Report No. 2021AF1382

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	BLS
Manufacturer	SHENYANG BLUELIGHT DRIVE TECHNOLGY CO., LTD.
Applicant	SHENYANG BLUELIGHT DRIVE TECHNOLGY CO., LTD.

SHENZHEN INSTITUTE OF QUALITY & SAFETY INSPECTION AND RESEARCH

GUANGDONG STATION OF ELEVATOR QUALITY SUPERVISION AND TEST (SHENZHEN)

Notes

1.This report is obtained based in the type-examination compliance with Regulation for Type Tests of Elevators (2016)(TSG T7007-2016,Including No.1 amending list)

2.This report must be printed or filled out in fountain pens/sign pens with neat and clear handwriting, no alternation.

3.The report is invalid if not signed by signature, and it is also invalid without approval number of the type testing body, special seal for report and paging seal.

4. There will be two versions of the report: electronic and printed formats. They are equal in authorities.

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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	BLS
Product No.	S19C0556	Manufacture Date	Nov-2021
Name of Applicant	SHENYANG BLUELIGHT DRIVE TECHNOLGY CO., LTD.	unified social credit identifier	912101127157544447D
Registered Address of Applicant	NO.37, XINSHIJI ROAD, HUNNAN NEW DISTRICT, SHEN,		



TYPE-EXAMINATION REPORT of
SPECIAL EQUIPMENT
(LIFT)

1. Sample configuration and technical data

Equipment Name	Lift ascending car overspeed protection means (speed reducing element)		
Product Name	Traction machine brake	Model/Type	BLS
Working condition	Indoor	Explosive-	



TYPE-EXAMINATION

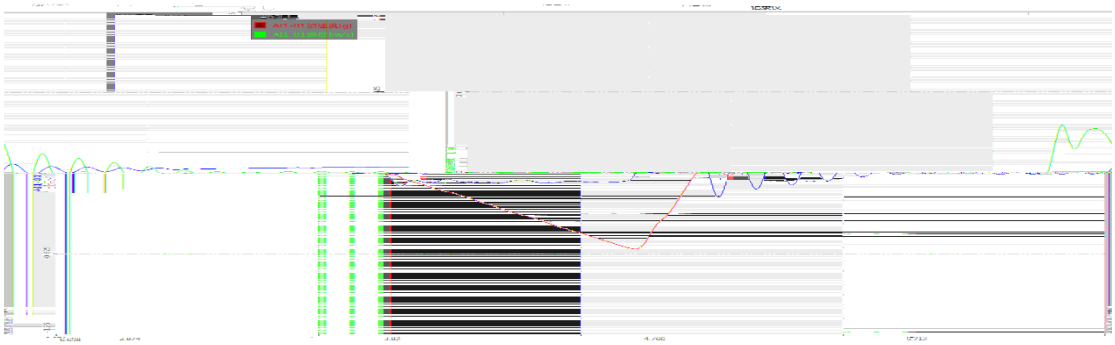
[redacted]

TYPE-EXAMINATION REPORT of
SPECIAL EQUIPMENT
(LIFT)

No.	item code and name	item contents and requirements	Results	Conclusion
3	Q6.3 External Energy	If the means requires external energy to operate, the absence of energy shall cause the lift to stop and keep it stopped. This does not apply for guided compressed springs.	Energy of the brake part guided compressed spring	Passed
4	Q6.4 Electric Safety Device	The means shall operate an electric safety device if it is engaged. Note Q-4: When counterweight overspeed governor-safety gear system is adopted, the electrical safety device can be installed on the counterweight overspeed governor. When traction machine brake is taken as speed reducing element of ascending car overspeed protection means, the electrical safety device can be installed on the speed monitoring element.	Meet the requirements	Passed
5	Q6.5 Release	The release of the means shall not require the access to the car or the counterweight.	Meet the requirements	Passed
6	Q6.6 Triggering Mode	[redacted]	Not applicable	/
7	Q6.7			



