2018AF1367

# Type -Examination Report of Special Equipment
# LIFT

| | |
|---|---|
| Product category | Lift safety protection device |
| Equipment Type | Unintended Car Movement Protection Braking subsystem |
| Product name | Traction machine brake |
| Model/Type | BLB |
| Manufacturer | SHENYANG BLUELIGHT DRIVE TECHNOLOGY CO.,LTD |
| Applicant | SHENYANG BLUELIGHT DRIVE TECHNOLOGY CO.,LTD |

**SHENZHEN INSTITUTE OF SPECIAL EQUIPMENT INSPECTION AND TEST**
**GUANGDONG STATION OF ELEVATOR QUALITY SUPERVISION AND TEST**

**TYPE-EXAMINATION REPORT of**
**SPECIAL EQUIPMENT**
**(LIFT)**

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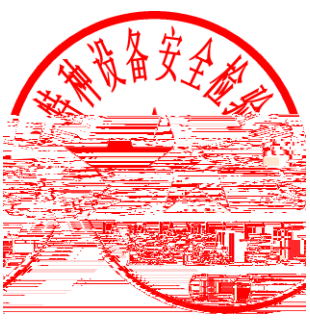

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特种设备安全监察

## 2. Technical documents check and results

| No. | Project code | Items | Results | Conclusions |
|---|---|---|---|---|
| 1 | T5.1 | Certificate and related technical documents | Completed | Passed |
| 2 | T5.2 | Main structure parameter | Completed | Passed |

| | | | | |
|---|---|---|---|---|
| No. | | | | |

3

3.2 Test Data and Chart

1 Test Data

Test data of maximum quality working condition

| Test parameters | Rated load(kg) | Mass of car side(kg) | Mass of counterweight side (kg) | No-load system mass(kg) | Test speed (m/s) | Traction ratio |
|---|---|---|---|---|---|---|
| | | | | | | |

| No-load car ascending | | | | |
|---|---|---|---|---|
| Item | Actual test speed (m/s) | Braking torque N.m | Stopping distance (mm) | Response time (ms) |
| 1st | | | | |
| 2nd | | | | |
| 3rd | | | | |
| 4th | | | | |
| 5th | | | | |
| Average | | | | |
| Maximum deviation (%) | | | | |

| Full load car downward | | | | |
|---|---|---|---|---|
| Item | | | | |

227.69 591.94

Test data of minimum quality working condition

| Test parameters | Rated load(kg) | Massof car side(kg) | Mass of counterweigh side (kg) | No-load syster mass(kg) | Test speed (m/s | Traction ratio |
|---|---|---|---|---|---|---|
| | | | | | | |

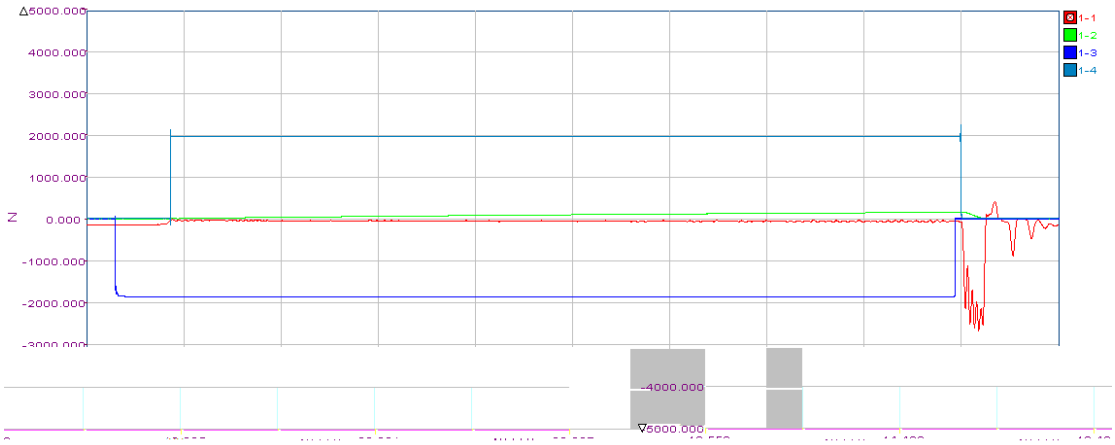
No-load car ascending

| Item | Actual test spee (m/s) | Braking torque N.m | Stopping distance (mm) | Response time (ms |
|---|---|---|---|---|
| 1st | | | | |
| 2nd | | | | |
| 3rd | | | | |
| 4th | | | | |
| 5th | | | | |
| Average | | | | |
| Maximum deviation (%) | | | [redacted] | |

