



METTLER TOLEDO (CHANGZHOU) SCALE & SYSTEM LTD.

METTLER TOLEDO (CHANGZHOU) MEASUREMENT TECHNOLOGY LTD.

METTLER TOLEDO (CHANGZHOU) PRECISION INSTRUMENTS LTD.

QA TEST REPORT NO.:2009/140B

Test Report

Product Name: Load Cell

Model and Size: 0745A

Test Sort: Engineering Test

Applicant: POLC

1. Sample Information

| | |
|---------------------|---|
| Manufacturer | Mettler - Toledo |
| Department | POLC |
| Testing Date | 2009/7/3-2009/7/8 |
| Application No. | - |
| Product Name | Load Cell |
| Model & Size | 0745A-220 |
| Sampling method | delivery |
| Quantity of Sample | 1 |
| Sample Number | KKS3005BA |
| Purpose | Protection against dust and water (IP69K) |
| Reference | IEC60529-2001 DIN40 050 Part9 |
| Other Specification | - |
| Conclusion | PASS |
| Remark | |

Tester: 汪健

Date: 2009/7/8

Checker: 王互東

Date: 2009/7/27

2. IP69K Test

2.1 Description of Test Equipment

| Name of test equipment | Equipment number | Valid until |
|------------------------------|------------------|-------------|
| Dust test chamber | Ru01-18 | 2010/1/13 |
| High pressure water jet test | MR-50301216 | - |

2.2 Test Condition

2.2.1 IP6X

Testing dust : 50 µm dry talcum powder
 Density of dust : 2 kg/m³
 Temperature : 23±5 °C
 Humidity : 25% ~ 75% RH
 Pressure : 2 kg/m³

Blow the dust of time : 8 hours

2.2.2 IPX9K

Rotation : 5 per minute
 Angle : 0/30 °/60 °/90 °
 Distance : 100~150mm
 Water flow : 14~16 L/min
 Water pressure : 10 Mpa
 Water temperature : 80 °C
 Time of duration : 30 seconds at each position

2.2.3 Testing process

First test IP6X, then to IPX9K

2.3 Summary of Test

For IP6X : In accordance with the IP6X test method, load cell Span change (0.008%) within maximum permissible error and the zero drift is 0.012%.

For IPX9K : In accordance with the IPX9K test method, load cell Span change (0.008%) within maximum permissible error and the zero drift is 0.012%.

3. Attachment: Testing Photos



Fig.1 Sample photo