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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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 (%)				

93M78 463.87 1.44 2.28 ref*393M78 463.87 1.44 2.28re

Full load car downward				
Item				

227.69 591.94

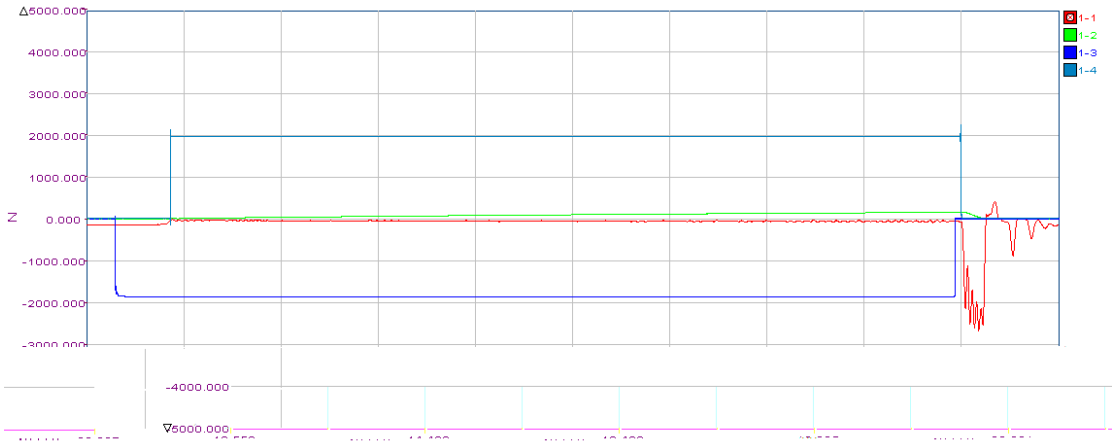
Test data of minimum quality working condition

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

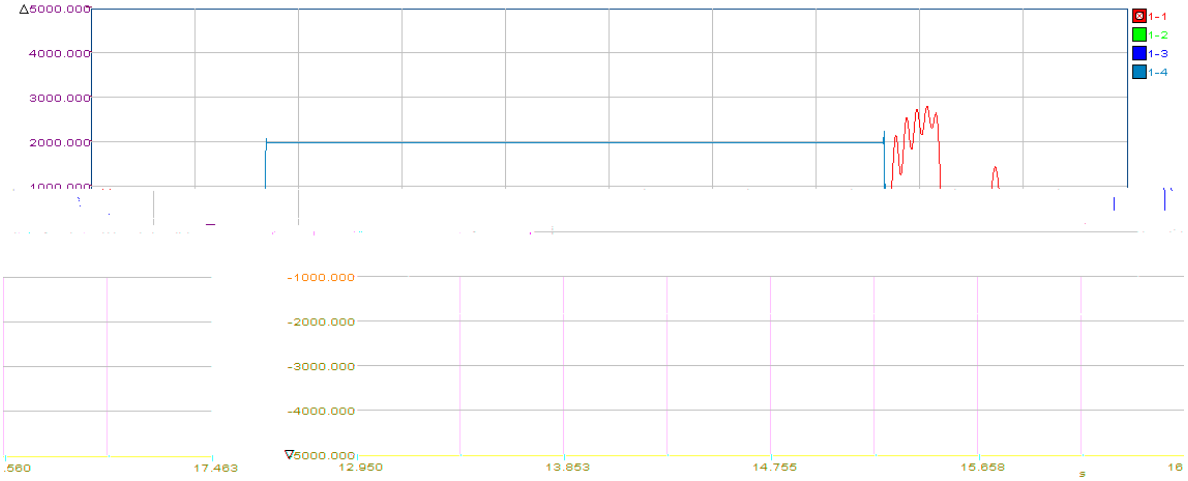
No-load car ascending				
Item	Actual test spee (m/s)	Braking torque N.m	Stopping distance (mm)	Response time (ms
1st				
2nd				
3rd				
4th				
5th				
Average				
Maximum deviation (%)				

