



Test Report

No.: GZHL2404012593HI-1

Date: May 29, 2025

Page 1 of 19

REAL LEADER HOLDING INTERNATIONAL CO.,LIMITED
FLAT/RM 604, 6F EASEY COMMERCIAL BUILDING 253-261 HENNESSY ROAD WANCHAI,HK

Sample Description : COFFEE TABLE
Item No. : XM84152
Manufacturer : ZHANGZHOU XIANGMAO FURNITURE COL,LTD.
Country of Origin : CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Apr 07, 2024
Test Performing Date : Apr 07, 2024 to Apr 22, 2024
Test Performed : Selected test(s) as requested by applicant
Test Result(s) : For further details, please refer to the following page(s)

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Arthur Mak
Authorized Signatory

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GZHL2404012593HI-1
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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch

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Member of the SGS Group (SGS SA)

I. SGS Ref No.: CAN24-0065393

	Test Requirement	Conclusion
1	Bisphenol A(BPA)	Pass
2	Polycyclic Aromatic Hydrocarbons(PAHs)	Pass
3	Nickel Release	Pass
4	Cadmium (Cd)	Pass
5	Lead (Pb)	Pass
6	German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Formaldehyde emissions from coated and uncoated wood based on Annex 1 of the Chemical Prohibition Ordinance (ChemVerbotsV), Federal Gazette, November 26, 2018 - Formaldehyde Emissions	Pass
7	Chlorinated Phenols	Pass
8	Pesticides	Pass

Test Result(s) 1 :
Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN24-0065393-0001.C001	Black surfaced metal
SN2	A2	CAN24-0065393-0001.C002	Black coating on metal
SN3	A3	CAN24-0065393-0001.C003	Silvery metal without coating

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Bisphenol A(BPA)

Test Method: With reference to AFIRM RSL method by solvent extraction, analysis was performed by LC-DAD/MS / LC-MS/MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A2
Bisphenol A(BPA)	80-05-7	1000	mg/kg	0.1	17.6
Conclusion					Pass

Notes:

- (1) The maximum permissible limit is quoted from the client requirement.



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Polycyclic Aromatic Hydrocarbons(PAHs)

Test Method: With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1	A2
Benzo(a)pyrene(BaP)	50-32-8	1	mg/kg	0.1	ND	ND
Benzo(e)pyrene(BeP)	192-97-2	1	mg/kg	0.1	ND	ND
Benzo(a)anthracene(BaA)	56-55-3	1	mg/kg	0.1	ND	ND
Benzo(b)fluoranthene(BbF)	205-99-2	1	mg/kg	0.1	ND	ND
Benzo(j)fluoranthene(BjF)	205-82-3	1	mg/kg	0.1	ND	ND
Benzo(k)fluoranthene(BkF)	207-08-9	1	mg/kg	0.1	ND	ND
Chrysene(CHR)	218-01-9	1	mg/kg	0.1	ND	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	1	mg/kg	0.1	ND	ND
Benzo(g,h,i)perylene(BPE)	191-24-2	-	mg/kg	0.1	ND	ND
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	-	mg/kg	0.1	ND	ND
Phenanthrene(PHE)	85-01-8	-	mg/kg	0.1	ND	ND
Pyrene(PYR)	129-00-0	-	mg/kg	0.1	ND	ND
Anthracene(ANT)	120-12-7	-	mg/kg	0.1	ND	ND
Fluoranthene(FLT)	206-44-0	-	mg/kg	0.1	ND	ND
Naphthalene(NAP)	91-20-3	-	mg/kg	0.1	ND	ND
Acenaphthylene(ANY)	208-96-8	-	mg/kg	0.1	ND	ND
Acenaphthene(ANA)	83-32-9	-	mg/kg	0.1	ND	ND
Fluorene(FLU)	86-73-7	-	mg/kg	0.1	ND	ND
Sum of 18 PAHs	-	50	mg/kg	-	ND	ND
Conclusion					Pass	Pass

Notes:

(1) The maximum permissible limit is quoted from the client requirement.

Nickel Release

Test Method: With reference to EN 1811:2023, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A1-Trial1	A1-Trial2	A1-Trial3
Volume of Test Solution	-	mL	-	25.46	25.46	25.46
Sample Area	-	cm ²	-	25.46	25.46	25.46
Whether performed by EN 12472:2020 or not	-	-	-	YES	YES	YES
Nickel Release	0.5	µg/cm ² /week	0.10	ND	ND	ND
Conclusion				Pass		

Notes:

(1) NO: Positive finding by Nickel spot test is observed based on CEN/TR 12471:2022. Simulation of wear and corrosion according to EN 12472:2020 has been not applied prior to the EN 1811:2023.

YES: Negative finding by Nickel spot test is observed based on CEN/TR 12471:2022. Simulation of wear and corrosion according to EN 12472:2020 has been applied prior to the EN 1811:2023.



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(2) The maximum permissible limit is quoted from the client requirement.

Cadmium (Cd)

Test Method: With reference to CPSC-CH-E1001-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A3
Cadmium(Cd)	100	mg/kg	5	ND
Conclusion				Pass

Notes:

(1) The maximum permissible limit is quoted from the client requirement.

Test Method: With reference to CPSC-CH-E1003-09.1, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A2
Cadmium(Cd)	100	mg/kg	5	ND
Conclusion				Pass

Notes:

(1) The maximum permissible limit is quoted from the client requirement.

Lead (Pb)

Test Method: With reference to CPSC-CH-E1003-09.1, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A2
Lead(Pb)	500	mg/kg	20	ND
Conclusion				Pass

Notes:

(1) The maximum permissible limit is quoted from the client requirement.

Test Method: With reference to CPSC-CH-E1001-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A3
Lead(Pb)	500	mg/kg	20	ND
Conclusion				Pass

Notes:

(1) The maximum permissible limit is quoted from the client requirement.



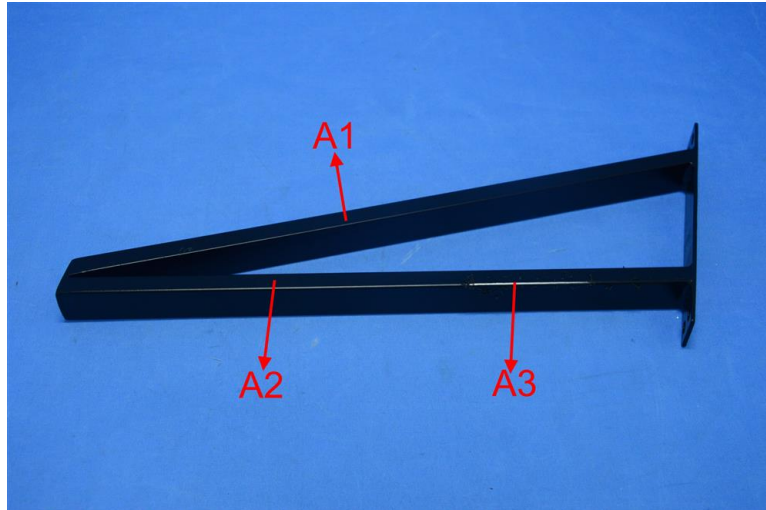
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Sample Photo 1 :



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Test Result(s) 2 :
Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN23-0122456-0001.C001	Brown MDF
SN2	A2	CAN23-0122456-0001.C002	White coating on MDF

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Bisphenol A(BPA)

Test Method: With reference to AFIRM RSL method by solvent extraction, analysis was performed by LC-MS / LC-MS/MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A2
Bisphenol A(BPA)	80-05-7	1000	mg/kg	0.1	ND
Conclusion					Pass

Notes:

- (1) The maximum permissible limit is quoted from client's requirement.

Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method: With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1	A2
Benzo(a)pyrene(BaP)	50-32-8	1	mg/kg	0.1	ND	ND
Benzo(e)pyrene(BeP)	192-97-2	1	mg/kg	0.1	ND	ND
Benzo(a)anthracene(BaA)	56-55-3	1	mg/kg	0.1	ND	ND
Benzo(b)Fluoranthene(BbF)	205-99-2	1	mg/kg	0.1	ND	ND
Benzo(j)fluoranthene(BjF)	205-82-3	1	mg/kg	0.1	ND	ND
Benzo(k)Fluoranthene(BkF)	207-08-9	1	mg/kg	0.1	ND	ND
Chrysene(CHR)	218-01-9	1	mg/kg	0.1	ND	ND
Dibenzo(a,h)Anthracene(DBA)	53-70-3	1	mg/kg	0.1	ND	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1	A2
Benzo(g,h,i)perylene(BPE)	191-24-2	-	mg/kg	0.1	ND	ND
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	-	mg/kg	0.1	ND	ND
Phenanthrene(PHE)	85-01-8	-	mg/kg	0.1	ND	ND
Pyrene(PYR)	129-00-0	-	mg/kg	0.1	ND	ND
Anthracene(ANT)	120-12-7	-	mg/kg	0.1	ND	ND
Fluoranthene(FLT)	206-44-0	-	mg/kg	0.1	ND	ND
Naphthalene(NAP)	91-20-3	-	mg/kg	0.1	ND	12.1
Acenaphthylene(ANY)	208-96-8	-	mg/kg	0.1	ND	ND
Acenaphthene(ANA)	83-32-9	-	mg/kg	0.1	ND	ND
Fluorene(FLU)	86-73-7	-	mg/kg	0.1	ND	ND
Sum of 18 PAHs	-	50	mg/kg	-	ND	12.1
Conclusion					Pass	Pass

Notes:

- (1) The maximum permissible limit is quoted from client's requirement.

Cadmium(Cd)

Test Method: With reference to US EPA 3052:1996, analysis was performed by ICP-OES/AAS.

Test Item(s)	Limit	Unit(s)	MDL	A2
Cadmium(Cd)	100	mg/kg	2	ND
Conclusion				Pass

Notes:

- (1) The maximum permissible limit is quoted from client's requirement.

Lead(Pb)

Test Method: With reference to US EPA 3052:1996, analysis was performed by ICP-OES/AAS.

Test Item(s)	Limit	Unit(s)	MDL	A2
Lead(Pb)	500	mg/kg	2	ND
Conclusion				Pass

Notes:

- (1)The maximum permissible limit is quoted from client's requirement.



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German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Formaldehyde emissions from coated and uncoated wood based on Annex 1 of the Chemical Prohibition Ordinance (ChemVerbotsV), Federal Gazette, November 26, 2018 - Formaldehyde Emissions

Test Method: With reference to DIN EN 16516:2018, analysis was performed by HPLC-DAD.

Test Item(s)	Limit	Unit(s)	MDL	A1
Chamber Volume	-	m ³	-	0.05
Sample loading	-	m ² /m ³	-	1.8
Testing Temperature	-	°C	-	23.4
Testing Humidity	-	%	-	51.0
Air Exchange Rate	-	/h	-	0.5
Test Period Time	-	day	-	7
DNPH Sampling Flow	-	mL/min	-	300
DNPH Sampling Time	-	min	-	60
DNPH Sampling Volume	-	L	-	18
Formaldehyde Emission	0.1	ppm	0.01	0.05
Conclusion				Pass

Notes:

- (1) ppm = parts per million
- (2) mg/m³ = milligram per cubic meter
- (3) At 23°C and 1013hPa, 1ppm = 1.24mg/m³, 1mg/m³=0.81ppm.

Chlorinated Phenols

Test Method: With reference to modified § 64 LFGB BVL B82.02.8-2001 with KOH Extraction, analysis was performed by GC-MS or GC-ECD.

Test Item(s)	Limit	Unit(s)	MDL	A1
Pentachlorophenol (PCP)	ND	mg/kg	0.05	ND
Conclusion				Pass

Notes:

- (1) The maximum permissible limit is quoted from client's requirement.

Pesticides

Test Method: With reference to SGS in house method, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1
α-Hexachlorocyclohexane(α-HCH)	319-84-6	ND	mg/kg	0.05	ND
β-Hexachlorocyclohexane(β-HCH)	319-85-7	ND	mg/kg	0.05	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1
HCH)					
γ-Hexachlorcyclohexane(Lindane)(γ-HCH)	58-89-9	ND	mg/kg	0.05	ND
δ-Hexachlorcyclohexane(δ-HCH)	319-86-8	ND	mg/kg	0.05	ND
Conclusion					Pass

Notes:

(1)The maximum permissible limit is quoted from client's requirement.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

Remark:

The results & photos 2 is/are extracted from the test report number GZHL2310036844HI.



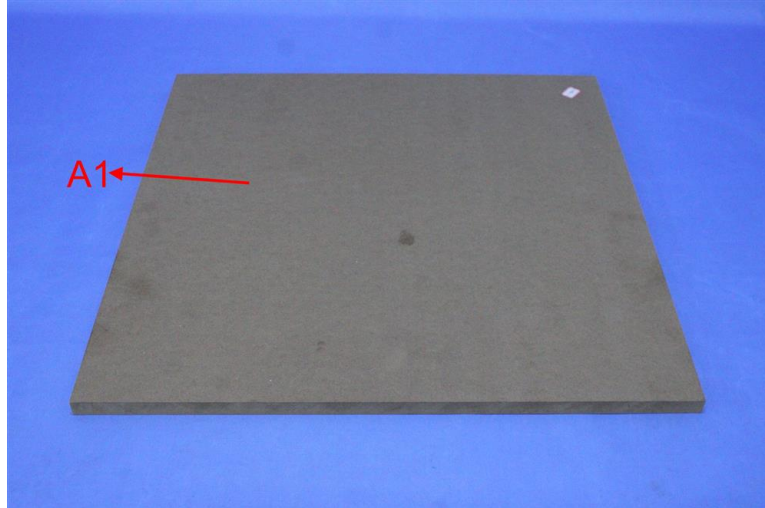
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Sample Photo 2 :



II. SGS Ref No.: XMHL2404001892FT

This test was subcontracted to SGS-CSTC Standards Technical Services Co., Ltd. Xiamen Branch.

