

# Declaration of conformity

n° 11311 / 2014

According to the results of the following tests:

EN 1335-1 test report n°180504-1/2014  
EN 1335-2 test report n°180504-2/2014  
EN 1335-2 test report n°180504-3/2014  
EN 1335-3 test report n°180504-4/2014  
EN 1335-3 test report n°180504-5/2014  
EN 1335-3 test report n°180504-6/2014  
EN 1335-3 test report n°180504-7/2014

we hereby testify that



FLASH swivel chair

of company

CERANTOLA S.P.A. - VIA GIORGIONE 2-ZONA IND.LE - 31037 RAMON DI LORIA (TV)

complies with the dimensional requirements of type B of EN 1335-1:2000  
and with the safety requirements of EN 1335-2:2009  
verified according to EN 1335-3:2009

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Dott. Andrea Giavon

October 31st, 2014

Sample name is declared by the company who asked for the test. This report relates to the samples submitted for the test and no others. Additions, deletions or alterations are not permitted.

Date received: 14/07/14

Date of issue: 31/10/14

Report consists of 7 test reports.

Defects before testing: None

Sample name: FLASH swivel chair

CERANTOLA S.P.A.  
VIA GIORGIONE 2-ZONA IND.LE  
31037 RAMON DI LORIA (TV)  
ITALIA

## SAMPLE N° 180504

Overall dimensions: 660 x 660 x 1120 (h) mm

### List performed tests:

1. Office work chair: dimensions EN 1335-1:2000 AC:2002
2. General design requirements EN 1335-2:2009, clause 4.1
3. Information for use EN 1335-2:2009, clause 5
4. Seat and back static load test 1335-3:2009 AC:2009, clause 7.2.1-7.2.2
5. Seat and back durability - EN 1335-3:2009 AC:2009 - Clause 7.3.1
6. Stability EN 1335-3:2009 AC:2009, clause 7.1
7. Rolling resistance of unloaded chair EN 1335-3:2009 AC:2009, clause 7.4



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Managing Director  
Dr. Andrea Giavon  


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centro ricerche-sviluppo e laboratori prove  
settori legno-arredo, ambiente e alimenti

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## SAMPLE N° 180504

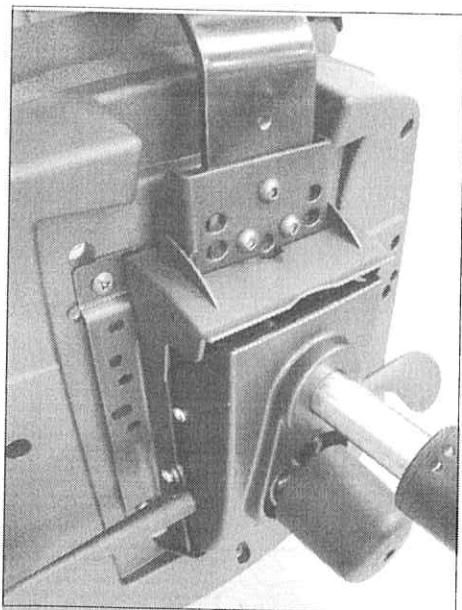
Date of issue: 31/10/14  
Sample weight: Not determined  
Sample name: FLASH swivel chair



Side view



Rear view



Bottom view

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**TEST REPORT**  
**180504 / 1**

Date received: 14/07/14  
Date of test: 23/07/14  
Date of issue: 31/10/14



Sample name: FLASH swivel chair

CERANTOLA S.P.A.  
VIA GIORGIONE 2-ZONA IND.LE  
31037 RAMON DI LORIA (TV)  
ITALIA

**Office work chair: dimensions EN 1335-1:2000 AC:2002**

**1. General features**

**1.1 Seat**

depht: - adjustable with  
horizontal movement  
x fixed

inclination: - fixed  
x adjustable

**1.2 Backrest**

heigth: - fixed  
x adjustable  
- adjustable lumbar support

inclination: - fixed  
x adjustable

**1.3 Seat and back synchronized**

Yes

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*Managing Director*  
*Dr. Andrea Giavon*

