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TESTED® DEVICE

BMA Ergonomics B.V. Axia Flex cleanroom Report No. BM 1106-559

Statement of Qualification





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Customer: BMA Ergonomics B.V.

Schoenerweg 4 8042PJ Zwolle The Netherlands

Component tested:

Category: Working Place and Operator

Subcategory: Chairs

Type: Axia Flex cleanroom

Random check measurements of particle emission (airborne) at representative points

Test procedure:

Measuring instruments being used:

Test parameters of the test environment:

Test parameters of the test execution:

According to VDI 2083 Part 9.1

Optical Particle Counter

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Model LasAir II 110 manufactured by PMS with measuring channels of $\geq 0.1 \, \mu m, \geq 0.2 \, \mu m \geq 0.3 \, \mu m, \geq 0.5 \, \mu m, \geq 1.0 \, \mu m$ and $\geq 5.0 \, \mu m$

•	Cleanroom of Air Cleanliness Class:	ISO Class 1
		(according to ISO 14644-1)
•	Air flow velocity:	0.45 m/s

Air flow guidance:vertical unidirectional air flow from ceiling to floor
 Temperature:22 °C ± 0.5 °C (71.6 °F ± 0.9 °F)

Pulsating stress on the seat:	1200 N frequency 12/mir
Mechanism:	Axia Flex; chromed
Backrest:	middlehigh; fixed
Pneumatic cylinder:	40 – 55 cm
Armrest:	Axia Multi; chromed
• Version:	Cleanroom

Test results:

(according to ISO 14644-1)

The Axia Flex cleanroom chair is suitable for use in cleanrooms fulfilling the Air Cleanliness Class 3.

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The measuring equipment used for the qualification is regularly calibrated and is based on national and international standards. In the case where no national standards exist, the measuring procedure used corresponds with technical regulations and norms valid at the time of the measurement. The documents drawn up for this procedure are available for viewing.

The validity of this certificate applies only to the mentioned product in this particular condition for a duration of 5 years.

Further information: **www.tested-device.com**.

Fraunhofer Institute for Manufacturing Engineering and Automation IPA

Department Ultraclean Technology and Micromanufacturing

Nobelstrasse 12 70569 Stuttgart Germany Stuttgart, August 12, 2011

Place, Date

i.A. D. Bridge