



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)**

CONTENTS

Conclusive report of the Type-Test	Page 1
1. Sample Configuration and Technical Data	Page 2
2. Technical Documents Review	Page 3
3. Sample Check and Testing	Page 3
4. Changes of the Type-Examination Report	Page 10

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

2018AF1367

Page 3 of 11

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

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

2018AF1367

Page 4 of 11

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

2018AF1367

Page 6 of 11

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)	
	1 st					
	2 nd					
	3 rd			93M78 463.87 1.44 228 ref*393M78 463.87 1.44 2.28		
	4 th					
	5 th					
	Average					
	Maximum deviation (%)	2			6	
Full load car downward						

Item 227.69 591.94

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

2018AF1367

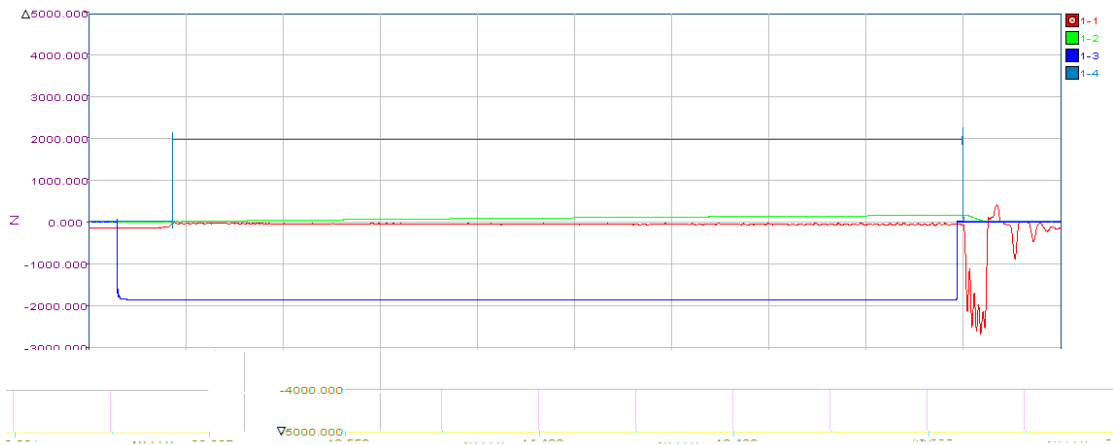
Page 7 of 11

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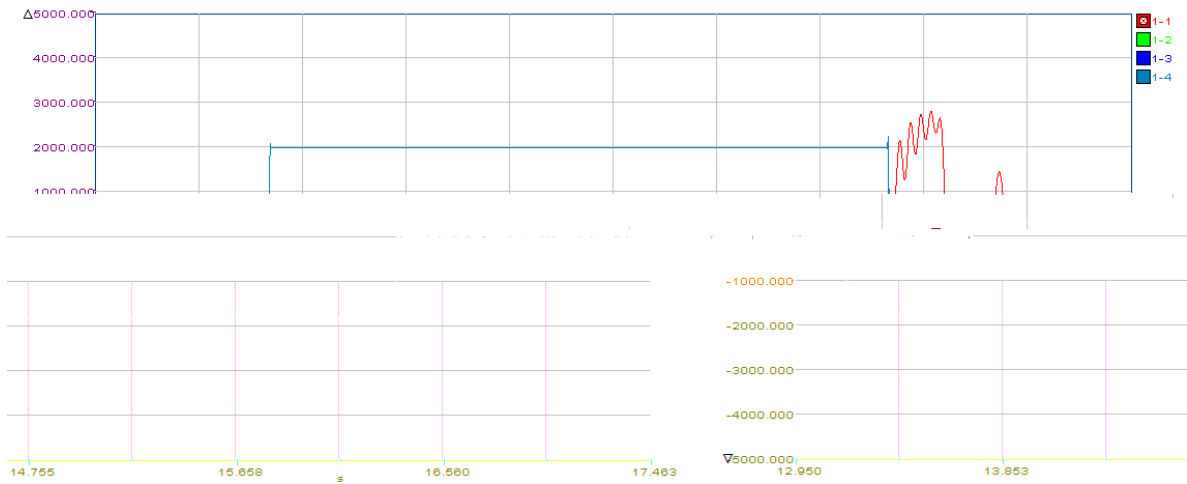
Test data of minimum quality working condition

