



TESTING
CNAS L5272



TESTING REPORT

APPLICANT : GAZELLE INDUSTRIAL CO.

SAMPLE NAME : Metallic Materials Step Ladder

SPEC. : G5010

ROTED LOAD : 250 lbs

DUTY RATING : Heavy-Duty

TEST CATEGORY : Commissioned testing

REPORT No. : WJMJC-18-04-010

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.
- 3 The report is invalid if altered, full-text copy of the report is invalid without the stamp of "Testing Centre of Tianjin Jinmao Group Co., Ltd. "And "Testing Centre Seal of Tianjin Jinmao group Co., Ltd. "
- 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 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

Tel: (86-22) -26662065

Fax: (86-22) -86853460

天津中金瑞集

Testing Center of Tianjin Jinmao Group CO.,Ltd
TESTING REPORT

Report No: WJMJC-18-04-010

| | | | | | |
|------------------------|---|--------------|------------------------|----------------------|------------|
| Sample's Name | Metallic Materials Step Ladder (G5010) | | Sample Number | WJMJC-18-04-010 | |
| 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:24°C, Humidity:60%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 style="text-align: center;">检测专用章</p> <p>Test result(s) please refer to the following page(s) Inspection company (signature) _____ Date: 25.04.2018</p> | | | | |
| Remarks | | | | | |

Formulated by: Liu Mei

Audited by: Feng Feng

Approved by: Wang Shengjiang

Date: 25.04.2018

Date: 25.04.2018

Date: 25.04.2018

Testing Center of Tianjin Jinmao Group CO.,Ltd
TESTING REPORT

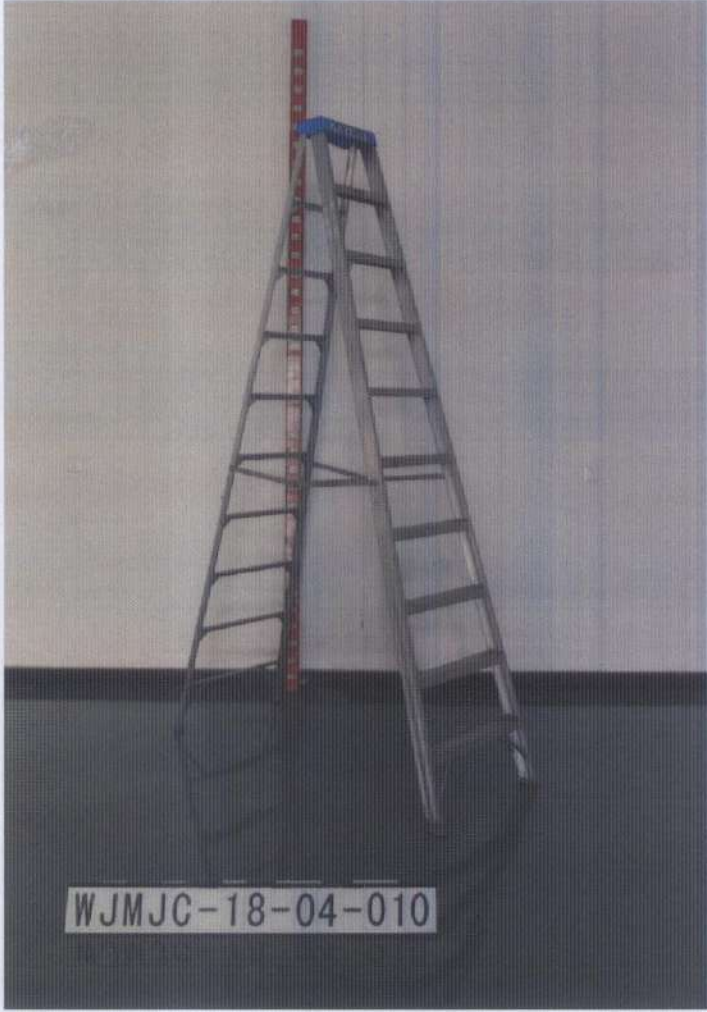
Report No: WJMJC-18-04-010

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 $L=590\text{mm}$, $f \leq 5.90\text{mm}$ | $f=1.50\text{mm}$ | 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. | 4mm/1mm | Pass |
| 10 | 7.5.10.1 | Racking test | The maximum lateral displacement $\leq 441.96\text{mm}$ | 287mm | Pass |
| 11 | 7.5.11.1 | Front rail static cantilever bending test | Permanent deformation $\leq 1/4$ inch | 1mm/0mm | Pass |
| 12 | 7.5.11.2 | Rear rail static cantilever bending test | Permanent deformation $\leq 1/4$ inch | 0mm/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

Testing Center of Tianjin Jinmao Group CO.,Ltd
TESTING REPORT

| | |
|---|--|
| Sample Photo | Report No.: WJMJC-18-04-010 |
| | Sample Name: Metallic Materials Step Ladder (G5010) |
|  | |
| Remarks | |



End of Report