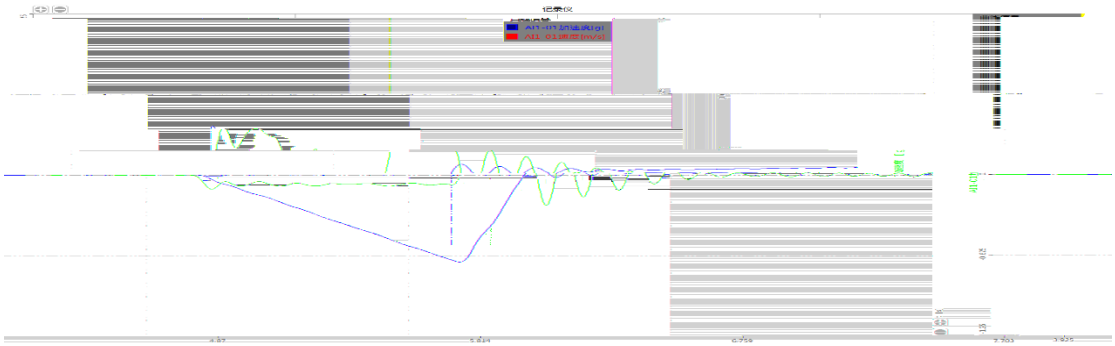
The 2nd test



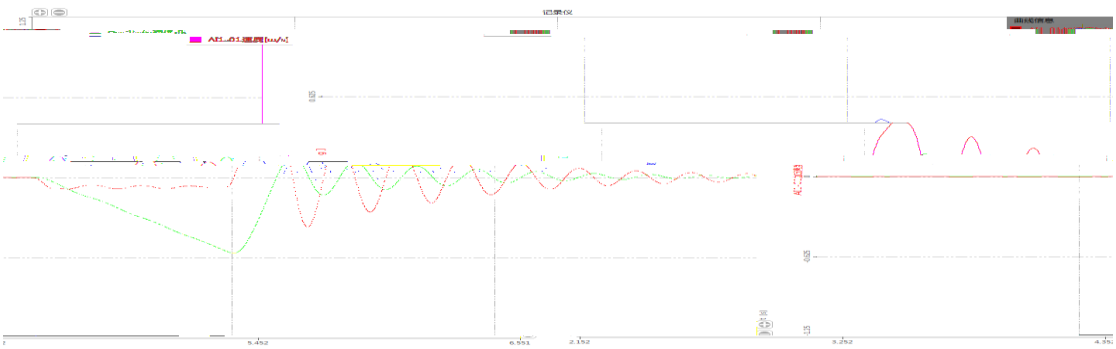
The 3rd test



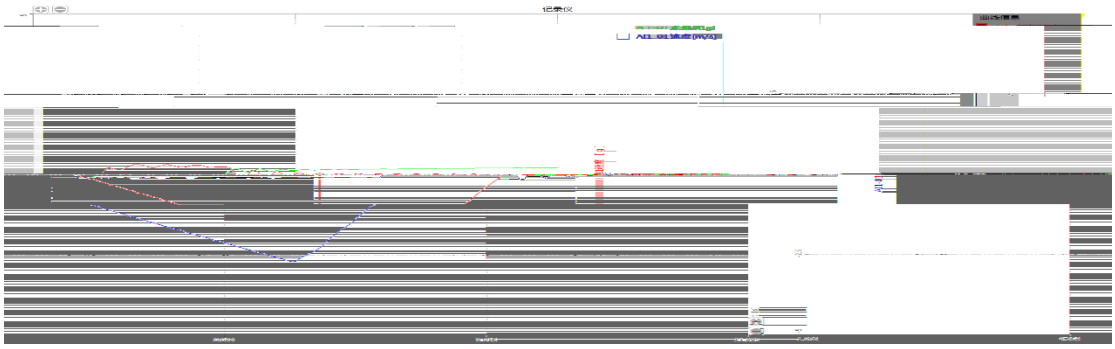
