

INTEGRITY TESTING LABORATORIES,

a division of ErgoLabs, Inc.

CLIENT:

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Attention: Paul Molina

LABORATORY NO: F0507061-1
DATE: August 9, 2005
CLIENT P.O. NO.: Verbal, P. Molina
STANDARD: ANSI/BIFMA X5.1-02

SAMPLE: ONE 4 LEG SIDE CHAIR, MODEL 1951

ABSTRACT

This report serves to document the testing of the above sample chair frame to all applicable test paragraphs of ANSI/BIFMA X5.1-2002, tests for general-purpose office chairs. Testing for complete certification was performed for this type of chair, classified by the standard's definitions as a Type III, fixed-seat, fixed-back chair. The remainder of this report will show how the chair submitted for testing **met the requirements** needed for conformance to the standard.



SIDE CHAIR, MODEL 1951

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This report applies only to the sample or samples submitted for testing and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, or these laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed, and upon that condition that it not be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these laboratories.
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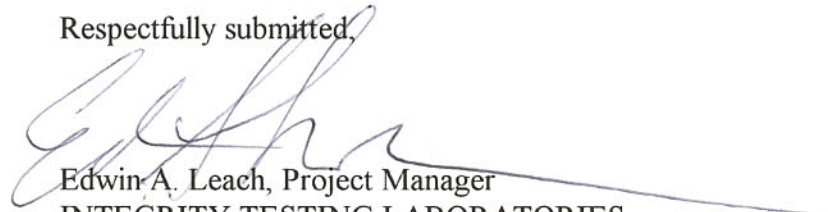
RESULTS

Test Number	Test Description	Test loads and Cycles	Observations
6	Back strength-Static-Type III	150 lb and 250 lb rearward loads applied to chair back	PASS -No failure during either load application
8	Drop test-Dynamic	225 lb and 300 lb shot filled bag dropped from 6"	PASS -No failure during either load application
11	Seating durability-Cyclic	125 lb shot filled bag dropped from 2", 100,000 cycles, alternating 165 lb loads to both front corners for 40,000 cycles	PASS -No failure or loss of serviceability after the performance of the tests
12.3	Stability test-Rear-Dynamic	173 lb test mass on seat, rearward tipping force recorded	PASS - 57 lb force exceeds 35 lb Type IIb requirement
12.4	Stability test-Forward-Dynamic	135 lb test mass 2.4" from front edge of seat, 4.5 lbf forward tipping force	PASS -sample did not tip forward
16	Back durability-Cyclic-Type III	100 lb load on restrained seat, 75 lb rearward load applied to chair back for 120,000 cycles	PASS -No failure or loss of serviceability after the performance of the test
18.3	Leg strength-front load-Static	75 lb and 125 lb front to rear loads applied to bottom of chair leg	PASS -No failure during either load application
18.4	Leg strength-side load-Static	75 lb and 115 lb inward loads applied to bottom of chair leg	PASS -No failure during either load application

CONCLUSION

During the execution of the testing program, the model 1951 side chair performed well with no structural failures or loss of serviceability. This sample submitted for testing **conforms** to all of the applicable test paragraphs of ANSI/BIFMA X5.1-2002.

Respectfully submitted,


Edwin A. Leach, Project Manager
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