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TEST REPORT **180504 / 1**  
Date of issue: **31/10/14**  
Sample name: **FLASH swivel chair**

**Type of chair: B**

**Test Results:**

All linear dimensions are in mm

symbol	Parameter	requirement	measured	conformity
<b>SEAT</b>				
a	seat height	420 to 510	419,1 ± 0,7* to 537	yes
	adjustment range	100 min	117,9	yes
b	seat depth - non adjustable	380 ÷ 440	430	yes
	seat depth - adjustable	400 to 420	/	/
c	adjustment range	50 min	/	/
	depth of seat surface	380 min	460	yes
d	seat width	400 min	475	yes
e	inclination of seat surface - non adjustable	-2° ÷ - 7°	/	/
	inclination of seat surface - adjustable	-2° to - 7°	2° to - 12°	yes
<b>BACK REST</b>				
f	height of the back supporting point "S" non adjust.	170 ÷ 220	/	/
	height of the back supporting point "S" adjust.	170 to 220	166,2 ± 0,7* to 224,3 ± 0,7*	yes
g	adjustment range	50 min	58,1	yes
	height of the back pad - adjustable in height	220 min	480	yes
h	height of the back pad - non adjustable in height	260 min	/	/
	height of the upper edge of the back rest	360 min	487	yes
i	back rest width	360 min	408	yes
k	horizontal radius of the back rest	400 min	> 400	yes
l	back rest inclination (adjustment range)	15° min	20	yes
<b>ARM REST</b>				
n	length of arm rest	200 min	/	/
o	width of arm rest	40 min	/	/
p	height of armrest - adjustable	200 to 250	/	/
	height of armrest - non adjustable	200 ÷ 250	/	/
q	distance from the front of the arm rest to the front edge of the seat	100 min	/	/
r	clear width between the arm rests	460 ÷ 510	/	/
<b>UNDERFRAME</b>				
s	maximum offset of the underframe	415 max	370	yes
t	stability dimension	195 min	244	yes

\*The result is the average of 3 measures

Unless otherwise specified, measurement uncertainties expanded to a confidence level of about 95% are ±5 mm for linear measures, ±2° for angles, ±10mm for the height of the back supporting point "S".

The measurement uncertainties stated in this document have been determined according to UNI CEI ENV 13005:2000. They were estimated as expanded uncertainty obtained multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally k=2.

NOTE: the back supporting point has been determined setting the back rest in its most upright position because the method described in EN 1335-1:2000 clause 3.6 is not applicable.

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Managing Director  
Dr. Andrea Giavon

**TEST REPORT**  
**180504 / 2**

Date received: 14/07/14  
Date of test: 05/08/14  
Date of issue: 31/10/14



Sample name: FLASH swivel chair

CERANTOLA S.P.A.  
VIA GIORGIONE 2-ZONA IND.LE  
31037 RAMON DI LORIA (TV)  
ITALIA

**General design requirements EN 1335-2:2009, clause 4.1**

Requirements	Remarks
a) Parts in contact by user: Distance of accessible movable parts shall be either $\leq 8$ mm e $\geq 25$ mm in any position during movement.	Yes
b) Corners and edges in contact by user: Minimum radius of corners and edges: 2 mm	Yes
c) Edges of handles: Minimum radius of handle edges: 2 mm	Yes
d) All other edges: Rounded or chamfered:	Yes
e) Ends of hollow components: Closed or capped	Yes
f) It shall be possible to operate the adjusting devices from sitting position in the chair:	Yes
g) It shall not be possible for any load bearing part to come loose unintentionally:	Yes
h) Lubricated parts: All parts wich are lubricated shall be protected	Yes

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*Managing Director*  
*Dr. Andrea Giavon*

