



TYPE-EXAMINATION REPORT of
SPECIAL EQUIPMENT
(LIFT)

Report No.2022AF0967

Note and Contents

Notes

1.This report is obtained based in the type-examination compliance with *Regulation for Type Tests of Elevators (TSG T7007-2022)*

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



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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.	Meet the requirements	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 Explosion-proof	In explosion-proof lift protection measures must be applied such as heat-conducting and no spark materials used in the surface of safety gear rope gripper, wheel ripper contacted with rope and rail,	Not applicable	/
6	Q6.6 Triggering Mode	If speed reducing element is applied to different trigger modes, it shall take 4 times of trigger action tests of trigger mechanism respectively for other trigger modes. Each test shall have normal and reliable action.	Not applicable	/
7	Q6.7 Reset Mode	If speed reducing element is applied to different reset modes, it shall take 4 times of reset action tests of reset mechanism complementally for other reset modes. Each test shall have normal and reliable action.	Not applicable	/
8	Q6.8 Triggering Force	When mechanical-trigger speed reducing element is acted by triggering, the required trigger force shall be no more than the value given by the test applicant. The test shall be carried out three times, each test shall meet the requirement.	Not applicable	/
9	Q6.9 Triggering Distance	When mech		



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Test No.	The maximum tripping speed (m/s)	The average deceleration (gn)	The maximum deceleration (gn)	The braking distance(mm)
1	0.589	0.237	0.360	75

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

Test No.	The maximum tripping speed (m/s)	The average deceleration (gn)	The maximum deceleration (gn)	The braking distance(mm)
1	4.008	0.366	0.466	2237

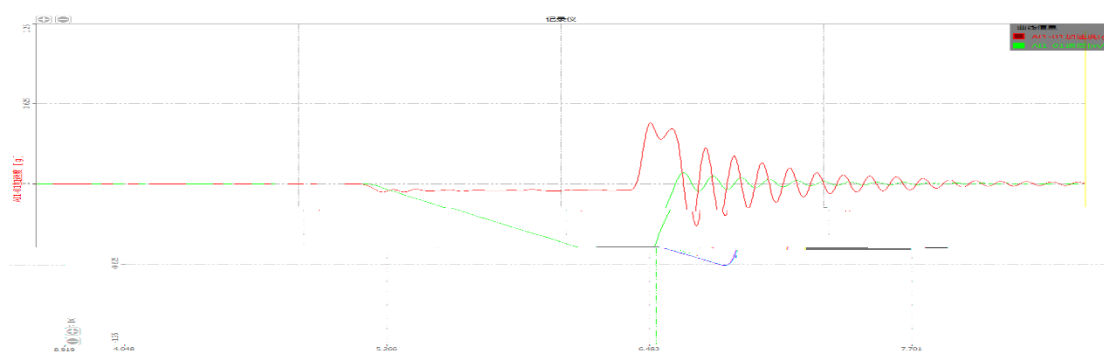
2.4 Test 4 times with the rated speed 3.0 m/s, rated load 2500 kg, system mass 12000 kg.

Test No.	The maximum tripping speed (m/s)	The average deceleration (gn)	The maximum deceleration (gn)	The braking distance(mm)
1	4.186	0.224	0.275	3987
2	4.012	0.227	0.285	3614
3	3.889	0.230	0.273	3352
4	4.052	0.222	0.258	3770

