No.: 70.431.19.20640.01-00

Dated: 2019-12-23

Greater China

Applicant:	LUMI LEGEND CORPORATION
Address:	22/F., Building 1, Lisi Plaza, Huifeng East Road, Ningbo, China 315100
Sample Submission:	The samples were submitted by applicant and identified.
Product Name:	ELECTRIC SIT-STAND DESK
Identification/Style No.:	M07-23D
Receipt Date of Sample:	2019-12-06
Date of Testing:	From 2019-12-09 to 2019-12-20
Test Result:	Refer to the data listed in following pages.

Test Specification(s) or Test Item(s):

1. ANSI/BIFMA X5.5-2014 Desk/Table Products – Tests American National Standard for Office and Institutional Furnishings Conclusions:

Pass

Hardline Laboratory

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch Test Center

Tested E Chen, Jiahao

Project handler

la Reviewed B

Gu, Xiaodong Designated Reviewer

Note: (1) "General Terms & Conditions" applied. For full version, please visit: <u>http://www.tuv-sud.cn/cn-scn/terms-and-conditions</u> 2) Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production. For further details, please see testing and certification regulation, chapter A-3.4. 3) The conclusion of test result was drawn according to corresponding regulation or standard method and/ or client's requirement

Laboratory: No. 1999 Du Hui Road, Minhang District Shanghai 201108 P.R. China Telephone : +86-21- 6141 0123 Telefax : +86-21- 6140 8600 http://www.tuv-sud.cn Regd. Office: TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch TÜV SÜD Group No.151 Heng Tong Road Shanghai, 200 070 P.R. China Page 1 of 6

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Description of the test subject:

1	Product Description	ELECTRIC SIT-STAND DESK	
2	Dimensions / Weight	L1500 x W750 x H638~1305 (mm) / 50.3 (kg)	
3	Category of table	Category I	
	Front view – the highest position	Front view – the lowest position	
Side view		Rear view	
/.			

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Test Results:

1. ANSI/BIFMA X5.5-2014 Desk/Table Products – Tests American National Standard for Office and Institutional Furnishings

ltem	Requirement-test item	Result, Remark	Evaluation
3	General		-
4	Stability Tests		Р
4.2	Stability with Extendible Elements Open Test		N/A
4.3	Stability Under Vertical Load Test	Table length: 1500mm Load: 57kg	Р
4.4	Horizontal Stability Test for Desk/Tables with Casters		N/A
4.5	Stability Test for Keyboard/Laptop Tables (with and without casters)		N/A
4.6	Force Stability Test for Tall Desk/Table Products	Front of the product at its left side: 10° Front of the product at its right side: 10° Back of the product at its left side: 10° Back of the product at its right side: 10°	Ρ
5	Unit Strength Tests	Table length: 1500mm Perimeter: 4500mm	Р
5.2	Concentrated Functional Load Test	Primary surface load: 91kg Duration: 60min	Р
5.3	Distributed Functional Load Test	Primary surface load: 121.5kg Duration: 60min	Р
5.4	Concentrated Proof Load Test	Primary surface load: 136kg Duration: 15min	Р
5.5	Distributed Proof Load Test	Primary surface load: 184.5kg Duration: 15min	Р
5.6	Transaction Surface Torsion Load Test		N/A
5.7	Extendible Element Static Load Tests		N/A
5.7.2	Extendible Element Functional Load Test		N/A
5.7.3	Extendible Element Proof Load Test		N/A
5.8	Benching Systems – Distributed Functional Load and Stability Test		N/A
5.9	Benching Systems – Distributed Proof Load Test		N/A
6	Top Load Ease Cycle Test	Load: 91kg Cycle: 10000	Р
7	Desk/Table Unit Drop Test	Unit weight: 50.3kg Drop height: 120mm	Р
8	Leg Strength Test	Unit weight: 50.3kg	Р
8.3	Functional Test Procedure	A: 469N B: 235N	Р

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8.5	Proof Test Procedure	A: 704N	Р
		B: 352N	
9	Separation Tests for Tall Desk/Table Products		N/A
10	Extendible Element Cycle Test		N/A
10.2	Cycle Test for Extendible Elements Deeper Than Wide		N/A
10.3	Cycle Test for Extendible Elements Wider Than Deep		N/A
10.4	Cycle Test for Low Height Drawers		N/A
11	Extendible Element Retention Impact and Durability (Out Stop) Tests		N/A
12	Extendible Element Rebound Test		N/A
13	Interlock Strength Test		N/A
14	Lock Tests		N/A
14.2	Force Test for Extendible Element Locks	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	N/A
14.3	Force Test for Door Locks		N/A
14.4	Locking Mechanism Cycle Test		N/A
15	Work Surface Vertical Adjustment Test		Р
15.3.1	Test Procedure for Motor-Driven or Crank-Driven Surfaces	Height of first quartile: 638~804mm Height of second quartile: 804~971mm Height of third quartile: 971~1138mm Height of fourth quartile: 1138~1305mm Cycle: 1000 cycles in each quartile of full travel	P
15.3.2	Test Procedure for Counterbalanced Adjustment Surfaces		N/A
16	Keyboard Support and Input Device Support Adjustment Tests		N/A
17	Door Tests		N/A
17.2	Strength Test for Vertically Hinged Doors, Bi-fold Doors and Vertically Receding Doors		N/A
17.3	Hinge Override Test for Vertically Hinged Doors		N/A
17.4	Vertical Receding Doors Strength Test		N/A
17.5	Horizontal Receding Doors Strength Test		N/A
17.6	Wear and Fatigue Test for Hinged, Horizontal Sliding, and Tambour Doors		N/A
17.7	Wear and Fatigue Test for Vertical Receding Doors		N/A
17.8	Wear and Fatigue Test for Horizontal Receding Doors		N/A
17.9	Vertical and Horizontal Receding Door Out Stop Test – Cyclic Impact and Durability		N/A
17.9.3	Test Procedure – Cyclic Impact Test		N/A

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17.9.4	Test Procedure – Cyclic Durability Test	N/A
17.10	Slam Closed Test for Vertically Hinged and	N/A
	Vertically Receding Doors	
17.11	Drop Cycle Test for Horizontally Hinged and	N/A
	Horizontally Receding Doors	
17.12	Slam Test for Doors Which Free Fall Open or	N/A
	Closed	
17.13	Slam Open and Closed Test for Doors which Do	N/A
	Not Free Fall	
17.14	Door Latch Test	N/A
18	Durability Test for Desks and Tables with	N/A
	Casters	
19	Pull Force Test	N/A
20	Tilting Top Table – Cycle Test	N/A
21	Tilting Top Table – Latch Strength Test	 N/A
22	Monitor Arm Strength Test	N/A
23	Monitor Arm Cycle Test	N/A
24	Monitor Arm Adapter Dislodgement Test	N/A

Abbreviation: P=Pass; F=Fail; N/A = Not Applicable; N/T=Not Tested; N/R=Not Requested

Remark: 1. The sample has been examined according to the minimum requirements described in the product standard.

Disclaimer Measurement Uncertainty :

Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties.

Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements.

By taking measurement uncertainties into account it might happen that measured values can neither be assessed as PASS nor as FAIL

-End of Test Report-