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TEST REPORT  
180504 / 3

Date received: 14/07/14  
Date of test: 27/10/14  
Date of issue: 31/10/14



Sample name: FLASH swivel chair

CERANTOLA S.P.A.  
VIA GIORGIONE 2-ZONA IND.LE  
31037 RAMON DI LORIA (TV)  
ITALIA

**Information for use EN 1335-2:2009, clause 5**

Statement checked	Remarks
Information for use in the language of the country in which the chair will be delivered to the end user.	Italian language
Information regarding the intended use.	Present
Information regarding possible adjustments and chair type	Present
Instruction for operating the adjusting mechanisms.	Present
Instruction for the care and the maintenance of the chair.	Present
Information regarding adjustment of the seat and back rest.	Present
Advice that only trained personnel may replace or repair seat height adjustment components with energy accumulators.	Present
Information on the choice of castors in relation to the floor surface.	Present

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Managing Director  
Dr. Andrea Giavon

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## TEST REPORT

### 180504 / 4

Date received: 14/07/14  
Date of test: 17/09/14  
Date of issue: 31/10/14



Sample name: FLASH swivel chair

CERANTOLA S.P.A.  
VIA GIORGIONE 2-ZONA IND.LE  
31037 RAMON DI LORIA (TV)  
ITALIA

## Seat and back static load test 1335-3:2009 AC:2009, clause 7.2.1-7.2.2

### Seat front edge static load, clause 7.2.1

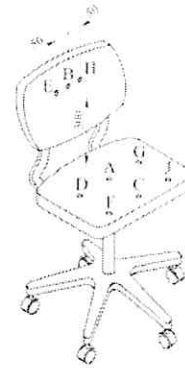
Seat height: highest position  
Seat depth: foremost position

#### Test results:

Seat load N	Number of cycles	Back rest inclination mechanism	Remarks
1.600	10	F	No defects

### Seat and back static load test, clause 7.2.2

Seat height: highest position  
Seat inclination: horizontal  
Back rest in height: highest position  
Back rest in depth: rearmost position  
Position of castors: perpendicular to the base arms  
Tension of mechanism spring: medium



#### Test results:

Seat load N	Back force N	Number of cycles	Loading point	Back rest inclination mechanism	Remarks
1.600	560	5	A - B	Blocked	No defects
1.600	560	5	A - B	Unlocked	No defects

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*Managing Director*  
*Dr. Andrea Giavon*

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TEST REPORT  
180504 / 5

Date received: 14/07/14  
Date of test: 17/09/14  
Date of issue: 31/10/14



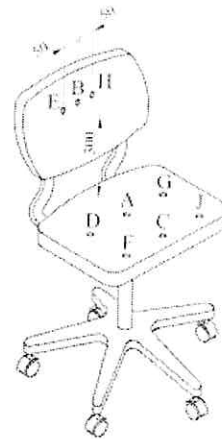
CERANTOLA S.P.A.  
VIA GIORGIONE 2-ZONA IND.LE  
31037 RAMON DI LORIA (TV)  
ITALIA

Sample name: FLASH swivel chair

**Seat and back durability - EN 1335-3:2009 AC:2009 - Clause 7.3.1**

Seat and back durability clause 7.3.1

Seat height: highest position  
Seat inclination: horizontal  
Back rest in height: highest position  
Back rest in depth: rearmost position  
Position of castors: perpendicular to the base arms  
Tension of mechanism spring: medium



Test results:

Number of cycles	Loading point	Force N	Back rest inclination mechanism	Remarks
120.000	A	1.500	Locked	No defects
40.000	C B	1200 320	Locked	No defects
40.000	C B	1200 320	Unlocked	No defects
20.000	J E	1200 320	Unlocked	No defects
20.000	F H	1200 320	Unlocked	No defects
20.000	D G	1100 1100	Unlocked	No defects

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*Managing Director  
Dr. Andrea Giovan*

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**TEST REPORT**

**180504 / 6**

Date received: 14/07/14  
Date of test: 10/10/14  
Date of issue: 31/10/14



Sample name: FLASH swivel chair

GERANTOLA S.P.A.  
VIA GIORGIONE 2-ZONA IND.LE  
31037 RAMON DI LORIA (TV)  
ITALIA

**Stability EN 1335-3:2009 AC:2009, clause 7.1**

Chairs with back rest inclination: no overturning with 13 discs of 10 Kg.