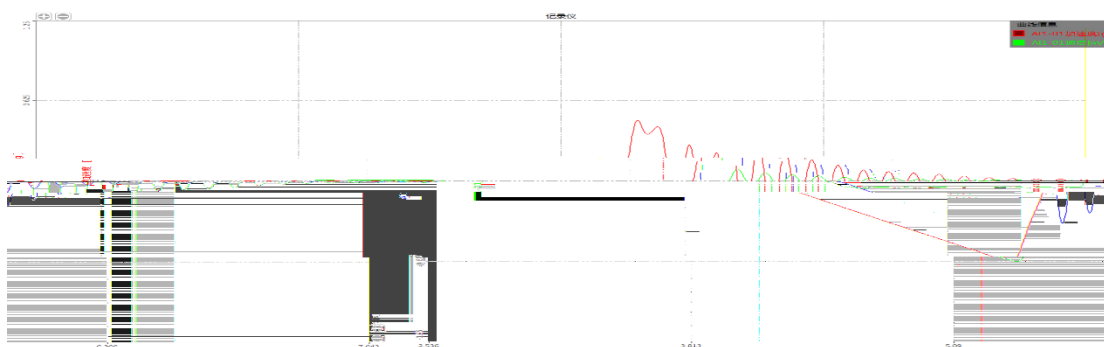
2.5 Stopping Test Curves

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

The 1st test

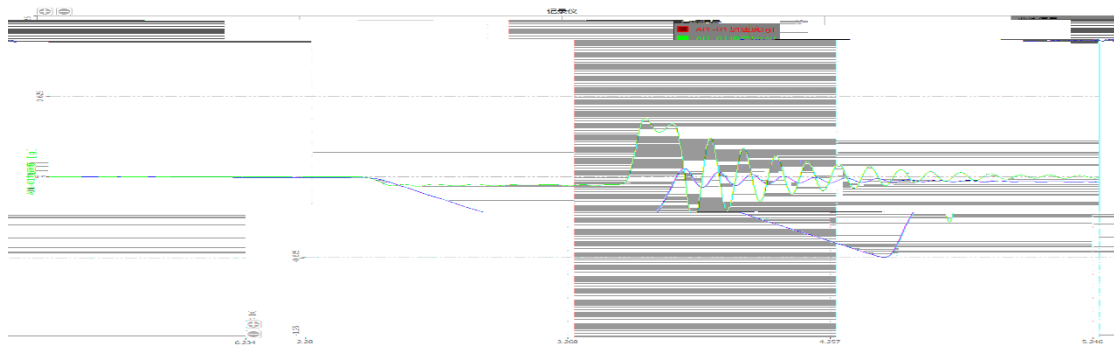


The 2nd test

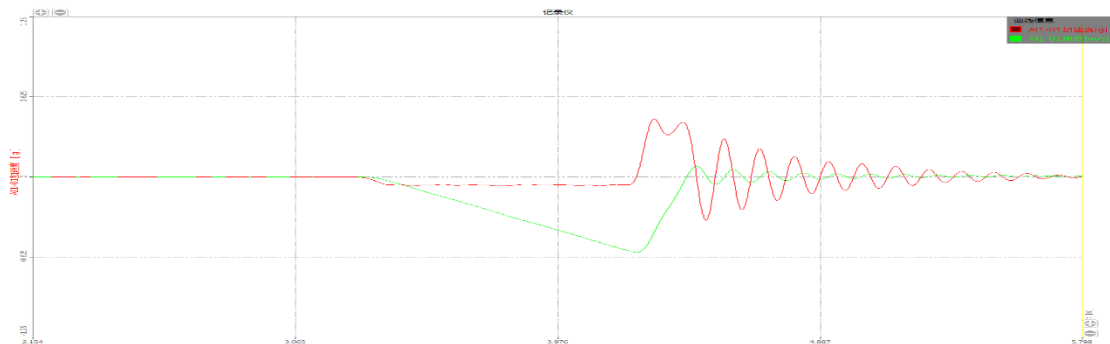




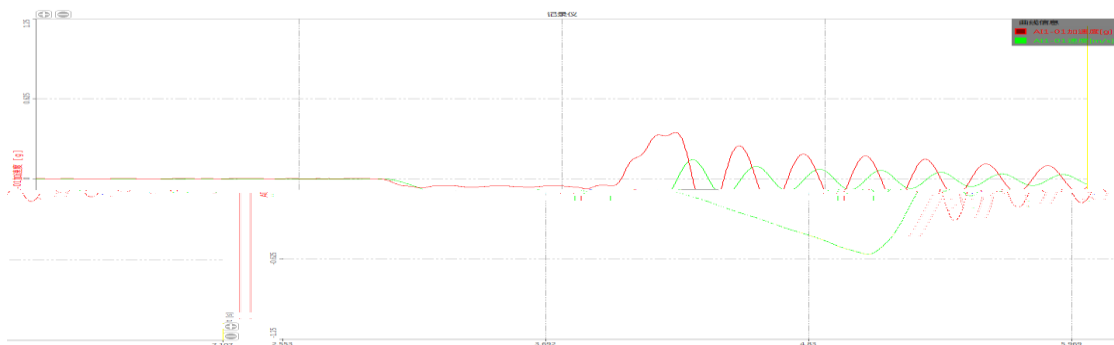
The 3rd test



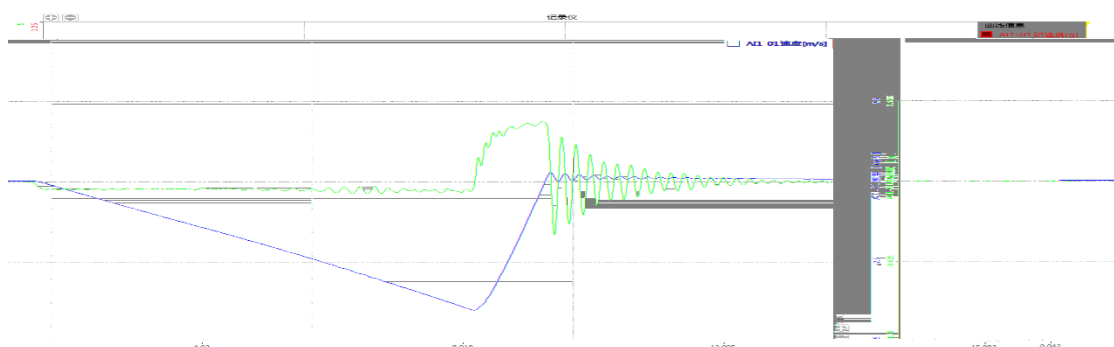
The 4th test



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



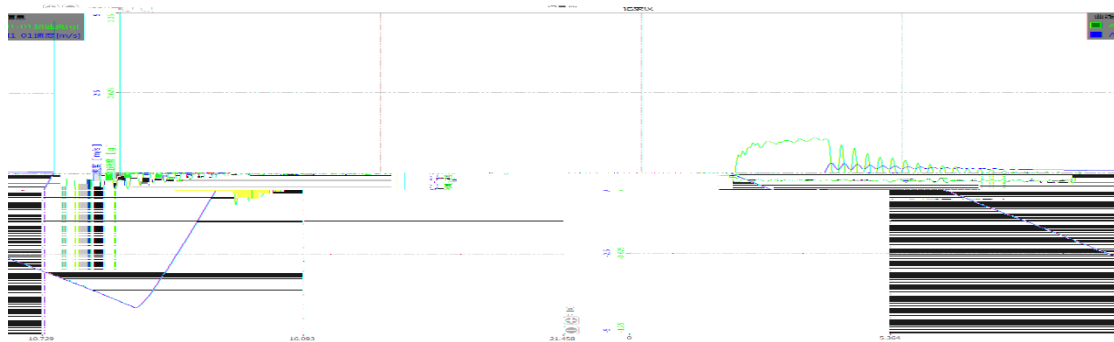