Test Result Summary

Test(s) Requested	Result(s)
EN 12521:2023 (excluding clause 6)	PASS

TESTS AND RESULTS
Test Conducted:

EN 12521:2023 Furniture – Strength, durability and safety – Requirements for domestic tables.

No. of Sample:

1 piece(s) (Sample 1). For more sample information and pictures, please refer to the following page.

Table Type:

- ☐ Delicate tables
☒ Small tables (Height ≤ 600 mm or top area ≤ 0.3 m²)
☐ All other tables

Test and Requirements	Test Results
5 Safety requirements 5.1 General The table shall be so designed as to minimize the risk of injury to the user. All parts of the table with which the user comes into contact during intended use when the table is positioned in its intended configuration of use shall be so designed that physical injury and damage are avoided. These requirements are met when: a) the edges and corners of table tops which are directly in contact with the user are rounded or chamfered; b) all other edges and corners accessible during intended use are free from burrs and/or sharp edges. Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided. It shall not be possible for any load bearing part of the table to come loose unintentionally. All parts that are lubricated to assist sliding shall be designed to protect users from lubricant stains when in normal use.	PASS
5.2 Holes in tubular or rigid components There shall be no holes in tubular components or holes in rigid components in accessible parts between 7 mm and 12 mm, unless the depth of penetration is less than 10 mm. This requirement is fulfilled if there is no hazard present when tested in accordance with A.1.	PASS
5.3 Shear and compression points 5.3.1 General The requirements contained within 5.3.2, 5.3.3 and 5.3.4 do not apply to electrically operated furniture.	



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Test and Requirements	Test Results
5.3.2 Shear and compression points when setting up and folding Unless 5.3.3 or 5.3.4 are applicable, shear and compression points that are created only during setting up and folding are acceptable, because the user can be assumed to be in control of his/her movements and to be able to cease applying the force immediately upon experiencing pain. The edges of parts moving relative to each other and creating shear and compression points shall be as specified in 5.1.	NA
5.3.3 Shear and compression points under influence of powered mechanisms With the exception of operation of doors, flaps and extension elements, there shall be no areas where the distance between two accessible parts moving relative to each other can be less than 25 mm, and more than 8 mm in any position during movement that could present a risk of injury to the user, created by parts of the furniture operated by powered mechanisms, e.g. mechanical springs and gas lifts. This requirement is fulfilled if there is no hazard present when tested in accordance with A.2.2.	NA
5.3.4 Shear and compression points during use With the exception of operation of doors, flaps and extension elements, there shall be no areas where the distance between two accessible parts moving relative to each other can be less than 18 mm, and more than 8 mm in any position that could present a risk of injury to the user, created by loads applied during normal use. The loads used for durability tests within Table 2 are considered representative of normal use. This requirement is fulfilled if there is no hazard present when tested in accordance with A.2.3.	PASS
5.4 Glass 5.4.1 Safety glass For glass to be considered to be "safety glass" when tested in accordance with Table 2, Test 8 – Vertical impact test for glass table tops, either: a) the manufacturer, importer or retailer, provides verification that the glass fulfils the requirements in EN 12150-1:2015+A1:2019, Clause 8, fragmentation test; or where the mode of breakage (β) according to EN 12600, is Type B or Type C; or the glass shall be tested in accordance with EN 12150-1:2015+A1:2019, 8.3 and 8.4 (fragmentation test) and shall have a minimum particle count of 40 particles in any 50 mm x 50 mm square, in derogation that the test shall be performed on one full size sample of the glass, as used in the product. 5.4.2 Other glass b) Where glass does not satisfy the requirements of 5.4.1 it shall be considered to be "other glass" when tested in accordance with Table 2, Test 8 – Vertical impact test for glass table tops.	NA
5.6 Strength and durability The strength and durability requirements are fulfilled when after testing in accordance with Table 2: a) there are no fractures of any member, joint or component; b) there is no loosening of joints intended to be rigid; c) the table fulfils its functions after removal of the test loads; d) the table fulfils the stability requirements.	
EN 1730:2012, 6.2 Horizontal Static Load Test	



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Test and Requirements				Test Results
	<input type="checkbox"/> Delicate tables	<input checked="" type="checkbox"/> Small tables	<input type="checkbox"/> All other tables	PASS
Test force F _{1...4} , N	150	200	400	
Minimum horizontal force, N	50	100	200	
Specified mass, kg	Manufacturer's maximum load or 25 whichever is lower.	50	50	
Cycles	10	10	10	
Apply the specified mass to an area of (300 ± 50) mm x (300 ± 50) mm, or a diameter of (300 ± 50) mm, to the approximate centre of the table top.				
Apply the specified horizontal force by means of the loading pad at the table top level in a direction perpendicular to a line joining the two legs/supports, midway between the legs/supports.				
Leaving the stops in position, use the same procedure to determine the force to be applied in the opposite direction.				
Repeat the test method applying the specified horizontal force at the work top level along the line joining the two legs/supports.				
Apply the same force in the opposite direction.				
Repeat this procedure for the cycles specified.				



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Test and Requirements				Test Results
EN 1730:2012, 6.3.1 Vertical static load on main surface				
	<input type="checkbox"/> Delicate tables	<input checked="" type="checkbox"/> Small tables	<input type="checkbox"/> All other tables	PASS
Test force F, N				
a) main surface for tables with a height less than or equal to 600 mm	Manufacturer's maximum load × 1,2 or 250 whichever is higher	1000	-	
b) main surface for tables with a height greater than 600 mm	Manufacturer's maximum load × 1,2 or 250 whichever is higher	250	1000	
Cycles	10	10	10	
Apply a vertical downward force using the loading pad anywhere on the top that is likely to cause a failure, but not less than 100 mm from any edge. If the table tends to overturn gradually, move the loading point towards the centre of the table until this tendency ceases. Repeat for the cycles specified.				
EN 1730:2012, 6.3.2 Additional vertical static load test where the main surface has a length > 1 600 mm				
	<input type="checkbox"/> Delicate tables	<input checked="" type="checkbox"/> Small tables	<input type="checkbox"/> All other tables	NA
Test force, N				
a) main surface for tables with a height less than or equal to 600 mm	-	1000	-	
b) main surface for tables with a height greater than 600 mm	-	250	1000	
Cycles	-	10	10	
Apply two vertical downward forces simultaneously using the loading pad at points positioned on the longitudinal axis of the table top, 400 mm on either side of the transversal axis. Repeat for the cycles specified.				