Positioning of chair components: as specified in Table 1 of EN 1335-3

Forwards overturning

Horizontal force : 20 N does not overturn

Front edge overturning

Horizontal force : 27 kg does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : /

Chair with back rest inclination

Loading discs on the seat : 13 does not overturn

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 : /

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*Managing Director  
Dr. Andrea Giovan*

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## TEST REPORT

### 180504 / 7

Date received: 14/07/14  
Date of test: 10/10/14  
Date of issue: 31/10/14



Sample name: FLASH swivel chair

CERANTOLA S.P.A.  
VIA GIORGIONE 2-ZONA IND.LE  
31037 RAMON DI LORIA (TV)  
ITALIA

## Rolling resistance of unloaded chair EN 1335-3:2009 AC:2009, clause 7.4

Rolling resistance of unloaded chair, clause 7.4

Type of castors: H  
Test surface: steel floor  
Test speed: 50 mm/s  
Seat height: lowest position

Test results:

Measured resistance of castors N	Minimum allowed resistance N	Remarks
15	12	No defects

Unless otherwise specified, measurement uncertainty expanded to a confidence level of about 95% are  $\pm 2,0$  N.

The measurement uncertainties stated in this document have been determined according to UNI CEI ENV 13005:2000. They were estimated as expanded uncertainty obtained multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally k=2.

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*Measuring Director*  
*Dr. Andrea Giavon*

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Cap. Soc. € 120.000,00 i.v. - E-mail: info@cerantola.com  
Web site: www.cerantola.com

## **ISTRUZIONI D'USO SEDIA FLASH**

Poltrona operativa per ufficio girevole per postazione con videoterminale. La poltrona prevede la regolazione in altezza di sedile e schienale, la regolazione dell'inclinazione dello schienale con leva e bloccaggio a posizione desiderata oppure sbloccato a contatto permanente. La poltrona prevede la regolazione della profondità del sedile tramite bloccaggio con leva.

### **ISTRUZIONI D'USO:**

- Regolazione in altezza del sedile con pistone a gas, tirando verso l'alto la leva del meccanismo synchro.
- Sbloccaggio della regolazione in altezza dello schienale spingendo verso l'alto
- Per riportare lo schienale nella posizione più bassa, spingerlo fino alla massima altezza e quindi verso il basso
- Per regolare la profondità del sedile tirare verso l'alto l'apposita leva.

### **INFORMAZIONI GENERALI:**

- Se la poltrona è prevista per uso a videoterminale gli angoli tra piede e polpaccio, polpaccio e coscia, coscia e schiena, avambraccio e spalla devono essere di circa 90°.
- Per l'utilizzo della sedia su pavimenti in linoleum o ricoperti da moquette o tappeti si consiglia l'uso di ruote rigide; per pavimenti in pietra dura, legno o piastrelle si consiglia l'uso di ruote morbide.

### **CONSIGLI DI MANUTENZIONE:**

- Le parti rivestite in tessuto vanno pulite con una spazzola o un detergente delicato.
- Le parti rivestite con pelle naturale o artificiale devono essere pulite con un panno umido e morbido
- Tutte le parti devono essere pulite con una spazzola o con un panno umido
- EVITARE TASSATIVAMENTE l'uso di solventi o di detersivi chimici, poiché potrebbero alterare le caratteristiche estetiche e fisiche dell'articolo.

### **CONSIGLI DI SICUREZZA:**

- Non salire in piedi sulla poltrona
- Non sedersi sulla spalliera o sui braccioli.
- Evitare il contatto con fonti di calore

- Il prodotto non è adatto ad uso esterno.
- Le sedie vanno movimentate dai braccioli
- Si consiglia di effettuare una periodica ispezione dei componenti
- Non inserire le mani nelle eventuali parti in movimento accessibili durante l'uso
- Non aprire la colonna a gas con la forza. Solo personale specializzato può sostituire o riparare la colonna a gas.

