

Test Report

LOADING TEST

Modular Bridge Handle (Door)

Sample Name: Handle
Part Number: BH-02
BH-MID-##, BH-END-##, BH-PIPE-366

Report Job No#: IS1025E0602R
Test Date: 25/05/2025
Test Standard: GB/T 25293-2010 | GB/T 228.1-2021

Approved by:

黄志鑫

DISCLAIMER:

The enclosed document is derived from original test reports and certificates carried out by the manufacturer and/or independent lab facilities. The contents of this report are meant for information purposes only relating to product & material quality, industry standards and/or guidelines. The contents of this report should not be used for advertisement, evidence or litigation purposes.

1. Test Information

| | | | |
|------------------------------|---|--|--|
| Sample Name | Handle | Part Number | BH-02, BH-MID-##, BH-END-## BH-PIPE-366 |
| Material | Q235 | Finish | Powder Coated |
| Sample Status | Finished product (in good condition) | Quantity | 2 |
| Entrusting Department | Sales Department | Production Date/ Batch Number | 2025-05-06 |
| Commission Number | IS1025E0602 | Sample Reception Date | 2025-05-22 |
| Test Date | 2025-05-25 ~ 2025-05-25 | | |
| Test Item | Loading Test | | |
| Test Location | Manufacturer Supplied Testing Facility | | |

2. Test Conclusion

| Test Item | Test Standard/ Judgment Basis | Test Requirement | Conclusion |
|--------------------|----------------------------------|--|-------------|
| 1 Loading Test | GB/T 25293-2010;GB/T 228.1-2021; | Fix the handle with ending base and middle base on the door plate, and apply a pulling force from the middle point of each side of the tube to test the ultimate pulling force value that the handle can withstand.c | No judgment |
| 2. Loading Test | GB/T 25293-2010;GB/T 228.1-2021; | Fix the handle with only the ending base on the door plate, and apply a pulling force from the middle point of the tube to test the ultimate pulling force value that the handle can withstand. | No judgment |

3. Test Results

3.1. Loading Test

3.1.1. Test Equipment Information :

| Device Name | Part Number | Serial Number | Calibration Date | Next Calibration Date |
|---|-------------|-------------------|------------------|-----------------------|
| Servo Computer Universal Material Testing Machine | TH-82001S | YK-LAB-21-00 1 | 2024-08-08 | 2025-08-08 |

3.1.2. Sample Quantity : 1pc

3.1.3. Test Method/Standard :

GB/T 25293-2010 Mechanical door lock for cabinets of electrotechnical and electronic equipment 11.1;
GB/T 228.1-2021 Metallic materials—Tensile testing— Part 1 : Method of test at room temperature;

3.1.4. Test Requirement :

Fix the handle with ending base and middle base on the door plate, and apply a pulling force from the middle point of each side of the tube to test the ultimate pulling force value that the handle can withstand.

3.1.5. Test duration : 2025-05-25~2025-05-25


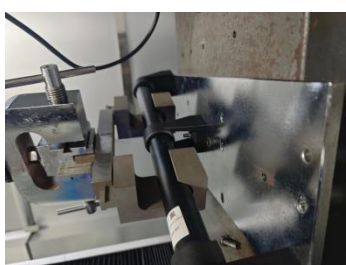
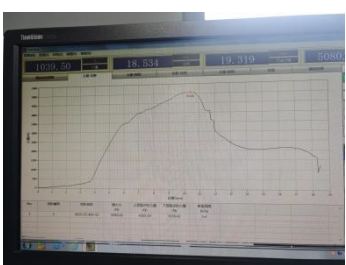

3.1.6. Temperature/℃: 23.7

3.1.7. Humidity/%RH: 60

3.1.8. Test Results :

| Sample No. | Test Result | Conclusion |
|----------------|---|-------------|
| IS1025E0602-01 | After the tube was subjected to a tension force of 5080.83N, the ending base was deformed and the tube slipped out. | No judgment |

3.1.9. Test Record Pictures :

| | | | |
|---|---|--|---|
|  |  |  |  |
| Sample Picture | Test Status | Tension Diagram | Status After Test |

3.2. Loading Test

3.2.1. Test Equipment Information :

| Device Name | Part Number | Serial Number | Calibration Date | Next Calibration Date |
|---|-------------|-------------------|------------------|-----------------------|
| Servo Computer Universal Material Testing Machine | TH-82001S | YK-LAB-21-00 1 | 2024-08-08 | 2025-08-08 |

3.2.2. Sample Quantity : 1pc

3.2.3. Test Method/Standard :

GB/T 25293-2010 Mechanical door lock for cabinets of electrotechnical and electronic equipment 11.1;
GB/T 228.1-2021 Metallic materials—Tensile testing— Part 1 : Method of test at room temperature;

3.2.4. Test Requirement :

Fix the handle with only the ending base on the door plate, and apply a pulling force from the middle point of the tube to test the ultimate pulling force value that the handle can withstand.

3.2.5. Test duration : 2025-05-25~2025-05-25






3.2.6. Temperature /C°: 23.7

3.2.7. Humidity/%RH : 60

3.2.8. Test Results :

| Sample No. | Test Result | Conclusion |
|----------------|---|-------------|
| IS1025E0602-02 | After the tube was subjected to a pulling force of 4079.57, the ending base broke and the tube slipped out. | No judgment |

3.2.9. Test Record Pictures :

| | | | |
|---|---|--|---|
|  |  |  |  |
| Sample Picture | Test Status | Tension Diagram | Status After Test |
|  | - | - | - |
| Status After Test | | | |

4. Report Opinions and Explanations : N/A

5. Declaration :

1. The requirement was extracted from the type of Loading Test in GB/T 25293-2010; GB/T 228.1-2021
2. The above test project/method was carried out by subcontractors

Note: This test report is an English version of test report IS1025E0602R (dated: 25/05/2025)
This report is for reference only.

Unless otherwise stated, this report provides a declaration of conformity according to whether the test results are within the specific limits or specifications without compromising the measurement uncertainty.

End Of Report

*** END OF REPORT ***

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