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				
Maximum deviation (%)				

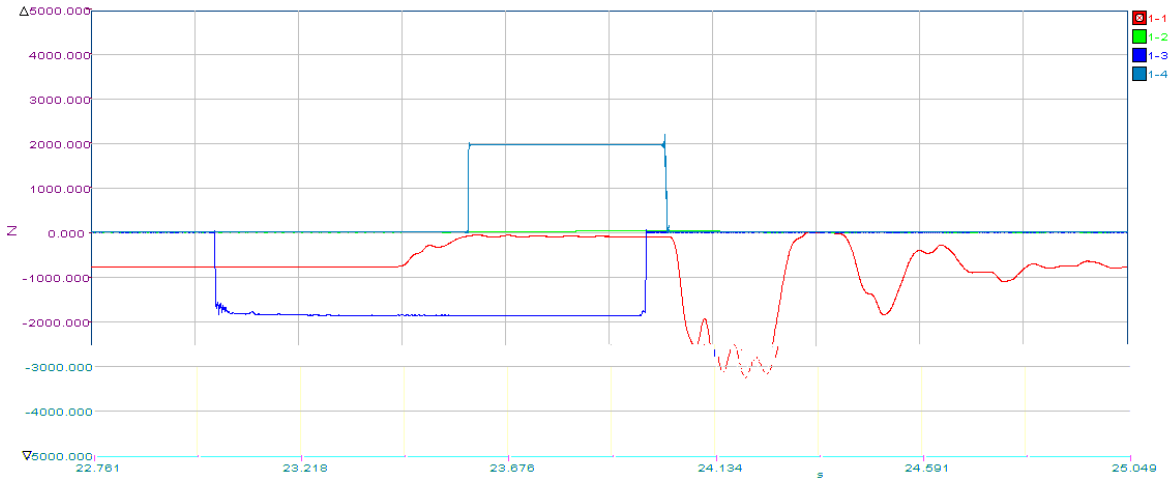
(3) No-load car ascending of minimum quality working condition