\*\*La sedia rispetta i requisiti della norma En 1335-1 tipologia A

Attestazione di Conformità al Decreto Legislativo n° 81 del 09-04-2008  
e successive integrazioni ed aggiornamenti  
**Attestazione n° 1306/2014**

Valutati i risultati ottenuti nelle prove secondo le norme:

UNI EN 1335-1 protocollo n°180503-1/2014  
UNI EN 1335-2 protocollo n°180503-2/2014  
UNI EN 1335-2 protocollo n°180503-3/2014  
UNI EN 1335-3 protocollo n°180503-4/2014  
UNI EN 1335-3 protocollo n°180503-5/2014  
UNI EN 1335-3 protocollo n°180503-6/2014  
UNI EN 1335-3 protocollo n°180503-7/2014

Constatato che il campione esaminato é dotato di sedile regolabile in altezza, di schienale regolabile in altezza ed inclinazione e risponde alla tipologia B della EN 1335-1,

attestiamo che la



**FLASH swivel chair with mesh backrest  
della ditta**

**CERANTOLA S.P.A. - VIA GIORGIONE 2-ZONA IND.LE - 31037 RAMON DI LORIA (TV)**

**rispetta i requisiti minimi al paragrafo 1 punto e) dell'allegato XXXIV  
del Decreto Legislativo n° 81 del 09-04-2008**

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*Il Direttore  
dott. Andrea Giavon*

28 Novembre 2014

La denominazione del campione é quella dichiarata dalla ditta richiedente. Questa attestazione di conformità riguarda il campione sottoposto a prova e solo esso. Aggiunte, cancellazioni o alterazioni non sono ammesse.

## SAMPLE N° 180503

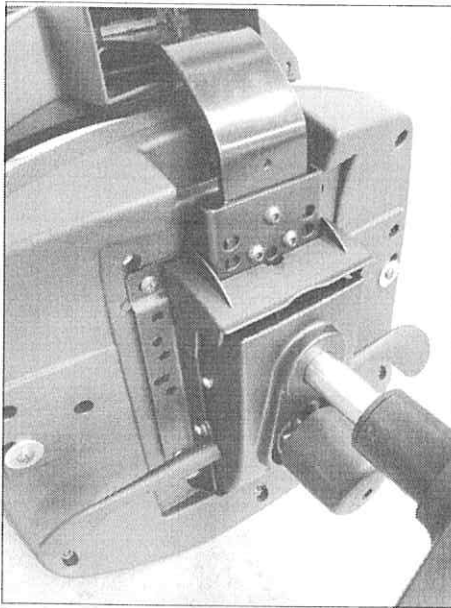
Date of issue: 28/11/14  
Sample weight: Not determined  
Sample name: FLASH swivel chair with mesh backrest



Side view



Rear view



Bottom view

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**TEST REPORT****180503 / 1**Date received: 14/07/14  
Date of test: 27/10/14  
Date of issue: 28/11/14CERANTOLA S.P.A.  
VIA GIORGIONE 2-ZONA IND.LE  
31037 RAMON DI LORIA (TV)  
ITALIA

Sample name: FLASH swivel chair with mesh backrest

**Office work chair: dimensions EN 1335-1:2000 AC:2002****1. General features****1.1 Seat**depth: - adjustable with  
horizontal movement  
x fixedinclination: - fixed  
x adjustable**1.2 Backrest**height: - fixed  
x adjustable  
- adjustable lumbar supportinclination: - fixed  
x adjustable**1.3 Seat and back synchronized**

Yes

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Managing Director  
Dr. Andrea Giavon

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**TEST REPORT**

**180503 / 1**

Date of issue:

28/11/14

Sample name:

FLASH swivel chair with mesh backrest

**Type of chair: B**

**Test Results:**

All linear dimensions are in mm

symbol	Parameter	requirement	measured	conformity
<b>SEAT</b>				
a	seat height	420 to 510	410 to 530	yes
	adjustment range	100 min	120	yes
b	seat depth - non adjustable	380 ÷ 440	412	yes
	seat depth - adjustable	400 to 420	/	yes
	adjustment range	50 min	/	yes
c	depth of seat surface	380 min	448	yes
d	seat width	400 min	461	yes
e	inclination of seat surface - non adjustable	-2° ÷ - 7°	/	yes
	inclination of seat surface - adjustable	-2° to - 7°	2 to -11	yes
<b>BACK REST</b>				
f	height of the back supporting point "S" non adjust.	170 ÷ 220	/	yes
	height of the back supporting point "S" adjust.	170 to 220	168,1 - 0,8* to 226,4- 0,8*	yes
	adjustment range	50 min	58,3	yes
g	height of the back pad - adjustable in height	220 min	551	yes
	height of the back pad - non adjustable in height	260 min	/	yes
h	height of the upper edge of the back rest	360 min	594	yes
i	back rest width	360 min	422	yes
k	horizontal radius of the back rest	400 min	> 400	yes
l	back rest inclination (adjustment range)	15° min	21	yes
<b>ARM REST</b>				
n	length of arm rest	200 min	/	yes
o	width of arm rest	40 min	/	yes
p	height of armrest - adjustable	200 to 250	/	yes
	height of armrest - non adjustable	200 ÷ 250	/	yes
q	distance from the front of the arm rest to the front edge of the seat	100 min	/	yes
r	clear width between the arm rests	460 ÷ 510	/	yes
<b>UNDERFRAME</b>				
s	maximum offset of the underframe	415 max	369	yes
t	stability dimension	195 min	243	yes

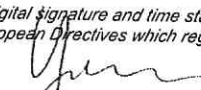
\*The result is the average of 3 measures

Unless otherwise specified, measurement uncertainties expanded to a confidence level of about 95% are ±5 mm for linear measures, ±2° for angles, ±10mm for the height of the back supporting point "S".

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NOTE: the back supporting point has been determined setting the back rest in its most upright position because the method described in EN 1335-1:2000 clause 3.6 is not applicable.

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Managing Director  
Dr. Andrea Giavon

## TEST REPORT 180503 / 2

Date received: 14/07/14  
Date of test: 27/10/14  
Date of issue: 28/11/14



GERANTOLA S.P.A.  
VIA GIORGIONE 2-ZONA IND.LE  
31037 RAMON DI LORIA (TV)  
ITALIA

Sample name: FLASH swivel chair with mesh backrest

### General design requirements EN 1335-2:2009, clause 4.1

Requirements	Remarks
a) Parts in contact by user: Distance of accessible movable parts shall be either $\leq 8$ mm e $\geq 25$ mm in any position during movement.	Yes
b) Corners and edges in contact by user: Minimum radius of corners and edges: 2 mm	Yes
c) Edges of handles: Minimum radius of handle edges: 2 mm	Yes
d) All other edges: Rounded or chamfered:	Yes
e) Ends of hollow components: Closed or capped	Yes
f) It shall be possible to operate the adjusting devices from sitting position in the chair:	Yes
g) It shall not be possible for any load bearing part to come loose unintentionally:	Yes
h) Lubricated parts: All parts wich are lubricated shall be protected	Yes

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*Managing Director  
Dr. Andrea Cigaron*