The 4th test



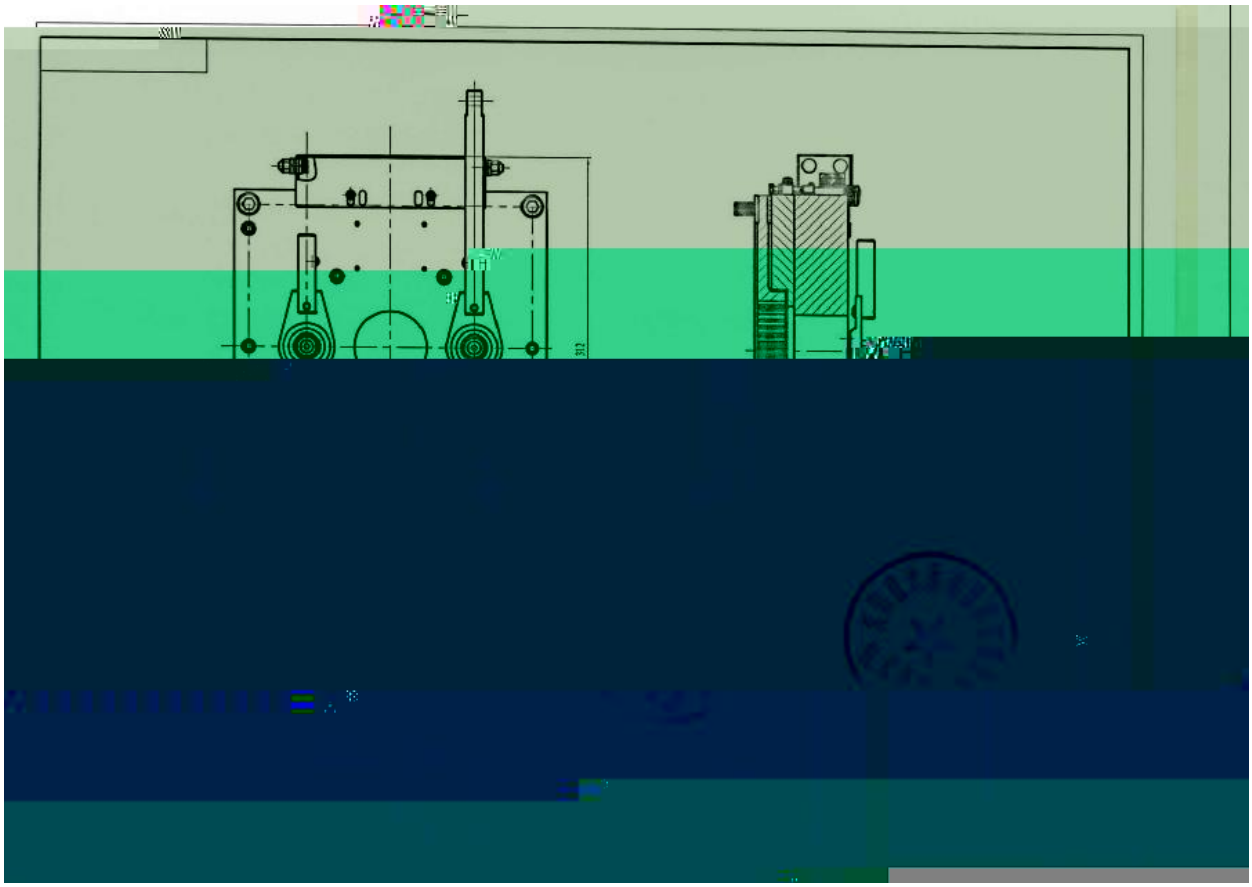
2 Test once with the rated speed 0.50m/s, rated load 800kg, system mass 2850kg.



