



# WOOD TECHNOLOGY INSTITUTE

WOOD TECHNOLOGY INSTITUTE  
UL. WINIARSKA 1 • 60-654 POZNAŃ - POLAND •  
phone+ 48 61 8492 400 • fax: + 48 61 822 43 72  
e-mail: [office@itd.poznan.pl](mailto:office@itd.poznan.pl)

## TESTING LABORATORY OF WOOD, WOOD-BASED MATERIALS, PACKAGING, FURNITURE, CONSTRUCTIONS AND WOODWORKING MACHINES

The testing laboratory accredited by the Polish Accreditation Centre, EA MLA signatory,  
accreditation No AB 088

Scope of laboratory tests:

wood, wood-based materials, packaging, furniture, constructions and woodworking  
machines

### FURNITURE TEST DEPARTMENT

Poznań, 22 May 2009

### TEST REPORT No 609/2009 (S.D.)

**Order:** Test of IN ACCESS 210 chair

**Order No:** A-609-BMK/2009

**Name and address**

**of the customer:** BEJOT Sp. z o.o.  
ul. Wybickiego 2A, Manieczki  
63-112 Brodnica near Poznań

**Test date:** May 2009

**Test performers:**

Full name	Signature
Michał Rogoziński, MSc Eng.	[Illegible signature]
Mieczysław Silny, MSc Eng	[Illegible signature]
Marek Kalbrun, MSc Eng	[Illegible signature]

*[The oblong seal bearing the following inscription: "WOOD TECHNOLOGY INSTITUTE, TESTING LABORATORY OF WOOD, WOOD-BASED MATERIALS, PACKAGING, FURNITURE, CONSTRUCTIONS AND WOODWORKING MACHINES, 60-654 Poznań, ul. Winiarska 1"]*

### Head of Laboratory

Mieczysław Silny, MSc Eng.

[Illegible signature]

## **1. IDENTIFICATION (TEST OBJECT DESCRIPTION)**

The test object was the IN ACCESS 210 armchair and the test was ordered by BEJOT Sp. z o.o. seated in Brodnica Manieczki near Poznań.

## **2. DATE OF RECEIVING THE TEST OBJECT**

The test piece of furniture was delivered in April 2009.

## **3. SYMBOL AND NAME OF THE APPLIED TEST METHOD**

The tests were carried out in accordance with the following standards:

PN-EN 13761:2004 – Office Furniture. Guest Chairs.

PN-EN 1335-1: 2004 – Office Furniture. Office Work Chair. Part 1: Dimensions, Determination of Dimensions

PN-EN 1335-3:2002 – Office Furniture. Office Work Chair. Part 3: Testing Procedures for Safety (3D test method)

## **4. LIST OF MEASUREMENT EQUIPMENT**

The tests were carried out with the following necessary measurement equipment:

- equipment to test chairs No D1/B2
- template to mark loading point No D3/P09
- AST force measurement set No D2/04
- equipment to test stability of beds and seats No D3/B1 A
- metal measurement No D2/06

The measurement equipment was inspected on a current basis.

## **5. TEST RESULTS**

The test results are shown in the attached reports Nos 1-2/609.

## **6. STATEMENT**

The results shown in the reports exclusively apply to the tested sample. The test report cannot be copied in part, but only in whole.

### **REPORT No 1/609 DETERMINATION OF DIMENSIONS AND SAFETY TESTS OF THE OFFICE GUEST CHAIR**

according to

PN-EN 13761:2004, PN-EN 1335-1:2004, PN-EN 1335-3:2002

Furniture name	<b>IN ACCESS 210 chair</b>
Ordering party	<b>BEJOT, Brodnica Manieczki near Poznań</b>
Order No	<b>A-609-BMK/2009</b>

# 1. DETERMINATION OF DIMENSIONS

Type of determination according to PN-EN 13761, PN-EN 1335-1	Dimension	Determination result
Seat height	466 mm	Conforming to standard
Seat depth	440 mm	Conforming to standard
Seat width	456 mm	Conforming to standard
Distance between armrests	555 mm	Conforming to standard

# 2. SAFETY TEST:

Specification acc. PN-EN 13761:2004	Type of test	Test parameters	Test result
5.1.1	corners and edges, slamming, pinching and clipping	conforming to standard	positive
5.1.2	Adjustment equipment	conforming to standard	positive
5.1.3	Connections	conforming to standard	positive
5.1.4	Protection against dirt	conforming to standard	positive
5.2.1	Stability of swivel chair	acc. 5.1 PN-EN 1335-3	positive
		acc. 5.2 PN-EN 1335-3	positive
		acc. 5.3.2 PN-EN 1335-3	positive
		acc. 5.4.3 PN-EN 1335-3	
5.4	Strength and durability	conform to standard	positive (report No 2/609)
6	User's manual	conform to standard	positive

Performed by:  
M. Rogoziński, MSc Eng, M. Silny, MSc Eng

Date  
May 2009

Signature  
*[Illegible signature]*

## REPORT NO 2/609 DETERMINATIONS OF STRENGTH AND DURABILITY OF THE OFFICE GUEST CHAIR

according to	PN-EN 13761:2004
Furniture name	<b>IN ACCESS 210 chair</b>
Ordering party	<b>BEJOT, Brodnica Manieczki near Poznań</b>
Order No	<b>A-609-BMK/2009</b>

Type of test acc. Table No 1 PN-EN 13761	Test parameters	Test results
Seat and backrest static load test - seat - backrest	P=1600 N n=10 P=560 N n =10	No damage No damage
Seat front edge static load test	P=1300 N n=10	No damage
Additional static load test of reclining and partly titling chairs -	- seat P=1600 N n=10 - backrest P=560 N n =10	No damage No damage
Foot bar and footrest static load test	Not applicable	
Armrest outside static load test	P=400 N n=10	No damage
Armrest downward static load test	P=700 N n=10	No damage
Fatigue test of seat and backrest of chairs without reclining and titling mechanisms	- seat P=1000N n=100 000 - backrest P=300 N 100 000	No damage No damage
Fatigue tests of seat and backrest of reclining and titling chairs (horizontal position)	- seat P=1000N n=50000 - backrest P=300 N n=50000	No damage No damage
Additional fatigue tests of seat and backrest of reclining and titling chairs (unfolded position)	- seat P=1000N n=50000 - backrest P=300 N n=50000	No damage No damage
Front seat edge fatigue test	P=1000 N n=50 000	No damage
Armrest fatigue test	P=400 N n=30 000	No damage
Front leg static load test	P=500 N n=10	No damage
Side leg static load test	P=400 N n=10	No damage
Seat impact test	h=180 mm n=10	No damage

Performed by:  
M. Rogoziński, MSc Eng, M. Silny, MSc Eng

Date  
May 2009

Signature  
[Illegible signature]