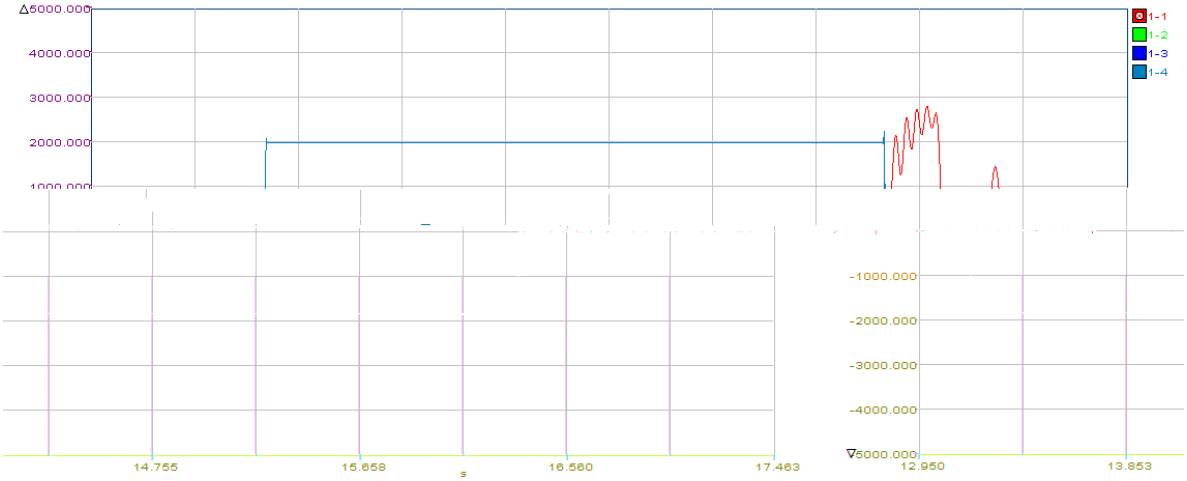
Full load car downward

| Item | Actual test spee (m/s) | Braking torque N.m | Stopping distance (mm) | Response time (ms |
|---|---|---|---|---|
| 1st | | | | |
| 2nd | | | | |
| 3rd | | | | |
| 4th | | | | |
| 5th | | | | |
| Average | | [redacted] | | |
| Maximum deviation (%) | | | | |

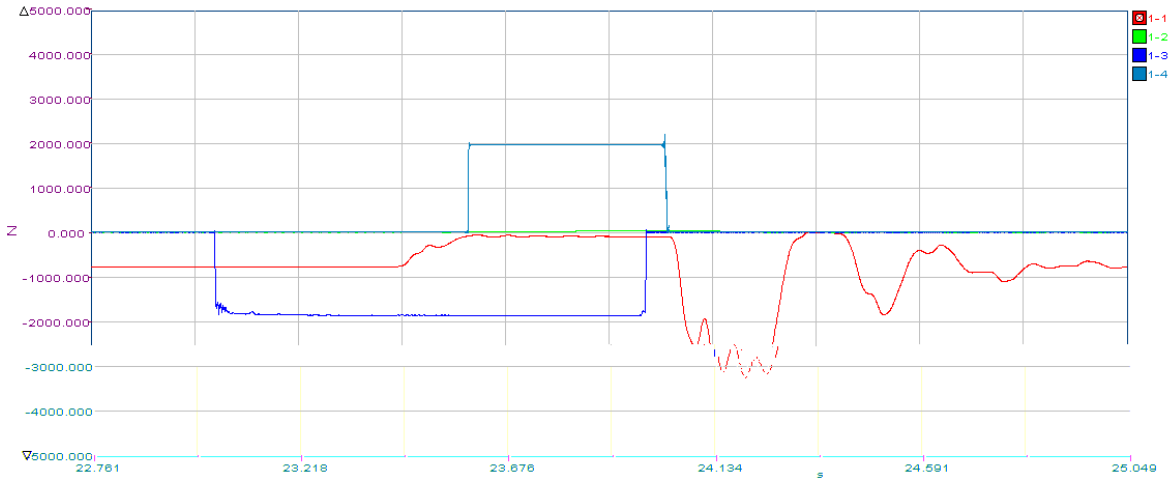
(3) No-load car ascending of minimum quality working condition



