Prüfbericht-Nr.: *Test report no.*:	**IN24QT9Y 001**	**Auftrags-Nr.:** *Order no.*:	146951308	Seite 1 von 7 *Page 1 of 7*
Kunden-Referenz-Nr.: *Client reference no.*:	Mail Dated-14.08.2024	**Auftragsdatum:** *Order date:*	2024.08.14.	
Auftraggeber: *Client*:	AFC SYSTEM PRIVATE LIMITED,33, ECOTECH 12, WEST GREATER NOIDA, UTTAR PRADESH - 201310			
Prüfgegenstand: *Test item*:	ADAPTABLE HEIGHT ADJUSTABLE DESK.			
Bezeichnung / Typ-Nr.: *Identification / Type no.*:	Style No./SKU No ADAPTABLE HEIGHT ADJUSTABLE DESK.			
Auftrags-Inhalt: *Order content*:	Performance and Safety test			
Prüfgrundlage: *Test specification*:	BIFMA 5.5:2021: Desk and Table Products			

Wareneingangsdatum: *Date of sample receipt*:	2024-08-11
Prüfmuster-Nr.: *Test sample no:*	A003798224-001
Prüfzeitraum: *Testing period*:	2024-08-16 - 2024-09-03
Ort der Prüfung: *Place of testing*:	27/B, 2nd Cross, Electronic City, Phase 1, Bangalore
Prüflaboratorium: *Testing laboratory:*	TÜV Rheinland (India) Pvt. Ltd
Prüfergebnis*: *Test result**:	Pass

geprüft von:
tested by:

X

Datum:
Date: 2024-09-03

Stellung / Position: Test Engineer

genehmigt von:
authorized by:

X

Ausstellungsdatum:
Issue date: 2024-09-03

Stellung / Position: Assistant Manager

Sonstiges / *Other*: Discipline: Mechanical Group: Saftey/Strength/Durability

Zustand des Prüfgegenstandes bei Anlieferung: *Condition of the test item at delivery*: Prüfmuster vollständig und unbeschädigt *Test item complete and undamaged*

* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
* *Legend:*	*P(ass) = passed a.m. test specification(s)*	*F(ail) = failed a.m. test specification(s)*	*N/A = not applicable*	*N/T = not tested*

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. *The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system.* *Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.*
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3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. *Test clauses with remark of * are subcontracted to qualified subcontractors and descripted under the respective test clause in the report.* *Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.*
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnisen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. *The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.*

Prüfbericht-Nr.: IN24QT9Y 001
Test report no.:

Produktbeschreibung
Product description

1	**Produktdetails** *Product details*	ADAPTABLE HEIGHT ADJUSTABLE DESK.
2	**Maße / Gewicht** *Dimensions / Weight*	Refer page 04
3	**Bedienelemente** *Operating elements*	-
4	**Ausstattung / Zubehör** *Equipment / Accessories*	-
5	**Verwendete Materialien** *Used materials*	Pre-laminated particle board, CRCA sheets , lifting columns, lifting motor, display handset.
6	**Sonstiges** *Other*	Test sample(s), as well sample information, description, product details and intended usage was provided by customer.
7	**Prüfmusterbereitstellung**: *Test sample obtaining*	☒ Sending by customer ☐ Sampling by TÜV Rheinland Group ☐ others:

Pic:01 Front View	Pic:02 side View
	
Pic:03 Rear View	
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Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen/** *Measuring results - Remarks*	**Ergebnis** *Result*

Dimensions

Height: 635mm (min) 1275mm(max) Width: 1223mm Depth: 605mm Weight: 40.950kg

Total work surface area (A): 0.73m^2

Category: ☒ **Cat. I:** H > 610mm

FL = Functional load; PL = Proof load; EE = Extendible element; C = Concentrated; D = Distributed

Clause	Test Item	Parameter / Observation	Observation	Result
3.2	Manufacturer's Instructions	When a manufacturer provides specific instructions and/or product safety labels, these instructions shall be followed prior to testing unless otherwise specified by the test procedures herein. Mid-test adjustments to the unit, such as retightening fasteners, are not permitted unless otherwise specified by the test procedures herein.	Not provided	NA
3.7	Pretest Inspection	Before beginning the testing, visually inspect the unit thoroughly. Record any defects so that they are not assumed to have been caused by the tests.	No defect is observed	**P**
4	**Stability Tests**			
4.3	Stability Under Vertical Load Test	☒ Table ≤ 72" in length: 57 kg / Loading disk: ø 305 mm Center of loading disk 178 mm from the edge. If the center of the disk > 305 mm from a corner of the top, move the disk such that its center is 305 mm from the corner keeping the edges of the disk equidistant from both sides of the top; If, at the least stable position, the top has a depth < 356 mm, center the loading disk across the depth at that position. Loading disk: ø 208 mm Its edge aligns with the edge of the top at the least stable location. Loading: 34 kg	No Tip over	**P**

