

Structural Testing and 3D Printing/CAD Design Intake Log

Date: _____

Company Name _____

Contact Name for Testing _____

Testing Contact Phone # _____

Email _____

Test Results will Email _____

ONLY be sent to Email _____

emails listed here Email _____

****Please note: The bill will come from cvcc (Catawba Valley Community College) along with a copy of this Test Package Request Form. Please make checks payable to "CVCC"**

Contact Name for Billing _____

Billing Contact Phone # _____

Billing Address for Testing _____

PO # (if applicable) _____

Contact email for billing _____

Structural Testing

Sample ID _____

Type of Sample

Test(s) to be performed _____

Modifications (if any)

3D Printing/CAD Design

3D Printing CAD Design

Dropping off: Reverse Engineering (Solid model sample)

Native File (Inventor, SOLIDWORKS, AutoCAD)

Material:

ABS Plastic

Nylon Filament

Quantity: _____

Specifications: _____

Some of our BIFMA testing capabilities are listed on back.

If you do not see a test that you would like to have performed please ask.

Testing samples not collected within two weeks of testing completion will be disposed of and you may be subject to a disposal fee.

BIFMA Test Selection

BIFMA x5.11-2015
General purpose large occupant office chairs

sec.6- Backrest strength test- static-type 1
sec.7- Backrest strength test- static- type 2 and 3
sec.8- Drop test- dynamic
sec.9- swivel test- cyclic
sec.10- tilt mechanism- cyclic
sec.11.- seating durability test- cyclic
sec.12- stability tests
sec.13- arm strength tests- vertical- static
sec.14- arm strength tests- horizontal- static
sec.15- backrest durability test- cyclic- type 1
sec.16- backrest durability test- cyclic- type 2 and 3
sec.17- caster/chair base durability test- cyclic
sec.18- leg strength test- front and side application
sec.19- arm durability tests- cyclic
sec.20- out stop test for chairs with manually adjustable seat depth
sec.21- tablet arm static load test
sec.22- tablet arm load ease test- cyclic
sec.23- structural durability test

BIFMA x5.1-2017
General purpose office chairs

sec.5- backrest strength test- static- type 1 and 2
sec.6- backrest strength test- static- type 3
sec.7- drop test- dynamic
sec.8- swivel test- cyclic
sec.9- tilt mechanism test- cyclic
sec.10- seating durability test- cyclic
sec.11- stability test
sec.12- arm strength test- vertical- static
sec.13- arm strength test- horizontal- static
sec.14- backrest durability test- cyclic- type 1
sec.15- backrest durability test- cyclic- type 2 and 3
sec.16- caster/chair base durability test- cyclic
sec.17- leg strength test- front and side application
sec.18- footrest static load test- vertical
sec.19- footrest durability test- vertical- cyclic
sec.20- arm durability test- cyclic
sec.21- out stop test for chairs with manually adjustable seat depth
sec.22- tablet arm chair static load test
sec.23- tablet arm chair load ease test- cyclic
sec.24- structural durability test- cyclic

other standards
we provide testing for...

BIFMA x5.5-2014
Desk/table products

BIFMA x5.6- 2010
Panel systems

BIFMA x5.9- 2012
Storage units

BIFMA x5.4-2012- Lounge and public seating

sec.5- backrest strength test- horizontal- static
sec.6- backrest strength test- vertical- static
sec.7- backrest durability test- horizontal- cyclic
sec.8- backrest durability test- vertical- cyclic
sec.9- arm strength test- horizontal- static
sec.10- arm strength test- vertical- static
sec.11- arm durability test- horizontal- cyclic
sec.12- arm durability test for multiple seating units- vertical- static
sec.13- arm durability test for single seat units- angular-cyclic
sec.14- seating durability test- cyclic
sec.15- drop test- dynamic
sec.16- leg strength test- front and side application
sec.17- unit drop test- dynamic
sec.18- caster/unit base durability test- cyclic
sec.19- swivel test- cyclic
sec.20- tilt mechanism test- cyclic
sec.21- stability test
sec.22- tablet arm load ease test- cyclic
sec.23- tablet arm load test- static