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Test and Requirements				Test Results
EN 1730:2012, 6.3.3 Vertical static load on ancillary surface				
	<input type="checkbox"/> Delicate tables	<input checked="" type="checkbox"/> Small tables	<input type="checkbox"/> All other tables	NA
Test force, N	-	-	200	
Cycles	-	-	10	
Apply a vertical downward force using the loading pad anywhere on the ancillary surface that is likely to cause a failure, but not less than 100 mm from any edge. If the article tends to overturn, load the main table top gradually to prevent overturning. Repeat for the cycles specified.				
EN 1730:2012, 6.4.1 & 6.4.2 Horizontal durability test				
	<input type="checkbox"/> Delicate tables	<input checked="" type="checkbox"/> Small tables	<input type="checkbox"/> All other tables	PASS
Test force $F_{a,d}$, N	-	150	300	
Specified mass, kg	-	50	50	
Cycles	-	5000	10000	
Place the specified mass on the table top on an area of (300 ± 50) mm x (300 ± 50) mm, or a diameter of (300 ± 50) mm, at the point most likely to prevent the table lifting off the floor. Apply two alternating horizontal forces at the table top level by means of two loading pads, one at one end of the table 50 mm from one corner/edge, a, and one at the opposite end/edge, b. Repeat the procedure at the other corner positions, c and d. Carry out the test for the number of cycles specified.				
EN 1730:2012, 6.5 Vertical durability test for cantilever or pedestal tables				
	<input type="checkbox"/> Delicate tables	<input checked="" type="checkbox"/> Small tables	<input type="checkbox"/> All other tables	PASS
Test force, N	-	300	300	
Cycles	-	2000	10000	
Apply the vertical force specified by means of the loading pad, on the table top at the most adverse position, 100 mm from the table top edge. If the article tends to lift, load the centre of the main table top with a mass sufficient to prevent overturning. Carry out the test for the number of cycles specified.				



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Test and Requirements				Test Results
EN 1730:2012, 6.6.1 & 6.6.3 Vertical impact test for tables without glass in their construction				
	<input type="checkbox"/> Delicate tables	<input checked="" type="checkbox"/> Small tables	<input type="checkbox"/> All other tables	PASS
Drop height, mm	-	140	180	
Cycles	-	10	10	
Place one layer of foam on the table top. The height of drop shall be measured from the position where the impactor is resting on the surface of that layer of foam. Place a second layer of foam between the striking surface and the table top. Allow the vertical impactor to fall freely from the height specified onto the foam surface at the following positions:				
<ul style="list-style-type: none">- as close as possible to one point of support of the top but not less than 100 mm from any edge;- 100 mm from the edge of the top as far away from the supports as possible;- 100 mm from the edges at one corner.				
EN 1730:2012, 6.6.1 & 6.6.2 (EN 14072:2003, clause 6) Vertical impact test for tables with glass in their construction – Safety glass				
	<input type="checkbox"/> Delicate tables	<input checked="" type="checkbox"/> Small tables	<input type="checkbox"/> All other tables	NA
Drop height, mm	-	140	180	
Cycles	-	10	10	
Place a piece of polyurethane foam on the glass surface. With the impactor resting on the foam, adjust the fall height. Let the impactor fall freely through the specified height onto the glass on those following positions and for the number of times specified.				
<ul style="list-style-type: none">- as close as possible to one point of support of the top but not less than 100 mm from any edge;- 100 mm from the edge of the top as far away from the supports as possible;- 100 mm from the edges at one corner.				
EN 1730:2012, 6.6.1 & 6.6.2 (EN 14072:2003, clause 6) Vertical impact test for tables with glass in their construction – Other glass				
	<input type="checkbox"/> Delicate tables	<input checked="" type="checkbox"/> Small tables	<input type="checkbox"/> All other tables	NA
Drop height, mm	100	180	240	
Cycles	10	10	10	
Place a piece of polyurethane foam on the glass surface. With the impactor resting on the foam, adjust the fall height. Let the impactor fall freely through the specified height onto the glass on those following positions and for the number of times specified.				
<ul style="list-style-type: none">- as close as possible to one point of support of the top but not less than 100 mm from any edge;- 100 mm from the edge of the top as far away from the supports as possible;- 100 mm from the edges at one corner.				



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Test and Requirements				Test Results
EN 1730:2012, 6.8 Durability of tables with castors				
	<input type="checkbox"/> Delicate tables	<input checked="" type="checkbox"/> Small tables	<input type="checkbox"/> All other tables	NA
Specified load, kg	-	20	20	
Cycles	-	1000	1000	
At least one castor shall be run over obstacles at a mean speed of 0,2 m/s for a distance of one metre.				
At the end of one metre the direction of travel shall be reversed and the castor shall return to the starting point. This cycle shall be repeated until the castors have been running for 2 min.				
There shall be a cooling period of 2 min before the next 2 min test run is started.				
The procedure shall be repeated until the specified number of cycles has been completed. One cycle consists of one movement forwards and backwards.				
EN 1730:2012, 7.1 and 7.2 Stability under vertical load				
	<input type="checkbox"/> Delicate tables	<input checked="" type="checkbox"/> Small tables	<input type="checkbox"/> All other tables	PASS
Test force, N:				
Main surface				
V ₁	200	200	200	
V ₂	200	400	400	
Ancillary surface				
V ₁	-	-	100	
V ₂	-	-	200	
Measure the longest dimension of the table top. Apply the specified vertical load 50 mm from the outer edge of the table top on that side where the load is most likely to cause overturning as far away from the supports as possible.				
Note:				
1. For tables that are or can be set to a height greater than 950 mm, tested according to 7.2.2 using 50 % of the specified vertical load.				
2. For delicate table, only apply to the unit with a height to the top surface ≥ 600 mm above the floor and where the weight of the unloaded table is more than 10 kg.				
Table 2 — Determination of vertical load				
Longest dimension, L, of the table top in the overturning direction		Vertical load V		
0 mm - < 800 mm		V ₁		
800 mm – 1 600 mm		$V_2 - (V_2 - V_1) \times \frac{(1\,600 - L)}{800}$		
> 1 600 mm		V ₂		



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Test and Requirements				Test Results
EN 12521:2023, 5.5.3 Stability for tables with extension elements				
	<input type="checkbox"/> Delicate tables	<input checked="" type="checkbox"/> Small tables	<input type="checkbox"/> All other tables	NA
Test force, N	-	-	200	
Load each extension element with the load specified. Extension elements shall be opened across the full width of the table. Extension elements shall be fully opened, except where there are no open stops in which case they shall be opened to two thirds of the internal length. Only one extension element in each vertical line of extension elements shall be opened so as to produce the configuration most likely to cause overturning. The table shall not overturn when the vertical force specified is applied at the centre of the front of the table, through a loading pad, 50 mm from the edge. Extension elements designed for suspended filing only: 1.25 kg/dm ³ Other extension elements: 0.2 kg/dm ³				
EN 1730:2012, 8 Durability of height adjustment mechanisms				
	<input type="checkbox"/> Delicate tables	<input checked="" type="checkbox"/> Small tables	<input type="checkbox"/> All other tables	
Total mass on the table:	Without load	Manufacturer's recommended / nominal load or 25 kg, whichever is greater.	Manufacturer's recommended / nominal load or 50 kg, whichever is greater.	NA
Total number of cycles	1000	5000	5000	
A. First 25 % of cycles: 40 % of mass at 200 mm from the front and side edges. The remaining mass shall be at the geometric centre of the table top; B. Next 50 % of cycles: 100 % of the mass at the geometric centre of the table top; C. Last 25 % of cycles: 40 % of the mass positioned at a rear corner 200 mm from the rear edge and the side edge. The remaining mass shall be at the geometric centre of the table top. The table shall be cycled its total vertical travel and return in each cycle.				
6 Information for use				
Information for use shall be available in the language of the country in which it will be delivered to the end user. It shall contain at least the following details: a. assembly instructions, where applicable; b. instructions for the care and maintenance of the table. In addition, delicate tables shall be supplied with the following warnings: c. WARNING – Delicate table - Do not sit on the product; d. WARNING – Delicate table - Do not place heavy objects on this product, manufacturers maximum load or 25 kg.				

