Report No. 2021AF0026

Type -Examination Report of Special Equipment

Notes

1.This report is obtained based in the type-examination compliance with Regulation for Type Tests of Elevators (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 organization, 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.

5.Any discrepancy about the report from applicant should be raised within 15 working days after receiving the report.

6. The report is responsible for the tested sample only.

Name of Type Test Organization: Shenzhen Institute of Special Equipment Inspection and Test

Address of Type Test Organization：1032 Honggang Road, Luohu District, Shenzhen

Approval No. TS7610038-2021

Postcode：518029

Branch Name: LongHua QingHu Branch of Shenzhen Institute of Special Equipment Inspection and Test

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TYPE-EXAMINATION REPORT of
SPECIAL EQUIPMENT
(LIFT)

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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	BLB
Product No.	S17A013301 / S17A013302	Manufacture Date	2-Dec-2020



TYPE-EXAMINATION REPORT of
SPECIAL EQUIPMENT
(LIFT)

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1. Sample configuration and technical data

Equipment Name	Lift ascending car overspeed protection means (speed reducing element)		
Product Name	Traction Machine Brake	Model/Type	BLB

TYPE-EXAMINATION REPORT of
SPECIAL EQUIPMENT
(LIFT)

3. Sample check and test

1. Test item and results

No.	item code and name	item contents and requirements	Results	Conclusion
1	Q6.1 Action Part	Speed reducing element shall act: (1) to the car; or (2) to the counterweight; or (3) on the rope system(suspension or compensating); or (4) traction sheave (e.g.on the traction sheave directly or on the same shaft in the immediate vicinity of the sheave) Note: Instantaneous safety gear cannot be used as speed reducing element of Ascending Car Overspeed Protection Means.	Action part:: (4)	Passed
		Stopping test should be performed to Q6.2.4 on the entire elevator or simulation such as test bed. The stopping test must meet the following requirements: 2.1 When speed monitoring element acts, speed reducing element shall cause the car to stop, or at least reduce its speed to that for which the counterweight buffer is designed.	Meet the requirements	Passed
		2.2 The means shall not allow the retardation of the empty car in excess of 1 gn during the stop phase.	Max. deceleration: 0.541 g_n	Passed
		2.3 After its release, the means shall be in condition to operate.	Meet the requirements	Passed
		2.4 After tests, there shall be no fracture, deformation and other changes(for example, cracks , deformation or wear of the gripping elements, appearance of the rubbing surface)	Meet the requirements	Passed

[redacted]ection Means (speed
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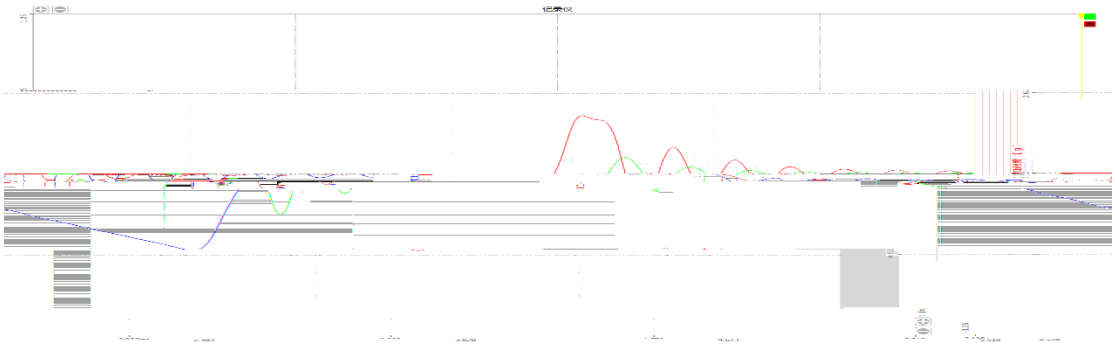
268.85 3.a-3(t)9(e)-3