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## TEST REPORT

### 180503 / 3

Date received: 14/07/14  
Date of test: 27/10/14  
Date of issue: 28/11/14



Sample name: FLASH swivel chair with mesh backrest

CERANTOLA S.P.A.  
VIA GIORGIONE 2-ZONA IND.LE  
31037 RAMON DI LORIA (TV)  
ITALIA

## Information for use EN 1335-2:2009, clause 5

Statement checked	Remarks
Information for use in the language of the country in which the chair will be delivered to the end user.	Italian language
Information regarding the intended use.	Present
Information regarding possible adjustments and chair type	Present
Instruction for operating the adjusting mechanisms.	Present
Instruction for the care and the maintenance of the chair.	Present
Information regarding adjustment of the seat and back rest.	Present
Advice that only trained personnel may replace or repair seat height adjustment components with energy accumulators.	Present
Information on the choice of castors in relation to the floor surface.	Present

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*Managing Director*  
*Dr. Andrea Giavon*

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**TEST REPORT**  
**180503 / 4**

Date received: 14/07/14  
Date of test: 30/10/14  
Date of issue: 28/11/14



CERANTOLA S.P.A.  
VIA GIORGIONE 2-ZONA IND.LE  
31037 RAMON DI LORIA (TV)  
ITALIA

Sample name: FLASH swivel chair with mesh backrest

**Seat and back static load test 1335-3:2009 AC:2009, clause 7.2.1-7.2.2**

**Seat front edge static load, clause 7.2.1**

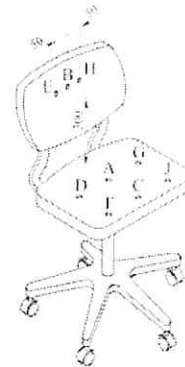
Seat height: highest position  
Seat depth: foremost position

Test results:

Seat load N	Number of cycles	Back rest inclination mechanism	Remarks
1.600	10	F	No defects

**Seat and back static load test, clause 7.2.2**

Seat height: highest position  
Seat inclination: horizontal  
Back rest in height: highest position  
Back rest in depth: rearmost position  
Position of castors: perpendicular to the base arms  
Tension of mechanism spring: medium

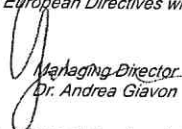


Test results:

Seat load N	Back force N	Number of cycles	Loading point	Back rest inclination mechanism	Remarks
1.600	530	5	A - B	Blocked	No defects
1.600	530	5	A - B	Unlocked	No defects

Note: according to EN 1335-3:2009 back force has been reduced from 560 N to 530 N to avoid tipping.

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**TEST REPORT**  
**180503 / 5**

Date received: 14/07/14  
Date of test: 30/10/14  
Date of issue: 28/11/14



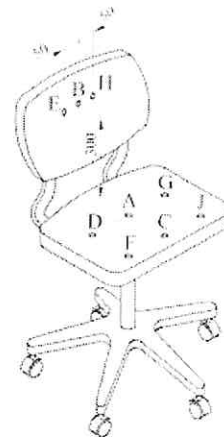
**CERANTOLA S.P.A.**  
VIA GIORGIONE 2-ZONA IND.LE  
31037 RAMON DI LORIA (TV)  
ITALIA

Sample name: FLASH swivel chair with mesh backrest

**Seat and back durability - EN 1335-3:2009 AC:2009 - Clause 7.3.1**

Seat and back durability clause 7.3.1

Seat height: highest position  
Seat inclination: horizontal  
Back rest in height: highest position  
Back rest in depth: rearmost position  
Position of castors: perpendicular to the base arms  
Tension of mechanism spring: medium



Test results:

Number of cycles	Loading point	Force N	Back rest inclination mechanism	Remarks
120.000	A	1.500	Locked	No defects
40.000	C B	1200 320	Locked	No defects
40.000	C B	1200 320	Unlocked	No defects
20.000	J E	1200 320	Unlocked	No defects
20.000	F H	1200 320	Unlocked	No defects
20.000	D G	1100 1100	Unlocked	No defects

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*Dr. Andrea Giavon*

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**TEST REPORT**  
**180503 / 6**

Date received: 14/07/14  
 Date of test: 28/11/14  
 Date of issue: 28/11/14



CERANTOLA S.P.A.  
 VIA GIORGIONE 2-ZONA IND.LE  
 31037 RAMON DI LORIA (TV)  
 ITALIA

Sample name: FLASH swivel chair with mesh backrest

**Stability EN 1335-3:2009 AC:2009, clause 7.1**

Chairs with back rest inclination: no overturning with 13 discs of 10 Kg.