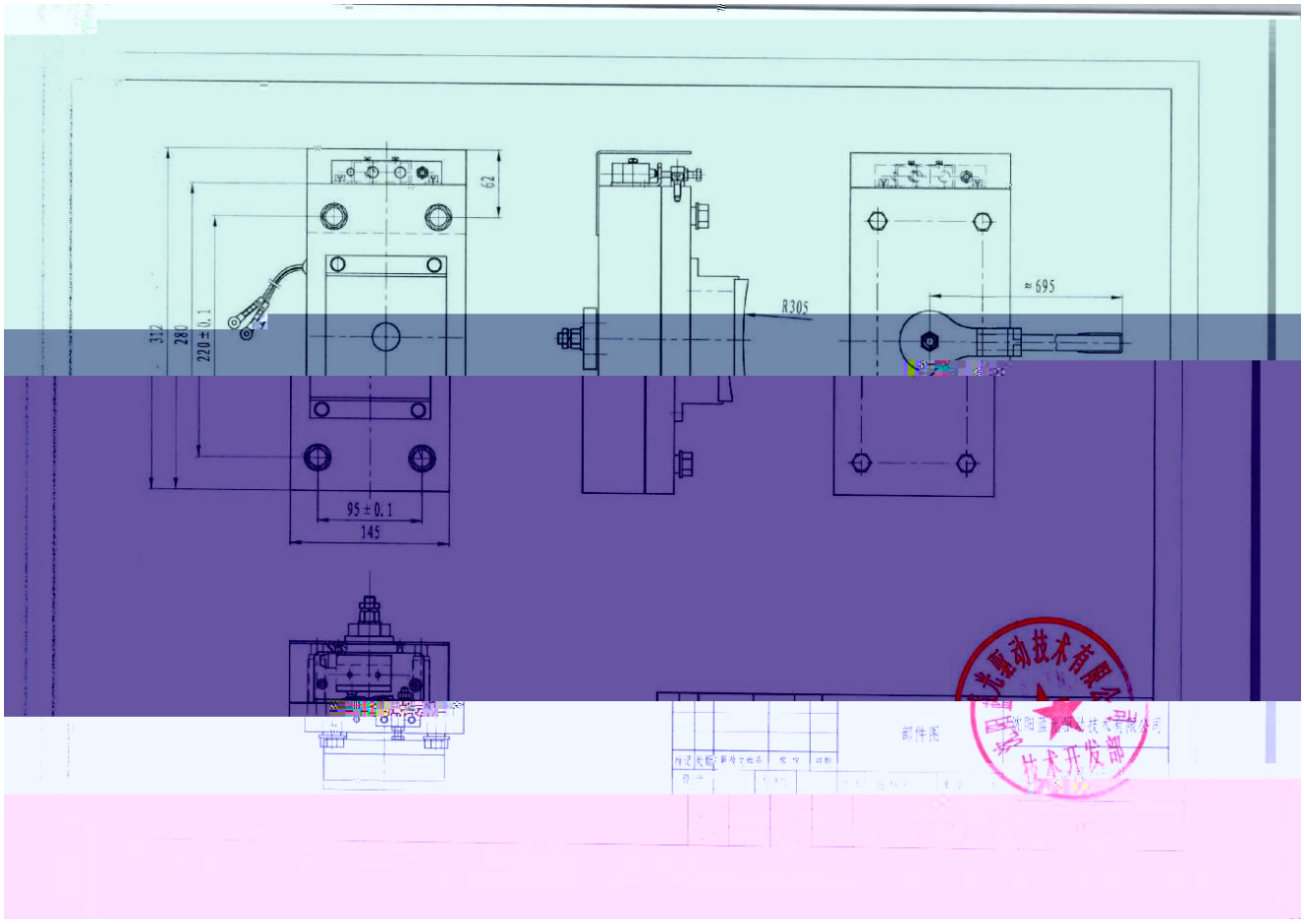
(4) Full load car downward of minimum quality working condition

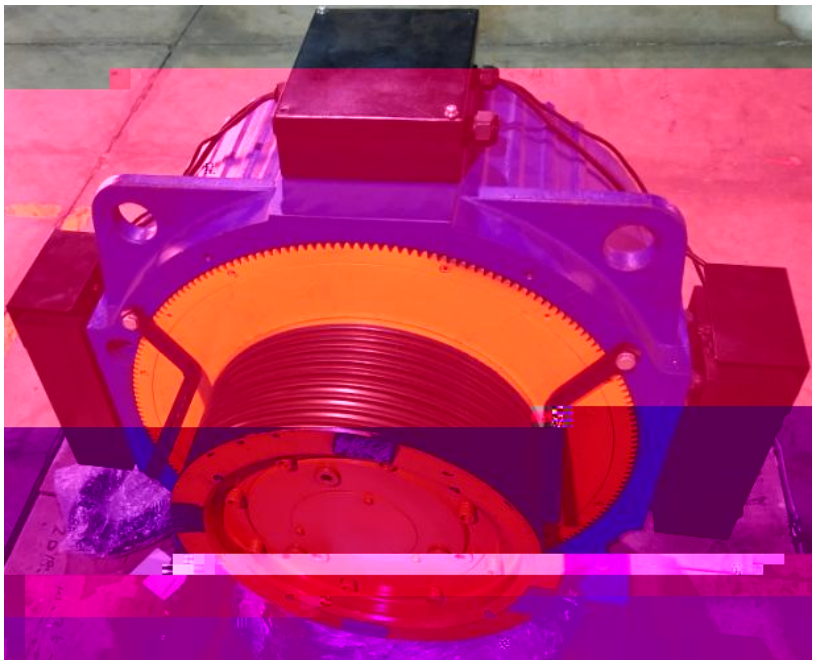


(5) Field inspection speed condition



3.3 Sample Photo and drawing





4. Changes of The Type-Examination Report