

TESTING
CNAS L5272

TESTING REPORT

APPLICANT : GAZELLE INDUSTRIAL CO.

SAMPLE NAME : Metallic Materials Step Ladder

SPEC. : G5007

ROTED LOAD : 250 lbs

DUTY RATING : Heavy-Duty

TEST CATEGORY : Commissioned testing

REPORT No. : WJMJC-18-04-009

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. "
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- 6 If client raises an objection, please submit the objection to testing centre within 15 days from the receipt of report.
- 7 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


Address: 980#, Jinwei Road, Beichen District, Tianjin, China

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Report No: WJMJC-18-04-009

Sample's Name	Metallic Materials Step Ladder (G5007)		Sample Number	WJMJC-18-04-009	
Applicant	GAZELLE INDUSTRIAL CO.		Origins of the samples	Commissioned Testing	
Applicant Address	DUBAI INVESTMENT PARK 1, OPP. GREEN COMMUNITY WEST ST. 43 COMMUNITY 598, DUBAI, UAE				
Number of samples	1 PC	Sample state	Looks good, no damage.	Commissioned by date	20.04.2018
Test environment	Temperature:22°C, Humidity:50%RH				
Main testing Equipment	Integrated pressure testing machine(JMJC-J-01) Testing machine for the bottom of Stile(JMJC-J-03)				
Detection Based on	Ladders portable metal -safety requirements ANSI A14.2:2007 7.5 Step Trestle (double Front)、Extension Trestle、Platform、combination Articulated And Step Stool Tests				
Test Items	ANSI A14.2:2007 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	<p style="text-align: center;">PASS</p> <p>Test result(s) please refer to the following page(s)</p> <p>Inspection company (signature)  Date:24.04.2018</p>				
Remarks					

Formulated by: *Liu Mei*

Audited by: *Feng Feng*

Approved by: *Wang Shengjiang*

Date: 24.04.2018

Date: 24.04.2018

Date: 24.04.2018

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 $L=478\text{mm}$, $f \leq 4.78\text{mm}$	$f=1.20\text{mm}$	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.	3mm/0mm	Pass
10	7.5.10.1	Racking test	The maximum lateral displacement $\leq 339.09\text{mm}$	174mm	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 static dynamic drop test	Permanent deformation $\leq 1/4$ inch	2mm	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-18-04-009
	Sample Name: Metallic Materials Step Ladder (G5007)
	
Remarks	

End of Report