Remark:

1. NA – Not applicable; NT – Not tested as per client's requirement.
2. For the sample information and pictures, please refer to the following page.



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SAMPLE INFORMATION AND PICTURES

Weight: 8.92kg

Overall Dimensions: 700mm L x 700mm W x 460mm H

Other Dimensions: /

Sample as Received

Pic. 1



Pic. 2



Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.

Remark: This test report is to supersede No. GZHL2404012593HI test report which was issued on Apr 22, 2024. And the original test reports (paper and electronic) are invalid.

End of Report



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Test Report

No.: GZHL2407028244FT

Date: Jul 25, 2024

Page 1 of 6

REAL LEADER HOLDING INTERNATIONAL CO., LIMITED.
FLAT/RM 604, 6F EASEY COMMERCIAL BUILDING 253-261 HENNESSY ROAD WANCHAI HK

Sample Description : TV CABINET
Item No. : RL20617
Manufacturer : ZHANGZHOU XIANGMAO FURNITURE CO., LTD.
Country of Origin : CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

SGS Ref No. : CAN24-0146088
Sample Receiving Date : Jul 05, 2024
Test Performing Date : Jul 05, 2024 to Jul 25, 2024
Test Performed : Selected test(s) as requested by applicant
Test Result(s) : For further details, please refer to the following page(s)

	Test Requirement	Conclusion
1	Bisphenol A(BPA)	Pass
2	Hexabromocyclododecane (HBCDD)	Pass
3	Polycyclic Aromatic Hydrocarbons(PAHs)	Pass
4	Nickel Release	Pass
5	Cadmium (Cd)	Pass
6	Lead (Pb)	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Yan Lau
Authorized Signatory

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Test Result(s):
Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN2	A2	CAN24-0146088-0001.C002	Multicolor plated metal(slide)(white style)
SN3	A3	CAN24-0146088-0001.C003	White solid material(veneer)

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Bisphenol A(BPA)

Test Method: With reference to AFIRM RSL method by solvent extraction, analysis was performed by LC-DAD/MS / LC-MS/MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A3
Bisphenol A(BPA)	80-05-7	1000	mg/kg	0.1	ND
Conclusion					Pass

Notes:

- (1) The maximum permissible limit is quoted from the client requirement.

Hexabromocyclododecane (HBCDD)

Test Method: With reference to IEC 62321-9:2021, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A3
Hexabromocyclododecane (HBCDD)	134237-50-6 /134237-51-7 /134237-52-8 /25637-99-4 /3194-55-6	1000	mg/kg	20	ND
Conclusion					Pass

Notes:

- (1) The maximum permissible limit is quoted from the client requirement.



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Polycyclic Aromatic Hydrocarbons(PAHs)
Test Method: With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A2	A3
Benzo(a)pyrene(BaP)	50-32-8	1	mg/kg	0.1	ND	ND
Benzo(e)pyrene(BeP)	192-97-2	1	mg/kg	0.1	ND	ND
Benzo(a)anthracene(BaA)	56-55-3	1	mg/kg	0.1	ND	ND
Benzo(b)fluoranthene(BbF)	205-99-2	1	mg/kg	0.1	ND	ND
Benzo(j)fluoranthene(BjF)	205-82-3	1	mg/kg	0.1	ND	ND
Benzo(k)fluoranthene(BkF)	207-08-9	1	mg/kg	0.1	ND	ND
Chrysene(CHR)	218-01-9	1	mg/kg	0.1	ND	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	1	mg/kg	0.1	ND	ND
Benzo(g,h,i)perylene(BPE)	191-24-2	-	mg/kg	0.1	ND	ND
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	-	mg/kg	0.1	ND	ND
Phenanthrene(PHE)	85-01-8	-	mg/kg	0.1	ND	ND
Pyrene(PYR)	129-00-0	-	mg/kg	0.1	ND	ND
Anthracene(ANT)	120-12-7	-	mg/kg	0.1	ND	ND
Fluoranthene(FLT)	206-44-0	-	mg/kg	0.1	ND	ND
Naphthalene(NAP)	91-20-3	-	mg/kg	0.1	ND	ND
Acenaphthylene(ANY)	208-96-8	-	mg/kg	0.1	ND	ND
Acenaphthene(ANA)	83-32-9	-	mg/kg	0.1	ND	ND
Fluorene(FLU)	86-73-7	-	mg/kg	0.1	ND	ND
Sum of 18 PAHs	-	50	mg/kg	-	ND	ND
Conclusion					Pass	Pass

Notes:

(1) The maximum permissible limit is quoted from the client requirement.



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Nickel Release
Test Method: With reference to EN 1811:2023, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A2-Trial1	A2-Trial2	A2-Trial3
Volume of Test Solution	-	mL	-	70.61	70.61	70.61
Sample Area	-	cm ²	-	70.61	70.61	70.61
Whether performed by EN 12472:2020 or not	-	-	-	YES	YES	YES
Nickel Release	0.5	µg/cm ² /week	0.10	ND	ND	ND
Conclusion				Pass		

Notes:

(1) NO: Positive finding by Nickel spot test is observed based on CEN/TR 12471:2022. Simulation of wear and corrosion according to EN 12472:2020 has been not applied prior to the EN 1811:2023.

YES: Negative finding by Nickel spot test is observed based on CEN/TR 12471:2022. Simulation of wear and corrosion according to EN 12472:2020 has been applied prior to the EN 1811:2023.

(2) The maximum permissible limit is quoted from the client requirement.

Cadmium (Cd)
Test Method: With reference to CPSC-CH-E1001-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A2
Cadmium(Cd)	100	mg/kg	5	ND
Conclusion				Pass

Notes:

(1) The maximum permissible limit is quoted from the client requirement.

Test Method: With reference to CPSC-CH-E1002-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A3
Cadmium(Cd)	100	mg/kg	5	ND
Conclusion				Pass

Notes:

(1) The maximum permissible limit is quoted from the client requirement.

