

EPCH Wood Test Lab



TC-14676

**NABL
Accredited
Laboratory**



EPCH
Export Promotion Council
for Handicrafts

Connecting. Empowering. Transforming.

LIST OF TESTS

WOOD ITEM TESTS

Bed & Mattress

Vertical Static Load Test of the Edge
Moisture Content
Durability of Bed Edge
Durability Test
Stability
Vertical Static Load
Vertical Impact

Cabinet/Bar Cabinets/Storage Units

Interlock Test
Concentrated Load Test
Displacement of Extension Element Bottoms
Latch Test (Static)
Leg/Glide Assembly Strength Test
Load Capacity (Top)
Loading Capacity (Shelf)
Locking Device
Moisture Content
Racking Resistance Test
Shelf Retention Test at Horizontal Outward Force
Sideways Detachment
Stability of Unloaded Unit
Stability Test for Type 1 Storage Units with Multiple Extendable Elements
Stability Test for Type 1 Storage Units with At Least One Extendable Element
Stability Test for Type 2 Storage Units Having Extendable Elements
Stability with Loads on Movable Part (Vertical Force)
Stability with Loads on Open Shelf (Vertical & Horizontal Force)
Static Load Test for Tops & Bottom
Strength of Extension Elements
Strength Test for Locking & Latching Mechanism for Extension Elements
Sustained Load Test for Trays
Test for Structure & Under Frame
Unit Strength Test
Vertical Dislodgement Test
Distributed Load Test
Drawer Operability/Pull Force Test
Drop Test
Drop Test for Trays
Drop Test for Units with Seat Surfaces
Durability Test for Units with Seating Surface (Cyclic Impact)
Extendible Element Cycle Test

Chair & Table for Educational & Institution

Drop Test
Moisture Content
Seat & Back Durability
Seat Impact

Furniture for Domestic Seating

Leg Sideways Static Load Test
Seat Front Edge Durability Test
Seat Static Load & Back Static Load Test
Horizontal Durability Test
Arm Rest Downward Static Load Test
Combined Seat & Back Durability Test
Drop Test
Leg Forward Static Load Test
Rolling Resistance of Unloaded Chair
Seat Impact Test
Horizontal Durability Test

Furniture for Seating & Sofa Beds

Durability Test
Functional Assessment

Furniture "Chair & Stool"

Back Static Load Test
Leg Forward Static Load Test
Leg Sideways Static Load Test
Seat Fatigue Test
Seat Impact Test
Seat Static Load Test
Back Fatigue Test

Furniture for Domestic Table

Horizontal Static Load
Stability for Table with Extension Elements
Stability Under Vertical Load
Vertical Durability Test for Cantilever or Pedestal Table
Vertical Impact Test for Tables without Glass
Vertical Static Load
Horizontal Static Load

General - Purpose Office Chairs

Arm Rest Downward Static Load Test (Central)
Backrest Strength Test (Static - Type 3)
Backrest Durability Test (Cyclic - Type 2 & Type 3)
Backrest Durability Test (Cyclic - Type 1)
Backrest Strength Test (Static - Type 1 & Type 2)

LIST OF TESTS

Drop Test (Dynamic)
Leg Strength Test (Front & Side Application)
Moisture Content
Rolling Resistance of Unloaded Chair
Combined Seat & Back Static Load Test
Seat & Back Durability
Seating Durability (Cyclic)
Structural Durability
Tablet Arm Load Test (Static)
Tilt Mechanism Test (Cyclic)
Front Stability Test
Rear Stability Test

Household Chairs & Stools

Back Static Load Test
Furniture Leg Strength Test
Moisture Content (Solid Wood)
Seating Impact Durability
Combined Seat & Back Durability
Durability Test on Seating with Multi Position Back Rest
Seat Front Edge Static Load Test
Seat Static Load
Seating (Seat & Back Static Load)

Lounge & Public Seating

Backrest Durability Test (Horizontal Cyclic)
Drop Test (Dynamic)
Leg Strength Test (Front & Side Application)
Moisture Content
Seating Durability Test (Cyclic)
Tablet Arm Load Test (Static)
Unit Drop Test (Dynamic)

Office Furniture (Tables & Desks)

Benching System Distributed Proof Load
Benching System Distributed Functional Load & Stability Test
Concentrated Load Test
Distributed Load Test
Drawer Operability
Drop Test (Table End)
Extendible Element Cycle Test
Interlock Strength Test
Leg Strength Test (Front & Side)
Loading Capacity (Shelf)
Lock Test
Moisture Content (Solid Wood)
Pull Force Test

Tilting Top Table - Latch Strength Test
Extendible Element Static Load Test

Outdoor Furniture (Seating & Tables for Camping, Domestic & Contract Use)

Back Static Load Test
Leg Forward Static Load Test
Leg Sideways Static Load Test
Seat & Back Fatigue Test for Seating
Seat & Back Static Load Test
Seat Impact Test
Seat Static Load Test
Stability Under Vertical Load (Domestic)
Vertical Static Load on the Table Top (Domestic)

Public Lounge & Seating

Front Stability Test
Rear Stability Test for Non - Tilting Unit
Rear Stability Test for Tilting Unit

Coating & Substrate

Film Hardness by Pencil Test

PACKAGING TESTS

Transit Test
Carton Drop Test (ASTM D5276)
Vibration Test

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For more information please connect



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