Report No. 2021AF1324

TYPE-EXAMINATION REPORT OF SPECIAL EQUIPMENT
LIFT

Product category	Lift Safety Protection Device
Equipment Type	Lift Ascending Car Overspeed Protection Means (speed reducing element)
Product name	Traction machine brake
Model/Type	DZE



TYPE-EXAMINATION REPORT of

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[redacted]

TYPE-EXAMINATION REPORT of SPECIAL EQUIPMENT (LIFT)

Equipment Name	Lift Ascending Car Overspeed Protection Means (speed reducing element)		
Product Name	Traction machine brake	Product Model	DZE
Product No.	Z20211014	Manufacture Date	Aug- 2021
Name of Applicant	SHENYANG BLUELIGHT DRIVE TECHNOLGY CO., LTD.	unified social credit identifier	91210112715754447D
Registered Address of Applicant	NO.37, XINSHIJI ROAD, HUNNAN NEW DISTRICT, SHENYANG, CHINA		
Manufacturer	SHENYANG BLUELIGHT DRIVE TECHNOLGY CO., LTD.		
Manufacturing Address	NO.37, XINSHIJI ROAD, HUNNAN NEW DISTRICT, SHENYANG, CHINA		
Type of Examination	Consistency Verification	Inspection Date	18-Nov-2021
Sample No.	20211066	Sample Status	Normal
Inspection Place	LongHua QingHu Branch of Shenzhen Institute of Quality & Safety Inspection and Research		
Inspection Condition	Temperature: 20 Humidity: 50 %RH		
Standard for Inspection	Regulation for Type Test of Lifts TSG T7007-2016 ,Including No.1 amending list GB 7588 2003 Safety Rules for the Construction and Installation of Electric Lifts Including No.1 amending list EN 81-20:2014 Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 20: Passenger and goods passenger lifts EN 81-50:2014 Safety rules for the construction and installation of lifts -Examinations and tests - Part 50: Design rules, calculations, examinations and tests of lift components		
Conclusion	[redacted] Passed		
Note	Document ID No. XPSQ2021100037AZNBG.		
Inspected by: 肖剑跃 Date: 7-Dec-2021		Agency Approval Number: TS7610038-2025	
Reviewed by: 陈桂洲 Date: 7-Dec-2021		(Stamp) Issued Date: 7-Dec-2021	



TYPE-EXAMINATION REPORT of



TYPE-EXAMINATION



TYPE-EXAMINATION REPORT of
SPECIAL EQUIPMENT
(LIFT)

No.	item code and name	item contents and requirements	Results	Conclusion
3	Q6.3 External Energy			

2. Test Data and Chart

2.1 Test 4 times with the rated speed 0.50m/s, rated load 450kg, system mass 1400kg.

Test No.	The maximum tripping speed (m/s)	The average deceleration (gn)	The maximum deceleration (gn)	The braking distance(mm)
1	0.592	0.243	0.491	74
2	0.636	0.260	0.470	79
3	0.593	0.248	0.441	72
4	0.598	0.263	0.480	69

2.2 Test once with the rated speed 0.50m/s, rated load 1250kg, system mass 4600kg.

Test No.	The maximum tripping speed (m/s)	The average deceleration (gn)	The maximum deceleration (gn)	The braking distance(mm)
1	0.617	0.312	0.534	62

2.3 Test once with the rated speed 4.0m/s, rated load 1250kg, system mass 4600kg.

Test No.	The maximum tripping speed (m/s)	The average deceleration (gn)	The maximum deceleration (gn)	The braking distance(mm)
1	4.932	0.331	0.487	3746

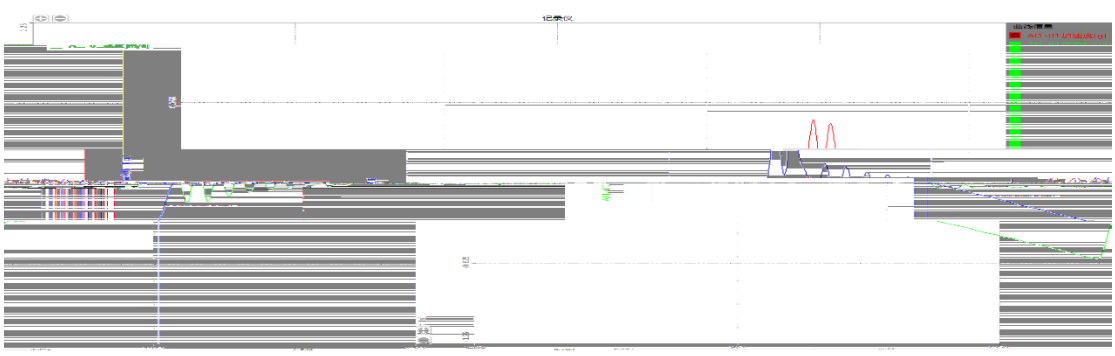
2.4 Test 4 times with the rated speed 4.0m/s, rated load 2000kg, system mass 7800kg.

