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(Revised)

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OFFICE CHAIR MECHANISM

1 SAMPLE

1.1 Description of sample

One chair mechanism comprising a test bases, a false seat and a layer of foam fixed to the false seat and back.

Manufacturer: Northfield Metal Products
Model: FRE-FLT-TATL EB-4 BLK 17-4
Seat slider: AUTO FRE-FLT MOUNT

1.2 Date of receipt:

18 November 2004

1.3 Condition of sample

The sample was in a suitable condition for testing purposes.

2 METHOD OF TEST

AFRDI Standard 109-D9-96 "Components for chairs", Clause 5 "Office chair mechanisms.

Unless we are specifically requested to retain samples for a longer period, or to retain them for collection by the job sponsor, samples tested will be disposed of after a period of one month, or as we may deem fit.

3 RESULTS

NATURE OF TEST	REQUIREMENTS	RESULTS
Static load	2 000 N, 10 times for 10 s per load application	Complies
	900 N, 10 times for 10 s per load application	Complies
	750 N applied on axis of rotation and 1200 N and 415 N applied to seat and back respectively for 200 000 cycles followed by 50 000 cycles to the right and 50 000 cycles to the left.	Complies
Proof load test	2400 N on the false seat	Complies
Cyclic loading of stops	415 N horizontal backward force to seat back 10 000 times.	Complies
Control levers	Apply static force of 300 N	Complies
	Apply a cyclic force of 150 N for 10 000 cycles	Complies

4 CONCLUSION

The sample of office chair mechanism, refer section 1.1, as described and tested by Test House complied to the requirements of AFRDI 109-D9-96.



**E Seeger: MANAGER
TIMBER & FURNITURE LABORATORY**



S Peach: TEST OFFICER

This report relates only to the specific sample(s) tested as identified herein. It does not imply SABS approval of the quality and/or performance of the item(s) in question and the test results do not apply to any similar item that has not been tested. (Refer also to the complete conditions printed on the back of official test reports.)

Hierdie verslag het slegs betrekking op die spesifieke monster(s) wat getoets is, soos hierin geïdentifiseer. Dit impliseer nie dat die kwaliteit en/of prestasie van die betrokke artikel(s) deur die SABS goedgekeur is nie en die toetsresultate is nie van toepassing op 'n soortgelyke artikel wat nie getoets is nie. (Sien ook die volledige voorwaardes op die rugkant van amptelike toetsverslae.)