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TESTED®
DEVICE

Score BV
Saddle CLR
Report No. SC 1407-716

Statement of
Qualification

ESD

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Statement of Qualification

Customer:

Score BV
Feithspark 5
9356 BX Tolbert
The Netherlands

Component tested

Category: Working Place and Operator

Subcategory: Chairs

Product name: Saddle CLR
(seat color: black; manufacturing date: April 17, 2014; batch number: 70663)

Electrostatic discharge measurements at representative points (surface resistivity, volume resistivity, discharge resistance)

Standards/Guidelines: DIN EN 61340-5-1; DIN EN 61340-4-1
The norms stated refer to the relevant editions applicable at the time of the tests.

Test devices:

- Data capture: ..... Tera Ohm meter Model 6206, Eltex
- Measuring probes (2): ..... ets Model 850 (2.5 kg)
- Counter electrode: ..... Stainless steel plate, ... dimensions 1000 mm x 500 mm (± 2 mm), ... thickness 1.2 ± 0.1 mm
- Insulating mounts: ..... Planar PTFE-sheet with R > 1014 Ohm, ... dimensions 1210 mm x 1200 mm (± 5 mm), ... thickness 5 mm (± 1 mm)

Test environment parameters:

- Cleanroom Air Cleanliness Class (according to ISO 14644-1): ..... ISO 1
- Airflow velocity: ..... 0.45 m/s
- Airflow pattern: ..... Vertical laminar flow
- Temperature: ..... 22 °C ± 0.5 °C
- Relative humidity: ..... 45 % ± 5 %

Test result / Classification:
(in acc. with DIN EN 61340-5-1;
DIN EN 61340-4-1)

The chair Saddle CLR fulfills the ESD requirements for EPAs (ESD-protected areas) of surface resistivity, volume resistivity and discharge resistance.

	Operating voltage [V]	Resistance [Ω]	Rating
Surface resistivity	10	1.6E+05	electrostatically discharging
Volume resistivity	10	2.7E+06	electrostatically discharging
Discharge resistance	10	1.9E+05	electrostatically discharging

The measuring devices used for the qualification tests are calibrated at regular intervals; their results can be traced back to national and international standards. In cases where no national standards exist, the test procedure implemented complies with the technical regulations and norms applicable at the time of the test. The relevant documentation can be viewed on request at any time.

For further information about the test environment and parameters, please refer to the Fraunhofer IPA test report.

Fraunhofer Institute for
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Stuttgart, September 29, 2014
Place, date of first document issued

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Place, current date

i. A.
Frank Bürger, Fraunhofer IPA

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