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)		
1 st						
2 nd						
3 rd						
4 th						
5 th						
Average						
Maximum deviation (%)						
Full load car downward						
Item	Actual test speed (m/s)	Braking torque N.m	Stopping distance (mm)	Response time (ms)		
1 st						
2 nd						
3 rd						
4 th						
5 th						
Average						
Maximum deviation (%)						

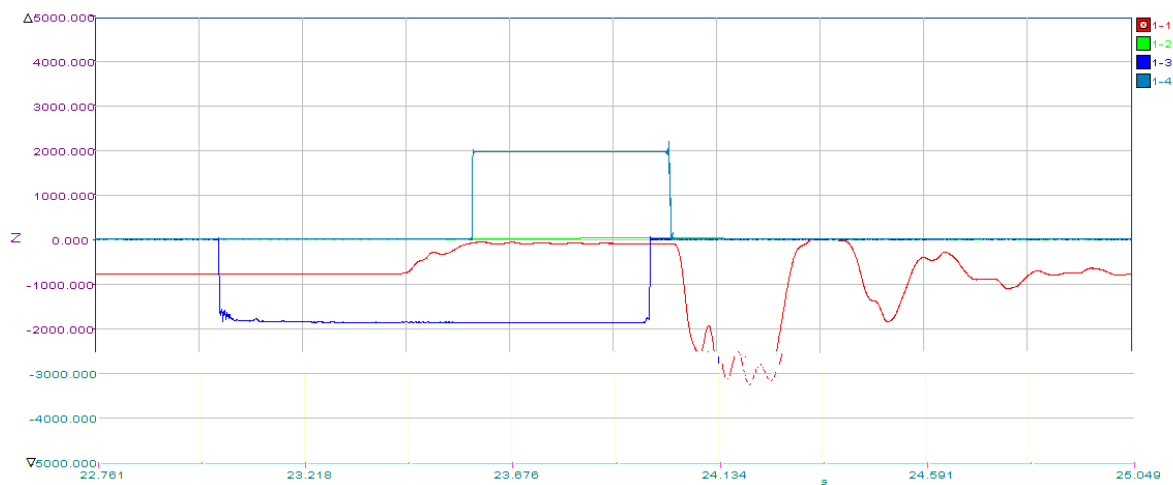
(3) No-load car ascending of minimum quality working condition



