

TESTING
CNAS L5272

TESTING REPORT

APPLICANT : GAZELLE INDUSTRIAL CO.

SAMPLE NAME : Metallic Materials Step Ladder

SPEC. : G5006

RATED LOAD : 250 lbs

DUTY RATING : Heavy-Duty

TEST CATEGORY : Commissioned testing

REPORT No. : WJMJC-20-12-002

THE PERFORMED : Selected test (s) as requested by applicant

Testing Center of Tianjin Jinmao Group CO.,Ltd

Address: Beichen , Tianjin, China

Tel : (86-22) -26662065

Post : 300402

NOTES

- 1 This test report is invalid without the stamp of "Testing Centre of Tianjin Jinmao Group Co., Ltd" and "Testing Centre Testing seal of Tianjin Jinmao Group., Co. Ltd. "
- 2 The report is invalid without the signature of complier, auditor and approver.
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- 4 This report is only responsible for the test part of test sample.
- 5 The report may not be copied without the agreement of testing centre.
- 6 The report shall not be responsible for any impact of the information provided by client on the test results
- 7 If client raises an objection, please submit the objection to testing centre within 15 days from the receipt of report.
- 8 The report is in duplicate, one copy for the testing centre, the other copy for the client.

Testing company: Testing Center of Tianjin Jinmao Group CO.,Ltd

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Testing Center of Tianjin Jinmao Group CO.,Ltd

TESTING REPORT

Report No: WJMJC-20-12-002

Sample Name	Metallic Materials Step Ladder	Sample Number	WJMJC-20-12-002
Applicant	GAZELLE INDUSTRIAL CO.	Origins of the samples	Commissioned Testing
Contact information	DUBAI INVESTMENT PARK 1, OPP. GREEN COMMUNITY WEST, ST. 43 COMMUNITY 598 DUBAI UAE	Date of receipt/sampling	15.12.2020
Number of samples	1 PC	Date of test	18.12.2020
Sample state	Looks good, no damage.	Test environment	Temperature:18°C , Humidity:18%RH
Main testing Equipment	Integrated pressure testing machine(JMJC-J-01) <input checked="" type="checkbox"/> Permanent facilities Testing machine for the bottom of Stile(JMJC-J-03) <input type="checkbox"/> Temporary facilities <input type="checkbox"/> Mobile facilities		
Detection Based on	Ladders portable metal-safety requirements ANSI A14.2:2017 7.5 Step, Trestle (Double Front), Extension Trestle, Platform, Combination, Articulated, Articulated Extendable Ladder and Step Stool Tests		
Test Items	ANSI A14.2:2017 7.5.1/7.5.2/7.5.3/7.5.4/7.5.6/7.5.7/7.5.8/7.5.9/7.5.10.1/ 7.5.11.1/7.5.11.2/7.5.11.3/7.5.12/7.5.13		
Conclusions	Test result(s) please refer to the following page(s) Inspection company (signature)  Date: 21.12.2020		
Remarks			

Formulated by: Lin Mei

Audited by: Fan Zhi Xiang

Approved by: Wang Sheng Jiang

Date: 21.12.2020

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Testing Center of Tianjin Jinmao Group CO.,Ltd

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Executive summary:

No.	Clause	Test items	Test standards	Test results	Single conclusion
1	7.5.1	Compression test	No damage after carried 1000 lbs 1min.	No damage.	Pass
2	7.5.2	Side-rail bending test	No damage after carried 1000 lbs 1min.	No damage.	Pass
3	7.5.3	Step or platform bending test	Permanent deflection $\leq L/100$ Length of Step $L=440\text{mm}$, $f \leq 4.40\text{mm}$	$f=0.35\text{mm}$	Pass
4	7.5.4	Step-to-side-rail shear strength test	No damage after carried 1000 lbs 1min.	No damage.	Pass
5	7.5.5	Bucket (pail)shelf test	No damage after carried 100 lbs 1min.	—	NA
6	7.5.6	Front stability test	Applying 25 lbs pull ,the ladder doesn't tip over.	Not tilt.	Pass
7	7.5.7	Side stability test	Applying 20 lbs pull ,the ladder doesn't tip over.	Not tilt.	Pass
8	7.5.8	Rear stability test	Applying 45 lbs pull ,the ladder doesn't tip over.	Not tilt.	Pass
9	7.5.9	Torsional stability test	Ladders moving distance ≤ 1 inch , permanent deformation $\leq 1/8$ inch.	1mm/0mm	Pass
10	7.5.10.1	Racking test	The maximum lateral displacement $\leq 304.80\text{mm}$	247mm	Pass
11	7.5.11.1	Front rail static cantilever bending test	Permanent deformation $\leq 1/4$ inch	0mm/0mm	Pass
12	7.5.11.2	Rear rail static cantilever bending test	Permanent deformation $\leq 1/4$ inch	1mm/0mm	Pass
13	7.5.11.3	Front and rear rail dynamic drop test	Permanent deformation $\leq 1/4$ inch	0mm	Pass
14	7.5.12	Rail torsion and spreader test	No damage after carried 100 lbs.	No damage.	Pass
15	7.5.13	Step ladder slip test	Ladder moving distance $\leq 1/4$ inch.	0mm	Pass
Remarks		1 foot=304.8 mm 1 inch=25.4mm 1/8 inch=3.175mm 1/4 inch=6.4mm			

Abbreviation P=pass F=fail NT=not tested NC=not conducted as request of the client
 NA=not applicable NI=not included the scope of the accreditation CNAS

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Sample Photo	Report No.: WJMJC-20-12-002
	Sample Name: Metallic Materials Step Ladder
	
Remarks	

End of Report