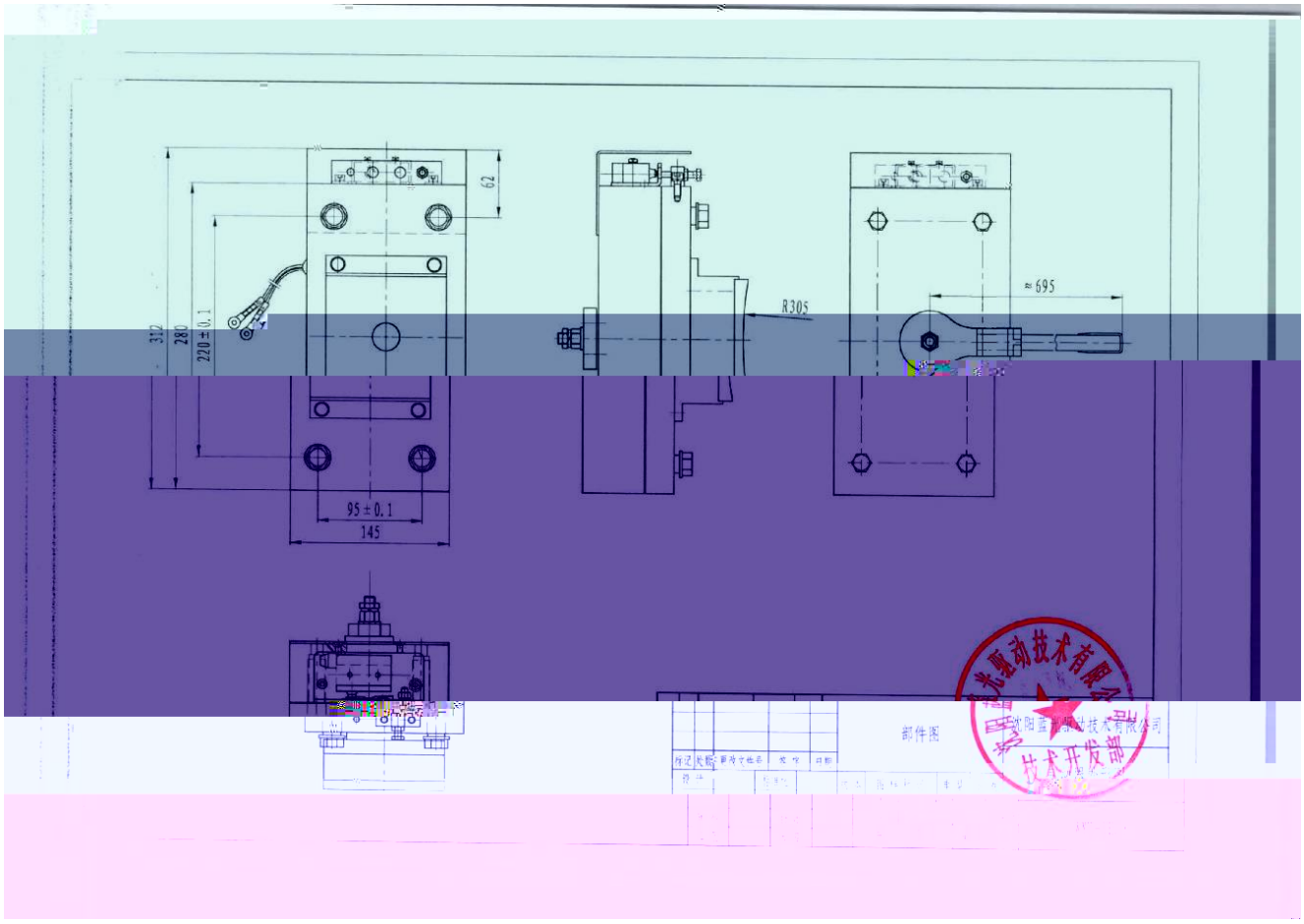

(4) Full load car downward of minimum quality working condition

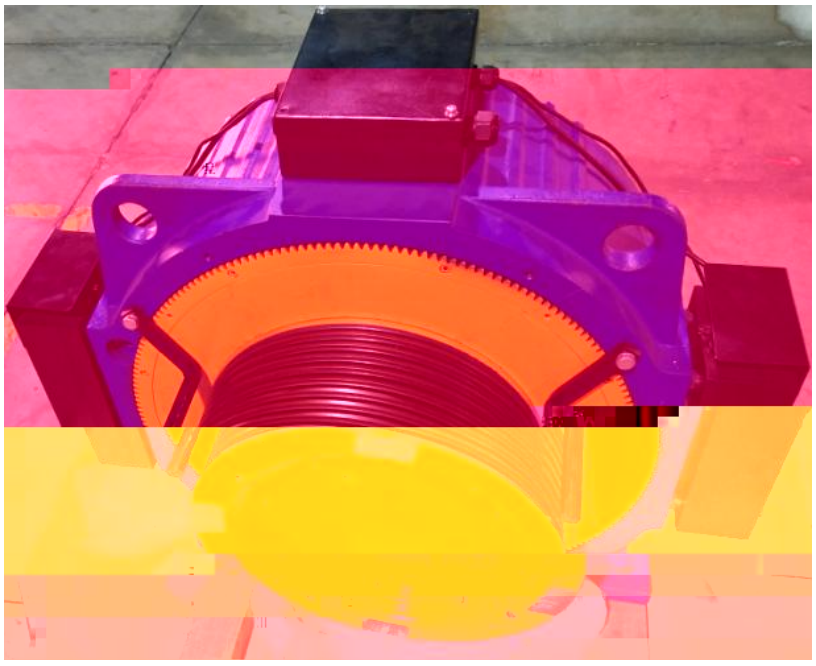



(5) Field inspection speed condition



3.3 Sample Photo and drawing



# 4. Changes of The Type-Examination Report