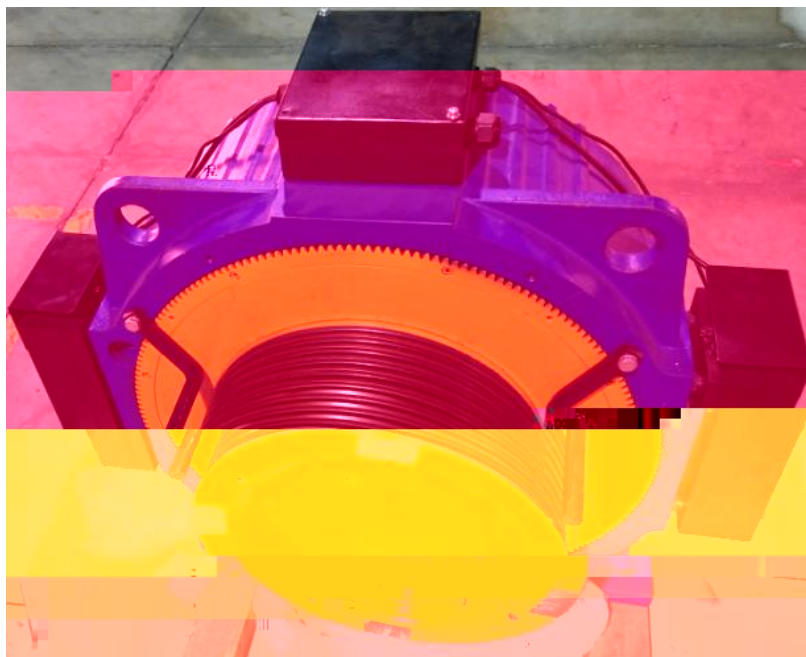
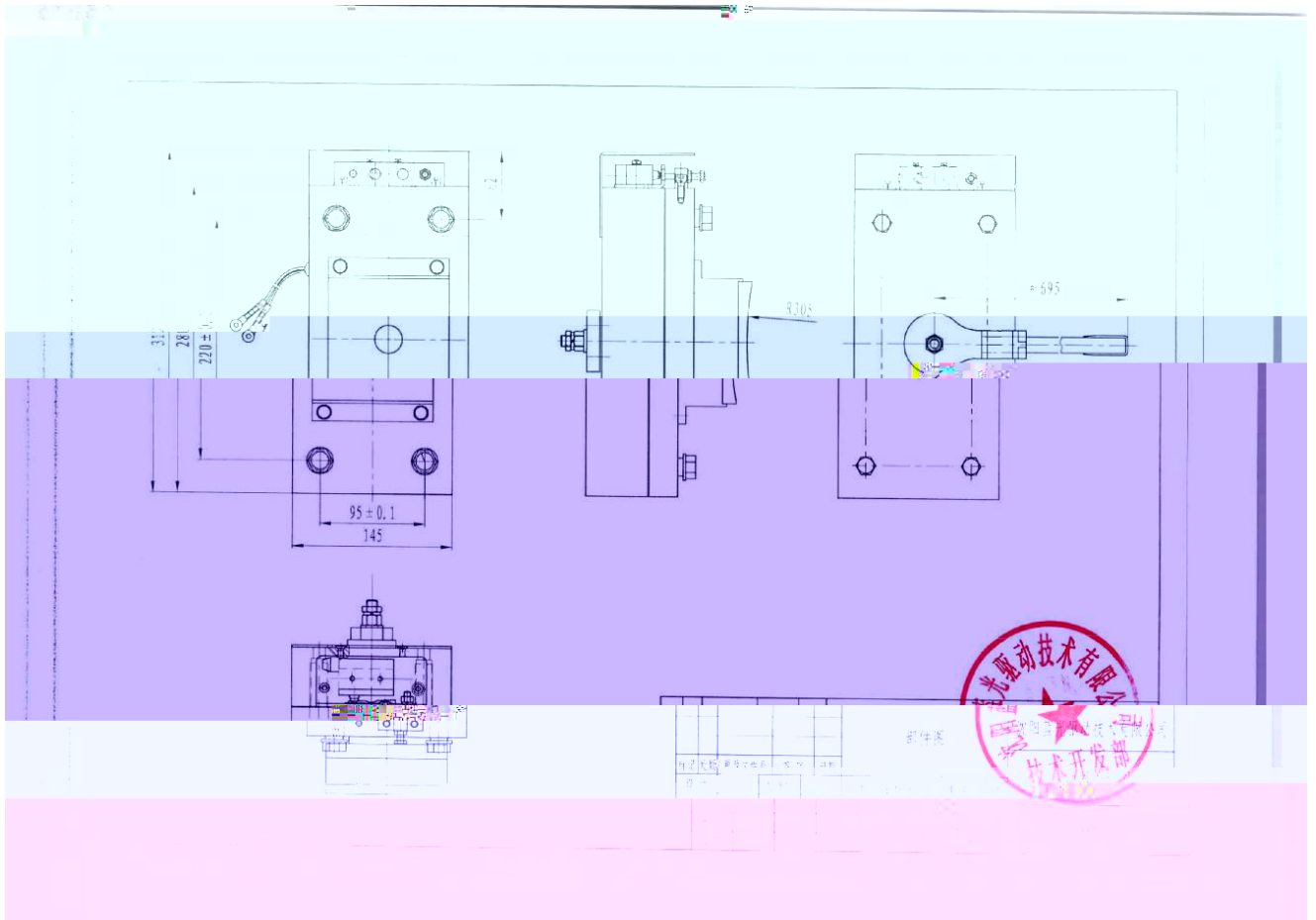
(4) Full load car downward of minimum quality working condition



(5) Field inspection speed condition



3.3 Sample Photo and drawing



4. Changes of The Type-Examination Report