Lead (Pb)
Test Method: With reference to CPSC-CH-E1001-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A2
Lead(Pb)	500	mg/kg	20	ND
Conclusion				Pass



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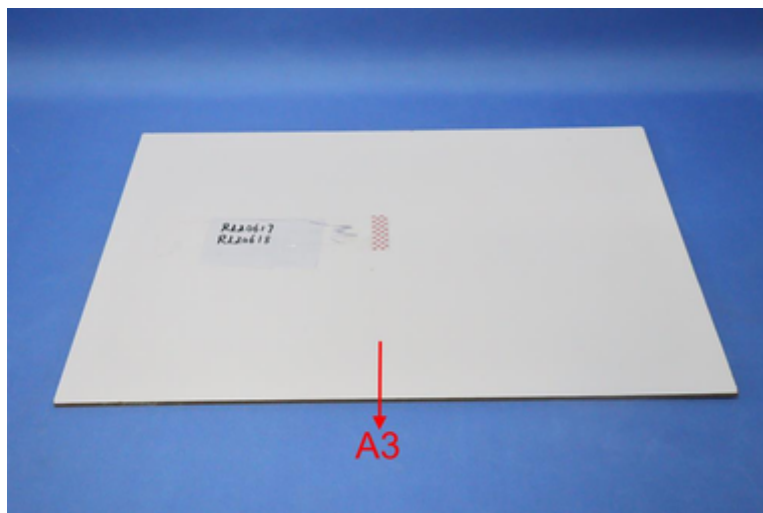
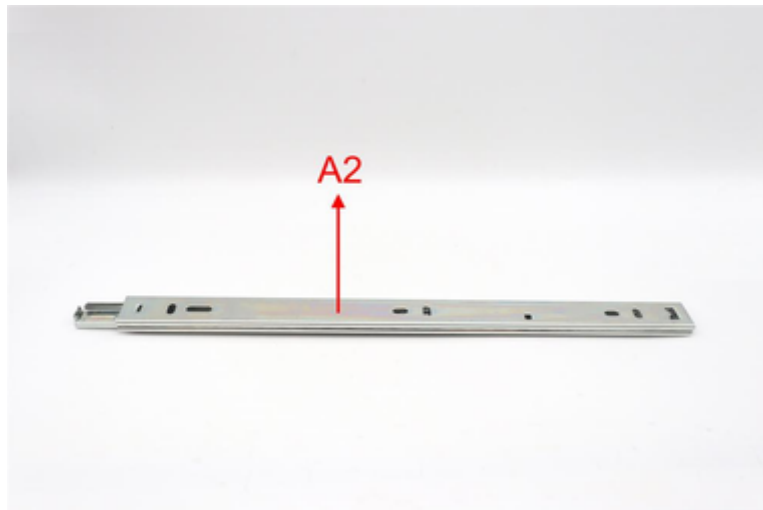
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Notes:

(1) The maximum permissible limit is quoted from the client requirement.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.

Sample Photo:



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Product Photo

Remark: According to client's statements the tested samples are used in their products shown in the product photos.

*** End of Report ***



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We, Real Leader holding internatinal co., ltd., declare that the following products or material are used within factory models no.

Produkt / Material <i>Product / material</i>	Prüfbericht <i>Test report</i>	Verbaut bei <i>Used by</i>
COFFEE TABLE MDF BOARD	GZHL2404012593HI-1	28580032-01
TV CABINET WHITE COLOR MELAMINE	GZHL2407028244FT	28580032-01

REAL LEADER INTERNATIONAL CO., LTD.

FLAT/RM 604, 6F EASEY COMMERCIAL BUILDING, 253-261 HENNESSY ROAD WANCHAI HK



Supplier Authorized Signature / Company Stamp

Baugleichheitsbescheinigung **Declaration of Identity**

Wir, Real Leader holding international co., ltd., bestätigen hiermit, dass die folgenden Produkte baugleich in Bezug auf das Design, die technische Konstruktion und der verwendeten Komponenten mit den Artikeln bei unserem Kunden sind.

We, Real Leader holding international co., ltd., declare that the following products are identical in design, technical construction and used components with the article of our customer.

Kunde / Customer

Bitte ankreuzen / Please choose

☒ XXXLutz

☒ BDSK

☐ MX Logistika

☐ Sontiges/ other: _____

Produkt Bezeichnung <i>Product name</i>	Lieferant Artikelnummer <i>Supplier article number</i>	Lutz Gruppe Artikelnummer <i>Lutz Group article number</i>
Office table	RL24A380	28580032/01

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FLAT/RM 604, 6F EASEY COMMERCIAL BUILDING
253-261 HENNESSY ROAD WANCHAI HK

Supplier Authorized Signature / Company Stamp





Test Report

No.: XMHL250500316701FT

Date: May 23, 2025

Page 1 of 10

REAL LEADER HOLDING INTERNATIONAL CO., LIMITED.
FLAT/RM 604, 6F EASEY COMMERCIAL BUILDING 253-261 HENNESSY ROAD WANCHAI HK

Sample Descriptions : OFFICE TABLE
Item No.(s) : RL24A380
Country of Origin : CHINA
Manufacturer : ZHANGZHOU JUNWEI FURNITURE CO., LTD.

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : May 16, 2025
Test Performing Date : May 16, 2025 to May 23, 2025
Test Performed : Selected test(s) as requested by applicant
Test Result(s) : For further details, please refer to the following page(s)

Test Result Summary

Test(s) Requested	Result(s)
EN 12521:2023 (Excluding clause 6)	PASS
Summary: 1. For further details, please refer to the following page(s).	

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Xiamen Branch

Ted Zheng
Authorized Signatory

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TESTS AND RESULTS

Test Conducted:

EN 12521:2023 Furniture – Strength, durability and safety – Requirements for domestic tables.

No. of Sample:

1 piece(s) (Sample 1). For more sample information and pictures, please refer to the following page.

Table Type:

- ☐ Delicate tables
☐ Small tables Height ≤ 600 mm or top area ≤ 0.3 m²
☒ All other tables

Test and Requirements	Test Results
5 Safety requirements	
5.1 General The table shall be so designed as to minimize the risk of injury to the user. All parts of the table with which the user comes into contact during intended use when the table is positioned in its intended configuration of use shall be so designed that physical injury and damage are avoided. These requirements are met when: a) the edges and corners of table tops which are directly in contact with the user are rounded or chamfered; b) all other edges and corners accessible during intended use are free from burrs and/or sharp edges. Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided. It shall not be possible for any load bearing part of the table to come loose unintentionally. All parts that are lubricated to assist sliding shall be designed to protect users from lubricant stains when in normal use.	PASS
5.2 Holes in tubular or rigid components There shall be no holes in tubular components or holes in rigid components in accessible parts between 7 mm and 12 mm, unless the depth of penetration is less than 10 mm. This requirement is fulfilled if there is no hazard present when tested in accordance with A.1.	PASS
5.3 Shear and compression points	
5.3.1 General The requirements contained within 5.3.2, 5.3.3 and 5.3.4 do not apply to electrically operated furniture.	



