

## TEST CERTIFICATE No 15c/15/S

### 1. Subject and scope of tests:

Conducting resistance tests of furniture for seating

### 2. Order number: RDM 15/A/15/S

### 3. Customer's name and address:

BEJOT Sp. z o.o.  
63-112 Brodnica near Poznań  
Manieczki, ul. Wybickiego 2a

### 4. Name and symbol of the tested product / products:

In Access AC 220 chair:

### 5. Date of tests: 12 February 2015 – 27 February 2015

### 6. Identification of product / products covered by the tests:

Technical description and product design drawing

### 7. List of standards according to which tests were conducted:

- PN-EN 1728:2012
- PN-EN 16139:2013\_07
- PN-EN 1022:2007

### 8. Test results:

The results of strength and durability tests together with the evaluation of test results are given in the following cards from 1-15c/15/S to 2-15c/15/S to test certificate No 15c/15/S.

The test results presented in the certificate relate to the examined samples exclusively. The test certificate may not be duplicated in part or in whole.

### 9. Evaluation of test results:

The aforesaid products are consistent with the requirements of the standards.

Head of the Furniture Testing Laboratory

*[Illegible signature]*

Karol Łabęda MSc Eng.

Quality Manager of the Furniture Testing Laboratory

*[Illegible signature]*

Robert Kłos, PhD Eng.

*[Stamp: "Poznań University of Life Sciences, Faculty of Wood Technology, Department of Furniture Design, Furniture Testing Laboratory, ul. Wojska Polskiego 38/42, 60-527 Poznań, tel./fax 061-848-74-75, tel. 061-848-74-79"]*

Poznań, 27 February 2015

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**Card No 1 – 15c/15/S**  
**Strength test. Furniture for seating**

**Name and symbol of furniture type:** In Access AC 220 chair  
**Weight of furniture in N** 115  
**Dimensions of furniture in mm:** height – 880  
width – 580  
depth – 650

**Method: PN-EN 1728:2012**

**Requirements: PN-EN 16139-2013\_07– level 1**

| Standard point | Type of test   | Test parameters  | Test result |
|----------------|--|--|-------------|
| 6.4            | Seat and backrest static load test                     | Vertical force on seat 1600 N, 10 cycles<br>Force perpendicular to backrest 560 N<br>10 cycles | Positive    |
| 6.5            | Front seat edge static load test                       | Vertical force on backrest 1300 N<br>10 cycles   | Positive    |
| 6.6            | Backrest static load test with downward vertical force | Vertical force 600 N<br>10 cycles  | Positive    |
| 6.10           | Armrest outward static load test                       | Horizontal force 400 N<br>10 cycles  | Positive    |
| 6.11           | Armrest downward static load test                      | Horizontal force 750 N<br>10 cycles  | Positive    |
| 6.15           | Front leg static load test                             | Horizontal force 500 N<br>Vertical load 1000 N<br>10 cycles                                    | Positive    |
| 6.16           | Side leg static load test                              | Horizontal force 400 N<br>Vertical load 1000 N<br>10 cycles                                    | Positive    |
| 6.17           | Seat and backrest fatigue test                         | Vertical force on seat 1000 N<br>Force perpendicular to backrest 300 N<br>100,000 cycles       | Positive    |
| 6.18           | Front seat edge fatigue test                           | Vertical force on seat 800 N<br>50,000 cycles  | Positive    |
| 6.20           | Armrest fatigue test                                   | Force at 10°<br>Force 400 N<br>30,000 cycles   | Positive    |
| 6.24           | Seat impact test                                       | Drop height 240 mm<br>10 cycles  | Positive    |
| 6.25           | Backrest impact test                                   | Drop height 210 mm<br>10 cycles  | Positive    |

Tests carried out by:

Karol Łabęda, MSc Eng. *[Illegible signature]*  
Robert Kłos, PhD Eng. *[Illegible signature]*

**Card No 2 – 15c/15/S**  
**Stability test. Furniture for seating**

**Name and symbol of furniture type:** In Access AC 220 chair  
**Height of seat in mm** 450

**Method and requirements: PN-EN 1022:2007**

| <b>Standard point</b> | <b>Type of test</b>  | <b>Test parameters</b>   | <b>Test result</b> |
|-----------------------|--|--|--------------------|
| 6.2                   | Forward overbalancing, all furniture for seating                   | Vertical force 600 N<br>Horizontal force 20 N<br>5 sec         | Positive           |
| 6.5                   | Sideward overbalancing, all furniture for seating without armrests | Vertical force 250 N + 350 N<br>Horizontal force 20 N<br>5 sec | Positive           |
| 6.6                   | Backward overbalancing, all furniture for seating with armrests    | Vertical force 600 N<br>Horizontal force 157 N<br>5 sec        | Positive           |

Tests carried out by:

Karol Łabęda, MSc Eng. *[Illegible signature]*

Robert Kłos, PhD Eng. *[Illegible signature]*

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