based on BIFMA G1-2013.
D] BIFMA Quality System	
BIFMA Quality System Standard v9.3	The BIFMA Quality System Standard (24 May 2004) is a voluntary minimum quality system standard utilized within the Office Furniture Industry. This basic quality system standard is used by office furniture industry manufacturers and their suppliers. This standard was developed to provide an assessment of the supplier's quality system capabilities. This document is based on the criteria defined by ISO-9001 (2000 revision), incorporated into the ISO-1994 standard format of 20 elements. Not all elements of the standard will apply to all suppliers.
E] Furniture Emissions	
ANSI/BIFMA M7.1-2011	This standard test method is intended for determining volatile organic compound (VOCs including aldehydes) emissions from office furniture and seating under environmental and product usage conditions that are typical of those found in office buildings.
ANSI/BIFMA X7.1-2011	This standard defines the acceptance criteria for VOC emissions from furniture used in offices to be classified as low-emitting product and should be used in conjunction with the ANSI/BIFMA M7.1 Standard Test Method for Determining VOC Emissions from Office Furniture Systems, Components and Seating.

F] Furniture Sustainability	
ANSI/BIFMA e3-2014 Furniture Sustainability	This American National Standard was developed to help identify and assess environmentally preferable furniture . The standard allows for multiple levels of achievement and provides an open alternative to proprietary protocols. It includes, Scope, Definitions, Assessing Conformance, Evaluation, and Assessment Criteria in the areas of <i>Materials – Energy and Atmosphere - Human and Ecosystem Health - Social Responsibility</i> .
TRACI Look Up & Chemical of Concern	The TRACI Chemical Impact Look up tool provides a quick way to check if a chemical is listed in e3 Annex B and/or USEPA’s Tool for the Reduction and Assessment of Chemical and other Environmental Impacts (TRACI) 2012 dataset.
Design Leveraged	A special report: How smart companies unleash value from their work spaces
LCA Chair Study	An Evaluation of the Variability Possible within a Single Environmental Product Declaration and Product Category Rule
G] Product Measurement & Material Quality and Other Furniture Standards	
BIFMA Chair Measuring Device (U.S. PATENT NO. 5,564,195)	Provides measurement protocol and device for measuring various ergonomic features of seating products . A complete set of drawings and instructions can be purchased, for those who might want to fabricate their own device.
BIFMA Tex4.1-2005	Standard for Woven Textile Characteristics The Textile Standard defines policies for textile flaws and provides a common basis for differentiating the face from the back of a woven textile fabric and the top of the pattern
BIFMA Color 3.1-2005	Standard for Color Measurement The purpose of this document is to standardize a method of visual and numerical requirements for color evaluation.
BIFMA HCF 8.1-2014	The BIFMA Health Care Furniture Design-Guidelines For Cleanability covers the terminology, typical cleaners, and recommendations to evaluate the furniture resistance to degradation when exposed to the typical cleaners.
H] Product Category Rules	
BIFMA UNCPC 3811	BIFMA PCR for Seating -Product Category Rules for commercial and institutional seating enabling reporting of environmental attributes. This Seating PCR provides a science-based and internationally recognized method for reporting the environmental impact of seating products throughout their entire life cycle.
BIFMA UNCPC 3812	BIFMA PCR for Storage -Product Category Rules for office storage enable reporting of environmental attributes. The Office Storage PCR provides a science-based and internationally recognized method for reporting the environmental impact of storage products throughout their entire life cycle.
BIFMA PD-1-2011	Mechanical Test Standards – Compiled Definitions. A Comprehensive reference guide to the industry definitions used in the BIFMA standards.