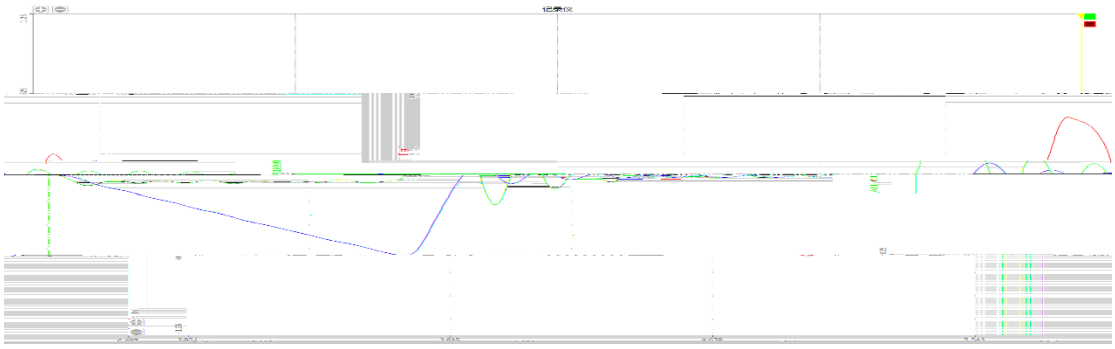
n-USen-USen-USPassed



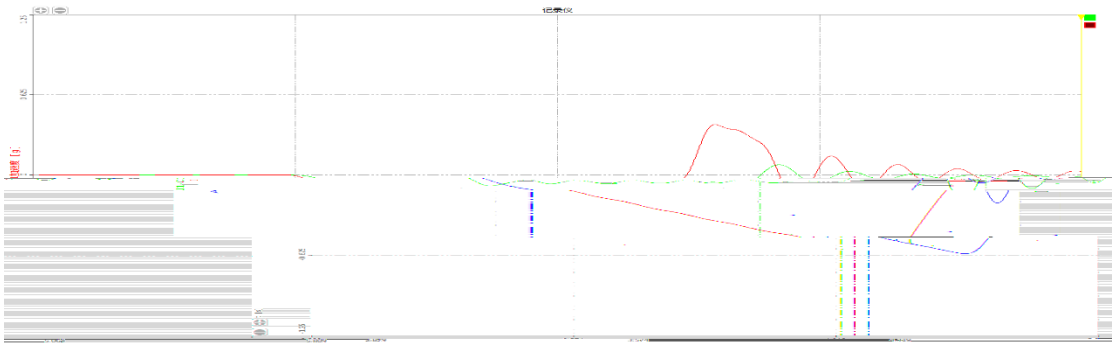
The 2nd test



The 3rd test



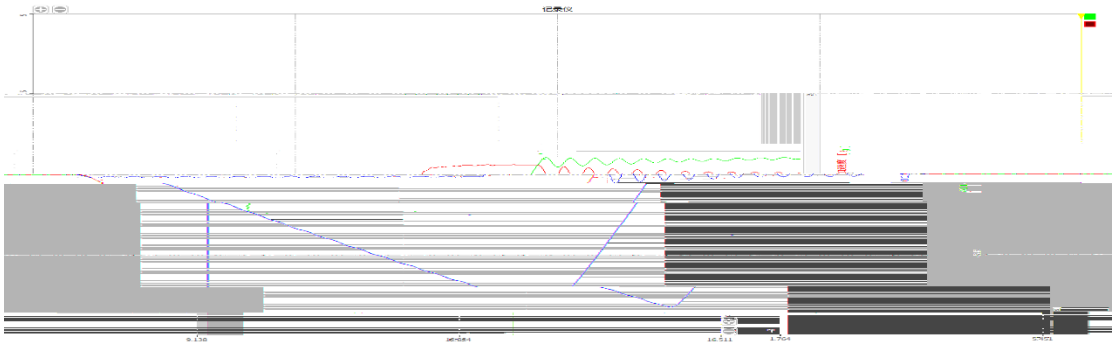
The 4th test



2 Test once with the rated speed 0.50m/s, rated load 1500kg, system mass 6700kg.



3 Test once with the rated speed 3.0m/s, rated load 1500kg, system mass 6700kg.



3. Sample Photo and drawing



4 .Additional Information

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