Positioning of chair components: as specified in Table 1 of EN 1335-3

Forwards overturning

Horizontal force : 20 N does not overturn

Front edge overturning

Horizontal force : 27 kg does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : /

Chair with back rest inclination

Loading discs on the seat : 13 does not overturn

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 : /

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Managing Director  
 Dr. Andrea Giavon

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**TEST REPORT**  
**180503 / 7**

Date received: 14/07/14  
Date of test: 28/11/14  
Date of issue: 28/11/14



CERANTOLA S.P.A.  
VIA GIORGIONE 2-ZONA IND.LE  
31037 RAMON DI LORIA (TV)  
ITALIA

Sample name: FLASH swivel chair with mesh backrest

**Rolling resistance of unloaded chair EN 1335-3:2009 AC:2009, clause 7.4**

Rolling resistance of unloaded chair, clause 7.4

Type of castors: H  
Test surface: steel floor  
Test speed: 50 mm/s  
Seat height: lowest position

Test results:

Measured resistance of castors N	Minimum allowed resistance N	Remarks
13,5 ± 0,8 *	12	No defects

\*The result is the average of 3 measures

Unless otherwise specified, measurement uncertainty expanded to a confidence level of about 95% are ±2,0 N.

The measurement uncertainties stated in this document have been determined according to UNI CEI ENV 13005:2000. They were estimated as expanded uncertainty obtained multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally k=2.

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Dr. Andrea Glavon

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## **ISTRUZIONI D'USO SEDIA FLASH MESH**

Poltrona operativa per ufficio girevole per postazione con videoterminale. La poltrona prevede la regolazione in altezza di sedile e schienale, la regolazione dell'inclinazione dello schienale con manopola e bloccaggio a posizione desiderata oppure sbloccato a contatto permanente.

### **ISTRUZIONI D'USO:**

- Regolazione in altezza del sedile con pistone a gas, tirando verso l'alto la leva del contatto permanente
- Sbloccaggio della regolazione in altezza dello schienale spingendo verso l'alto
- Per riportare lo schienale nella posizione più bassa, spingerlo fino alla massima altezza e quindi verso il basso

### **INFORMAZIONI GENERALI:**

- Se la poltrona è prevista per uso a videoterminale gli angoli tra piede e polpaccio, polpaccio e coscia, coscia e schiena, avambraccio e spalla devono essere di circa 90°.
- Per l'utilizzo della sedia su pavimenti in linoleum o ricoperti da moquette o tappeti si consiglia l'uso di ruote rigide; per pavimenti in pietra dura, legno o piastrelle si consiglia l'uso di ruote morbide.

### **CONSIGLI DI MANUTENZIONE:**

- Le parti rivestite in tessuto vanno pulite con una spazzola o un detergente delicato.
- Le parti rivestite con pelle naturale o artificiale devono essere pulite con un panno umido e morbido
- Tutte le parti devono essere pulite con una spazzola o con un panno umido
- EVITARE TASSATIVAMENTE l'uso di solventi o di detergenti chimici, poiché potrebbero alterare le caratteristiche estetiche e fisiche dell'articolo.

### **CONSIGLI DI SICUREZZA:**

- Non salire in piedi sulla poltrona
- Non sedersi sulla spalliera o sui braccioli.
- Evitare il contatto con fonti di calore
- Il prodotto non è adatto ad uso esterno.
- Le sedie vanno movimentate dai braccioli



- Si consiglia di effettuare una periodica ispezione dei componenti
- Non inserire le mani nelle eventuali parti in movimento accessibili durante l'uso
- Non aprire la colonna a gas con la forza. Solo personale specializzato può sostituire o riparare la colonna a gas.

\*\*La sedia rispetta i requisiti della norma En 1335-1 tipologia B