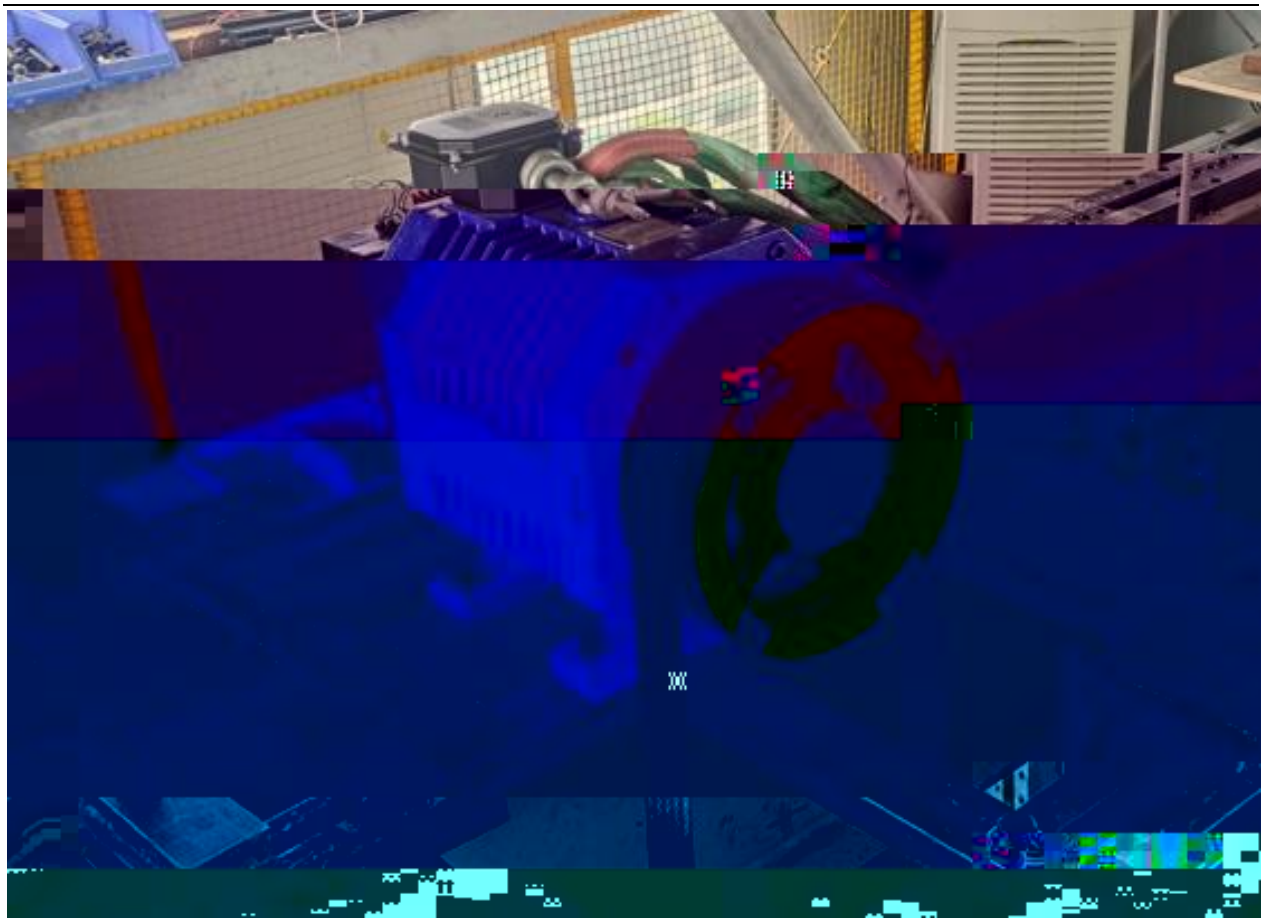
The 4th test



3. Sample Photo and drawing



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SPECIAL EQUIPMENT
(LIFT)



4 .Additional Information

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