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Test and Requirements	Test Results
5.3.2 Shear and compression points when setting up and folding Unless 5.3.3 or 5.3.4 are applicable, shear and compression points that are created only during setting up and folding are acceptable, because the user can be assumed to be in control of his/her movements and to be able to cease applying the force immediately upon experiencing pain. The edges of parts moving relative to each other and creating shear and compression points shall be as specified in 5.1.	NA
5.3.3 Shear and compression points under influence of powered mechanisms With the exception of operation of doors, flaps and extension elements, there shall be no areas where the distance between two accessible parts moving relative to each other can be less than 25 mm, and more than 8 mm in any position during movement that could present a risk of injury to the user, created by parts of the furniture operated by powered mechanisms, e.g. mechanical springs and gas lifts. This requirement is fulfilled if there is no hazard present when tested in accordance with A.2.2.	NA
5.3.4 Shear and compression points during use With the exception of operation of doors, flaps and extension elements, there shall be no areas where the distance between two accessible parts moving relative to each other can be less than 18 mm, and more than 8 mm in any position that could present a risk of injury to the user, created by loads applied during normal use. The loads used for durability tests within Table 2 are considered representative of normal use. This requirement is fulfilled if there is no hazard present when tested in accordance with A.2.3.	PASS
5.4 Glass 5.4.1 Safety glass For glass to be considered to be "safety glass" when tested in accordance with Table 2, Test 8 – Vertical impact test for glass table tops, either: a) the manufacturer, importer or retailer, provides verification that the glass fulfils the requirements in EN 12150-1:2015+A1:2019, Clause 8, fragmentation test; or where the mode of breakage (β) according to EN 12600, is Type B or Type C; or the glass shall be tested in accordance with EN 12150-1:2015+A1:2019, 8.3 and 8.4 (fragmentation test) and shall have a minimum particle count of 40 particles in any 50 mm x 50 mm square, in derogation that the test shall be performed on one full size sample of the glass, as used in the product.	NA
5.4.2 Other glass b) Where glass does not satisfy the requirements of 5.4.1 it shall be considered to be "other glass" when tested in accordance with Table 2, Test 8 – Vertical impact test for glass table tops.	



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Test and Requirements				Test Results
5.6 Strength and durability				
The strength and durability requirements are fulfilled when after testing in accordance with Table 2:				
a) there are no fractures of any member, joint or component;				
b) there is no loosening of joints intended to be rigid;				
c) the table fulfils its functions after removal of the test loads;				
d) the table fulfils the stability requirements.				
EN 1730:2012, 6.2 Horizontal Static Load Test				
	<input type="checkbox"/> Delicate tables	<input type="checkbox"/> Small tables	<input checked="" type="checkbox"/> All other tables	PASS
Test force F _{1...4} , N	150	200	400	
Minimum horizontal force, N	50	100	200	
Specified mass, kg	Manufacturer's maximum load or 25 whichever is lower.	50	50	
Cycles	10	10	10	
Apply the specified mass to an area of (300 ± 50) mm x (300 ± 50) mm, or a diameter of (300 ± 50) mm, to the approximate centre of the table top. Apply the specified horizontal force by means of the loading pad at the table top level in a direction perpendicular to a line joining the two legs/supports, midway between the legs/supports. Leaving the stops in position, use the same procedure to determine the force to be applied in the opposite direction. Repeat the test method applying the specified horizontal force at the work top level along the line joining the two legs/supports. Apply the same force in the opposite direction. Repeat this procedure for the cycles specified.				



Test and Requirements				Test Results
EN 1730:2012, 6.3.1 Vertical static load on main surface				
	<input type="checkbox"/> Delicate tables	<input type="checkbox"/> Small tables	<input checked="" type="checkbox"/> All other tables	
Test force F, N				
a) main surface for tables with a height less than or equal to 600 mm	Manufacturer's maximum load × 1,2 or 250 whichever is higher	1000	-	
b) main surface for tables with a height greater than 600 mm	Manufacturer's maximum load × 1,2 or 250 whichever is higher	250	1000	PASS
Cycles	10	10	10	
Apply a vertical downward force using the loading pad anywhere on the top that is likely to cause a failure, but not less than 100 mm from any edge. If the table tends to overturn gradually, move the loading point towards the centre of the table until this tendency ceases. Repeat for the cycles specified.				
EN 1730:2012, 6.3.2 Additional vertical static load test where the main surface has a length > 1 600 mm				
	<input type="checkbox"/> Delicate tables	<input type="checkbox"/> Small tables	<input checked="" type="checkbox"/> All other tables	
Test force, N				
a) main surface for tables with a height less than or equal to 600 mm	-	1000	-	
b) main surface for tables with a height greater than 600 mm	-	250	1000	NA
Cycles	-	10	10	
Apply two vertical downward forces simultaneously using the loading pad at points positioned on the longitudinal axis of the table top, 400 mm on either side of the transversal axis. Repeat for the cycles specified.				
EN 1730:2012, 6.3.3 Vertical static load on ancillary surface				
	<input type="checkbox"/> Delicate tables	<input type="checkbox"/> Small tables	<input checked="" type="checkbox"/> All other tables	
Test force, N	-	-	200	
Cycles	-	-	10	NA
Apply a vertical downward force using the loading pad anywhere on the ancillary surface that is likely to cause a failure, but not less than 100 mm from any edge. If the article tends to overturn, load the main table top gradually to prevent overturning. Repeat for the cycles specified.				



Test and Requirements				Test Results
EN 1730:2012, 6.4.1 & 6.4.2 Horizontal durability test				
	<input type="checkbox"/> Delicate tables	<input type="checkbox"/> Small tables	<input checked="" type="checkbox"/> All other tables	PASS
Test force F _{a,d} , N	-	150	300	
Specified mass, kg	-	50	50	
Cycles	-	5000	10000	
Place the specified mass on the table top on an area of (300 ± 50) mm x (300 ± 50) mm, or a diameter of (300 ± 50) mm, at the point most likely to prevent the table lifting off the floor.				
Apply two alternating horizontal forces at the table top level by means of two loading pads, one at one end of the table 50 mm from one corner/edge, a, and one at the opposite end/edge, b.				
Repeat the procedure at the other corner positions, c and d.				
Carry out the test for the number of cycles specified.				
EN 1730:2012, 6.5 Vertical durability test for cantilever or pedestal tables				
	<input type="checkbox"/> Delicate tables	<input type="checkbox"/> Small tables	<input checked="" type="checkbox"/> All other tables	NA
Test force, N	-	300	300	
Cycles	-	2000	10000	
Apply the vertical force specified by means of the loading pad, on the table top at the most adverse position, 100 mm from the table top edge.				
If the article tends to lift, load the centre of the main table top with a mass sufficient to prevent overturning.				
Carry out the test for the number of cycles specified.				
EN 1730:2012, 6.6.1 & 6.6.3 Vertical impact test for tables without glass in their construction				
	<input type="checkbox"/> Delicate tables	<input type="checkbox"/> Small tables	<input checked="" type="checkbox"/> All other tables	PASS
Drop height, mm	-	140	180	
Cycles	-	10	10	
Place one layer of foam on the table top.				
The height of drop shall be measured from the position where the impactor is resting on the surface of that layer of foam. Place a second layer of foam between the striking surface and the table top.				
Allow the vertical impactor to fall freely from the height specified onto the foam surface at the following positions:				
- as close as possible to one point of support of the top but not less than 100 mm from any edge;				
- 100 mm from the edge of the top as far away from the supports as possible;				
- 100 mm from the edges at one corner.				