3 Test once with the rated speed 3.0 m/s, rated load 1500 kg, system mass 6700 kg.



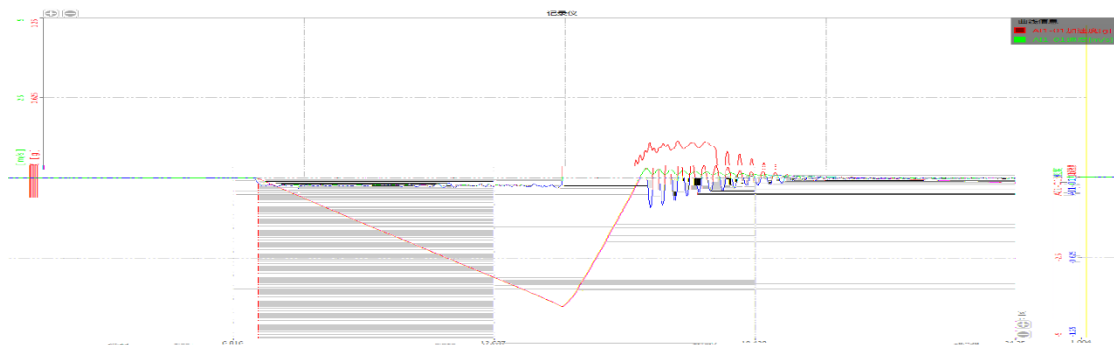
4 Test 4 times with the rated speed 3.0 m/s, rated load 2500 kg, system mass 12000 kg.



The 1st test

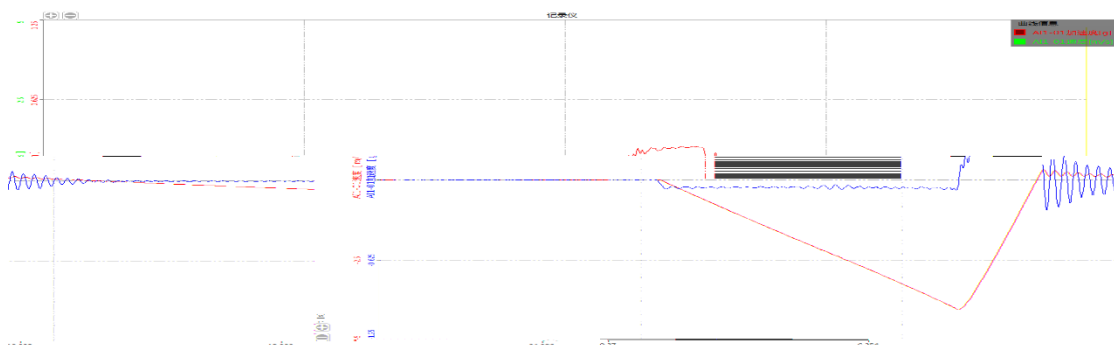


The 2nd test



The 3rd test

The 4th test





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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