

Date received: 16/10/15
Date of issue: 04/11/15
Report consists of 10 test reports.
Defects before testing: None
Sample name: CLARKE

SAMPLE N° 203108

Overall dimensions: 540 x 505 x 750 (h) mm

List performed tests:

1. Safety requirements EN 16139:2013+AC:2013
2. Seat and back static load test EN 1728:2012+AC:2013
3. Vertical load on back rest EN 1728:2012+AC:2013
4. Seat and back fatigue test EN 1728:2012+AC:2013
5. Seat front edge durability test EN 1728:2012+AC:2013
6. Leg forward static load test EN 1728:2012+AC:2013
7. Leg sideways static load test EN 1728:2012+AC:2013
8. Seat impact test EN 1728:2012+AC:2013
9. Back impact test EN 1728:2012+AC:2013
10. Stability - EN 1022:2005



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Managing Director
Dr. Andrea Giavon

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SAMPLE N° 203108

Date of issue: 04/11/15
Sample weight: Not determined
Sample name: CLARKE



Side view



Rear view

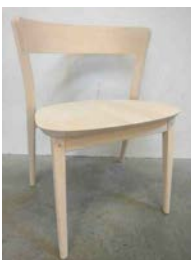


Bottom view

TEST REPORT

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Date received: 16/10/15
Date of test: 21/10/15
Date of issue: 04/11/15
Sample name: CLARKE



Safety requirements EN 16139:2013+AC:2013

Safety requirements clause 4

Statement checked	Remarks
Corner and edges in contact with the users: • Absence of sharp edges and corners	Yes
Edges on the handles: • Absence of sharp edges and corners in the direction of the force	Handles not present
Other edges: • Absence of sharp edges and corners	Yes
Accessible hollow components: • The ends of hollow components are closed or capped	Yes
Movable and adjustable parts: • It shall not be possible for any movable and adjustable part of the chair to come operate unintentionally.	Movable and adjustable parts not present
Connections between parts of the structure: • It shall not be possible for any load bearing part of the seating to come loose unintentionally	No
Parts which are lubricated: • All the parts which are lubricated shall be designed to protect users	Lubricated parts not present
Shear and squeeze points between movable parts $\geq 7 \text{ mm} \leq 18 \text{ mm}$: • Shear and squeeze points under influence of powered mechanism • Shear and squeeze points during normal use and during normal movements and actions	Mechanism not present No
Conformity to clauses 4.1 and 4.2 of standard EN 16139:2013:	YES

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TEST REPORT

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Date received: 16/10/15
Date of test: 21/10/15
Date of issue: 04/11/15
Sample name: CLARKE



Seat and back static load test EN 1728:2012+AC:2013

Seat and back static load test, clause 6.4

Test results:

Seat load N	Back force N	Number of cycles	Remarks
1.600	510	10	No defects

Note:

According to EN 1728:2012, back force has been reduced from 560 N to 510 N to avoid tipping.

Seat front edge static load, clause 6.5

Seat load N	Number of cycles	Remarks
1.300	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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TEST REPORT

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Date received: 16/10/15
Date of test: 22/10/15
Date of issue: 04/11/15
Sample name: CLARKE



Vertical load on back rest EN 1728:2012+AC:2013

Vertical static load on back rest clause 6.6

Test results:

Seat load N	Downwards force N	Number of applications	Remarks
1.300	600	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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TEST REPORT

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Date received: 16/10/15
Date of test: 22/10/15
Date of issue: 04/11/15
Sample name: CLARKE



Seat and back fatigue test EN 1728:2012+AC:2013

Seat and back fatigue test, clause 6.17

Test results:

Seat force N	Back force N	Number of cycles	Remarks
1.000	300	100.000	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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TEST REPORT**203108 / 5**Date received: 16/10/15
Date of test: 30/10/15
Date of issue: 04/11/15
Sample name: CLARKE**Seat front edge durability test EN 1728:2012+AC:2013**

Seat front edge durability test clause 6.18

Test results:

Points of application	Seat force N	Number of cycles	Remarks
100 mm back from the front edge	800	50.000	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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TEST REPORT

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Date received: 16/10/15
Date of test: 03/11/15
Date of issue: 04/11/15
Sample name: CLARKE



Leg forward static load test EN 1728:2012+AC:2013

Leg forward static load test clause 6.15

Test results:

Forward horizontal force N	Balancing seat force N	Number of cycles	Remarks
500	1.000	10	No defects

Note:

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TEST REPORT

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Date received: 16/10/15
Date of test: 03/11/15
Date of issue: 04/11/15
Sample name: CLARKE



Leg sideways static load test EN 1728:2012+AC:2013

Leg sideways static load test clause 6.16

Test results:

Sideways horizontal force N	Balancing seat force N	Number of cycles	Remarks
400	1.000	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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TEST REPORT

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Date received: 16/10/15
Date of test: 03/11/15
Date of issue: 04/11/15
Sample name: CLARKE



Seat impact test EN 1728:2012+AC:2013

Seat impact test clause 6.24

Test results:

Mass of impactor kg	Height of drop mm	Number of drops	Remarks
25	240	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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TEST REPORT

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Date received: 16/10/15
 Date of test: 03/11/15
 Date of issue: 04/11/15
 Sample name: CLARKE



Back impact test EN 1728:2012+AC:2013

Back impact test clause 6.25

Test results:

Angle °	Mass of impactor kg	Number of cycles	Remarks
38	6,5	10	No defects

Note:

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TEST REPORT**203108 / 10**Date received: 16/10/15
Date of test: 04/11/15
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Sample name: CLARKE**Stability - EN 1022:2005**

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 164 N

Forwards overturning

Horizontal force : 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : 164 N does not overturn

Tilting chair in the rearmost position

Loading discs on the seat : /

Sideways overturning for chairs with arms

Horizontal force : /

Sideways overturning for chairs without arms

Horizontal force : 20 N does not overturn

Forwards overturning for chairs with footrest

Horizontal force : /

Test passed

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