Test No.	The maximum tripping speed (m/s)	The average deceleration (gn)	The maximum deceleration (gn)	The braking distance(mm)
1	4.932	0.234	0.371	5298
2	5.023	0.242	0.406	5314
3	5.264	0.240	0.418	5885
4	4.883	0.252	0.410	4823

2.5 Stopping Test Curves

1 Test 4 times with the rated speed 0.50m/s, rated load 450kg, system mass 1400kg.

The 1st test





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SPECIAL EQUIPMENT
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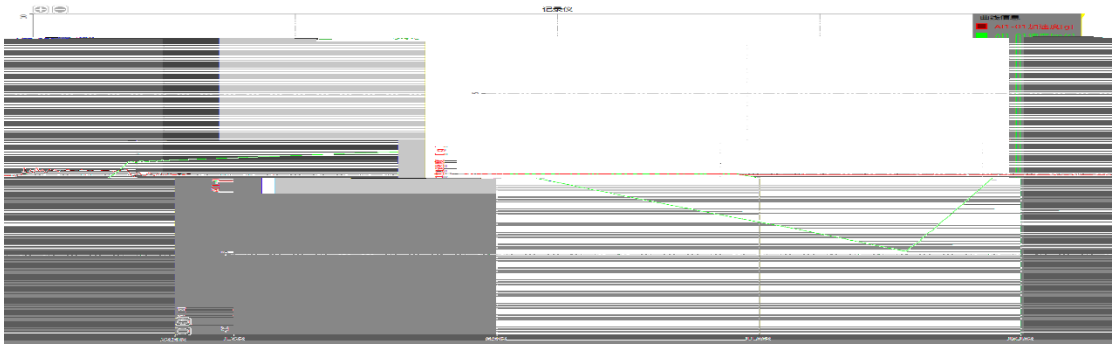
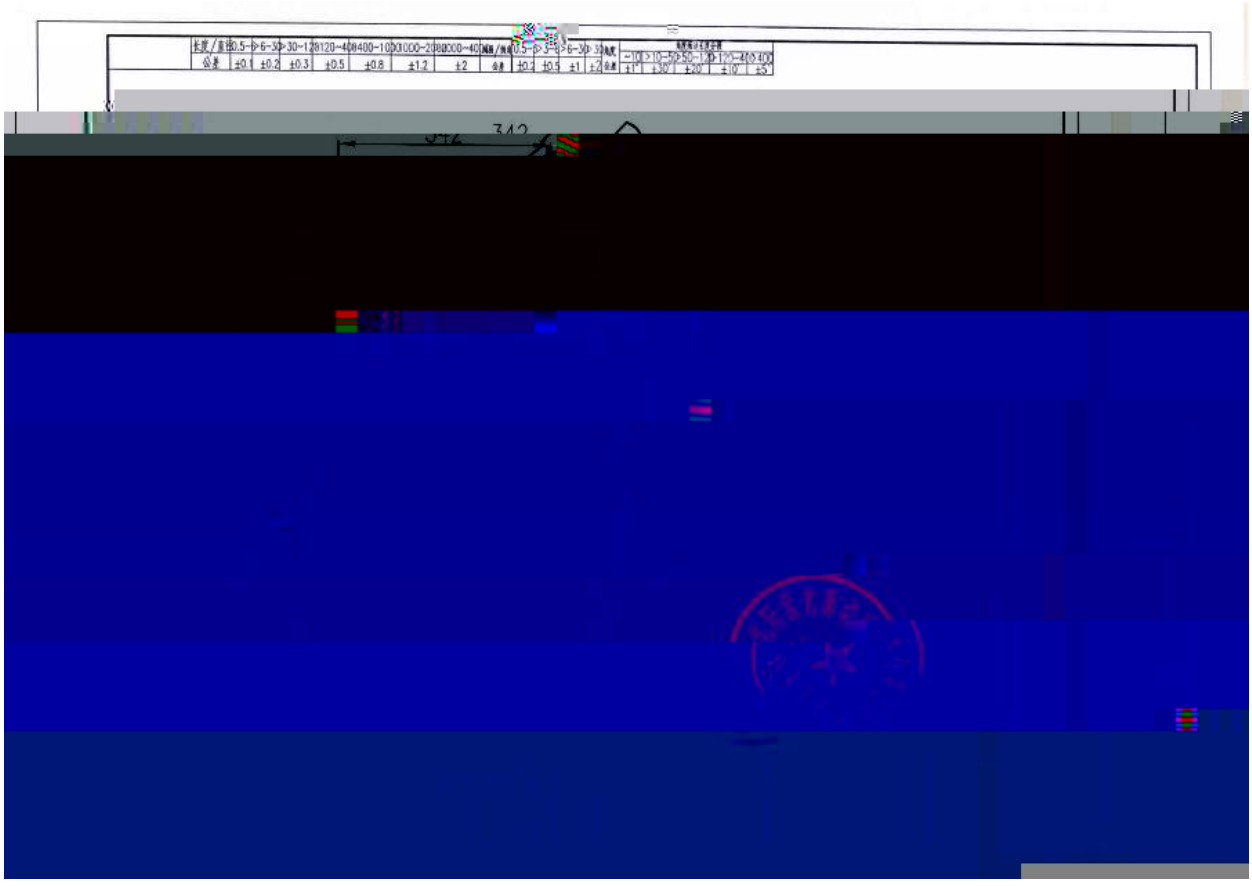
The 4th test



3. Sample Photo and drawing





4 .Additional Information

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4. Changes of The Type-Examination Report

If the name or address of the applicant (or oversea manufacturer) has any change, please submit a change request with related supporting evidence to the previous type-test agency. After confirmation, the agency will indicate the change on the change record page.

The change record see the attached page (If any).

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