Test and Requirements				Test Results
EN 1730:2012, 6.6.1 & 6.6.2 (EN 14072:2003, clause 6) Vertical impact test for tables with glass in their construction – Safety glass				
	<input type="checkbox"/> Delicate tables	<input type="checkbox"/> Small tables	<input checked="" type="checkbox"/> All other tables	NA
Drop height, mm	-	140	180	
Cycles	-	10	10	
Place a piece of polyurethane foam on the glass surface. With the impactor resting on the foam, adjust the fall height. Let the impactor fall freely through the specified height onto the glass on those following positions and for the number of times specified.				
<ul style="list-style-type: none">- as close as possible to one point of support of the top but not less than 100 mm from any edge;- 100 mm from the edge of the top as far away from the supports as possible;- 100 mm from the edges at one corner.				
EN 1730:2012, 6.6.1 & 6.6.2 (EN 14072:2003, clause 6) Vertical impact test for tables with glass in their construction – Other glass				
	<input type="checkbox"/> Delicate tables	<input type="checkbox"/> Small tables	<input checked="" type="checkbox"/> All other tables	NA
Drop height, mm	100	180	240	
Cycles	10	10	10	
Place a piece of polyurethane foam on the glass surface. With the impactor resting on the foam, adjust the fall height. Let the impactor fall freely through the specified height onto the glass on those following positions and for the number of times specified.				
<ul style="list-style-type: none">- as close as possible to one point of support of the top but not less than 100 mm from any edge;- 100 mm from the edge of the top as far away from the supports as possible;- 100 mm from the edges at one corner.				
EN 1730:2012, 6.8 Durability of tables with castors				
	<input type="checkbox"/> Delicate tables	<input type="checkbox"/> Small tables	<input checked="" type="checkbox"/> All other tables	NA
Specified load, kg	-	20	20	
Cycles	-	1000	1000	
At least one castor shall be run over obstacles at a mean speed of 0,2 m/s for a distance of one metre.				
At the end of one metre the direction of travel shall be reversed and the castor shall return to the starting point. This cycle shall be repeated until the castors have been running for 2 min.				
There shall be a cooling period of 2 min before the next 2 min test run is started.				
The procedure shall be repeated until the specified number of cycles has been completed. One cycle consists of one movement forwards and backwards.				



Test and Requirements				Test Results
EN 1730:2012, 7.1 and 7.2 Stability under vertical load				
	<input type="checkbox"/> Delicate tables	<input type="checkbox"/> Small tables	<input checked="" type="checkbox"/> All other tables	PASS
Test force, N:				
Main surface				
V ₁	200	200	200	
V ₂	200	400	400	
Ancillary surface				
V ₁	-	-	100	
V ₂	-	-	200	
Measure the longest dimension of the table top. Apply the specified vertical load 50 mm from the outer edge of the table top on that side where the load is most likely to cause overturning as far away from the supports as possible.				
Note:				
<div>1. For tables that are or can be set to a height greater than 950 mm, tested according to 7.2.2 using 50 % of the specified vertical load.</div> <div>2. For delicate table, only apply to the unit with a height to the top surface ≥ 600 mm above the floor and where the weight of the unloaded table is more than 10 kg.</div>				
Table 2 — Determination of vertical load				
Longest dimension, L, of the table top in the overturning direction		Vertical load V		
0 mm - < 800 mm		V ₁		
800 mm – 1 600 mm		$V_2 - (V_2 - V_1) \times \frac{(1600 - L)}{800}$		
> 1 600 mm		V ₂		
EN 12521:2023, 5.5.3 Stability for tables with extension elements				
	<input type="checkbox"/> Delicate tables	<input type="checkbox"/> Small tables	<input checked="" type="checkbox"/> All other tables	NA
Test force, N	-	-	200	
Load each extension element with the load specified.				
Extension elements shall be opened across the full width of the table. Extension elements shall be fully opened, except where there are no open stops in which case they shall be opened to two thirds of the internal length. Only one extension element in each vertical line of extension elements shall be opened so as to produce the configuration most likely to cause overturning.				
The table shall not overturn when the vertical force specified is applied at the centre of the front of the table, through a loading pad, 50 mm from the edge.				
Extension elements designed for suspended filing only: 1.25 kg/dm ³				
Other extension elements: 0.2 kg/dm ³				



Test and Requirements				Test Results
EN 1730:2012, 8 Durability of height adjustment mechanisms				
	<input type="checkbox"/> Delicate tables	<input type="checkbox"/> Small tables	<input checked="" type="checkbox"/> All other tables	
Total mass on the table:	Without load	Manufacturer's recommended / nominal load or 25 kg, whichever is greater.	Manufacturer's recommended / nominal load or 50 kg, whichever is greater.	
Total number of cycles	1000	5000	5000	NA
<p>A. First 25 % of cycles: 40 % of mass at 200 mm from the front and side edges. The remaining mass shall be at the geometric centre of the table top;</p> <p>B. Next 50 % of cycles: 100 % of the mass at the geometric centre of the table top;</p> <p>C. Last 25 % of cycles: 40 % of the mass positioned at a rear corner 200 mm from the rear edge and the side edge. The remaining mass shall be at the geometric centre of the table top.</p> <p>The table shall be cycled its total vertical travel and return in each cycle.</p>				
<p>6 Information for use</p> <p>Information for use shall be available in the language of the country in which it will be delivered to the end user. It shall contain at least the following details:</p> <p>a. assembly instructions, where applicable;</p> <p>b. instructions for the care and maintenance of the table.</p> <p>In addition, delicate tables shall be supplied with the following warnings:</p> <p>c. WARNING – Delicate table - Do not sit on the product;</p> <p>d. WARNING – Delicate table - Do not place heavy objects on this product, manufacturers maximum load or 25 kg.</p>				NT

Remark:

1. NA – Not applicable; NT – Not tested as per client's requirement.
2. For the sample information and pictures, please refer to the following page.
3. As per client's requirement, the sample was tested against the wall corner



SAMPLE INFORMATION AND PICTURES

Weight: 47.61kg

Overall Dimensions: 1200mm L x 1070mm W x 780mm H

Other Dimensions: /

Sample as Received

Pic. 1



Pic. 2



Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

End of Report



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