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen/** *Measuring results - Remarks*	**Ergebnis** *Result*
4.6	Force Stability Test for Tall Desk and Table Products	4 positions /ø203 mm loading disk / fit the side edge ☐ F_H = 177 N; or ☐ Tilts to 10°; or ☐ horizontal movement at the point of application is 165mm which occur first; H = 1372 mm or 102 mm lower from top edge which is lower ☐ 1 – front of the product at its left side ☐ 2 – front of the product at its right side, ☐ 3 – back of the product at its left side ☐ 4 – back of the product at its right side.	No loss of serviceability	**P**
5	**Unit Strength Tests**			
5.2	Concentrated Functional Load Test	☒ L ≤ 1829 mm: CFL as Table 1 / 305 mm loading disk / 25mm from the edge Load: 91Kg(table top load) Duration: 60min.	No loss of serviceability	**P**
5.3	Distributed Functional Load Test	☒ Primary surface depth ≥ 406 mm, DFL center line is 203 mm from edge Load: 0.027kg/mm Duration: 15min.	No loss of serviceability (Applied load: 98.7kg on table top)	**P**
5.4	Concentrated Proof Load Test	☒ L ≤ 1829 mm: CPL as Table 1 / 305 mm loading disk / 25mm from the edge Load: 136Kg(table top load) , Duration: 15min.	No loss of serviceability	**P**
5.5	Distributed Proof Load Test	DPL as Table 1 ☒ Primary surface depth ≥ 406 mm, DPL center line is 203 mm from edge Load: 0.041kg/mm, Duration: 15min.	No loss of serviceability (Applied load: 149.8kg on table top)	**P**

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen/** *Measuring results - Remarks*	**Ergebnis** *Result*
6	**Top Load Ease Cycle Test**	H(Unit top height) ≤ 965 mm, ☒ Primary surface depth ≥ 457 mm, edge of the loading bag/disk within 25 mm from the edge of the surface at the center of the largest unsupported span. ø406 mm / 91 kg / 10,000 cycles	No Loss of serviceability	**P**
7	**Desk/Table Unit Drop Test**	Cat I or L ≤ 1829 mm: unloaded, free standing Lift one end of the long axis of the unit to the drop height: Free fall. Repeat for the other end of the unit.	No Failure observed at 180mm Height	**P**
8	**Leg Strength Test**	**8.2 Leg Strength Test – Standard** **8.2.2 - 8.2.3 Functional Test** FLA=422N, FLB=211N **8.2.4 - 8.2.5 Proof Test** PLA = 1.5 x FLA =_633**N** PLB = 1.5 x FLB =__317**N**	No Loss of serviceability	**P**

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen/** *Measuring results - Remarks*	**Ergebnis** *Result*
15	**Work Surface Vertical Adjustment Test**	☐ **cl. 15.2.1: (Motor-driven / Crank-driven Surface)** FL as Table 1 for all storage elements / Table top FL = 7.14 kg/m x perimeter = 26.1kg (15.9 ~ 34 kg) / 2/3 loads evenly distributed and centered over a line 100 mm from back edge / 1/3 loads applied to a ø305 mm disk in 200 mm from front and worst side edge / 5,010 cycles: i) 2500 cycles thru 90% height range; ii) 2500 cycles thru 25% height range in the upper third of the rage; iii) Remove the loads. 10 cycles thru 100% height range. / ☐ Duty cycle = _____ or ☐ one-half cycle on and 9 cycles time off or ☐ ≤ 6 cycles/min. **Req:** For crank: operating force ≤ 50 N before and after test ☐ **cl. 15.2.2: (Counterbalanced Surface)** Attach a cycling mechanism to the surface 50 mm from the front edge of the surface nearest the activation mechanism. If the activation mechanism is not attached to the surface, attach the test device 50 mm from the front center edge. Test load and procedure same as 15.2.1	No Loss of serviceability	**P**

*** Key:** P Pass F Fail NA
NC Not Conducted as per client request NT Not Test DATA

--END OF REPORT--