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CNAS L0454

Type Test Certificate for Special Equipment (Lift)

Certificate No. TSX B32001420260358

Applicant:	Shenyang Bluelight New Generation Technology Co., Ltd.
Address of applicant:	No. 99A-31 (Gate 1, Gate 2) and No. 33 (Gate 1, Gate 2), Chuangxin 1st Road, Hunnan District, Shenyang City, Liaoning Province, P.R. China
Manufacturer:	Shenyang Bluelight New Generation Technology Co., Ltd.
Address of manufacturer:	No. 99A-31 (Gate 1, Gate 2) and No. 33 (Gate 1, Gate 2), Chuangxin 1st Road, Hunnan District, Shenyang City, Liaoning Province, P.R. China
Category of equipment:	Lift major component
Type of equipment:	Control cabinet
Name of product:	Escalator and moving walk control cabinet
Model of product:	SJT-WVF5-F
Type test report No.:	T14-B320-26-358

After type test, it is confirmed that the product complies with the requirements of Regulation for Type Tests of Lifts (TSG T7007—2022) and GB 16899—2011.

Applicable product model of the certificate: SJT-WVF5-F.

See appendix for applicable product parameters and configuration of the certificate.

Issue date: 2026-09-09

Review date: before 2030-09-09

Issue date of the English version: 2026-09-18

National Elevator Inspection and Testing Center

NETEC Inspection and Testing (Beijing) Co., Ltd.

Note:

1 The applicant has responsibilities to ensure that the products conform to the requirements of the safety technical specifications and relative standards, and to ensure that the quality and safety performance of products are consistent with the tested sample mentioned above.

2. This certificate is not applicable to product manufactured after the review date.

Appendix

Applicable Parameters Range and Configuration of Escalator and Moving Walk Control Cabinet

Speed control mode		VVVF
Start mode		Manual, automatic
Type of control device		Micro-computer
Applicable environment		Indoor
Model of control device		MU_V61
Manufacturer of control device		Shenyang Bluelight New Generation Technology Co., Ltd.
Model of drive device		BL6-U
Manufacturer of drive device		Shenyang Bluelight New Generation Technology Co., Ltd.
Programmable electronic safety related system (PESSRAE)	Model	SJT-APE-V2
	Manufacturer	Shenyang Bluelight Automatic Technology Co., Ltd.
	Function	1) Checking of overspeed and acting before the speed exceeds 1.2 times the nominal speed; 2) During upward travel, checking of unintended reversal; 3) Checking whether the stopping distance exceeds 1.2 times the maximum permissible stopping distance; 4) Checking of actuation of the additional brake; 5) Missing step (or pallet); 6) Deviation between handrail speed and actual speed of step (or pallet, belt) exceeding 15% and lasting for 5 s to 15 s; 7) Braking system not released after the start of the escalator or moving walk; 8) Opening of inspection covers in the truss area and/or removal or opening of floor plates; 9) Drive chain slack and breakage.

Issue date: 2026-09-09

Review date: before 2030-09-09

Issue date of the English version: 2026-09-18



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Report No. T14-B320-26-358

Special Equipment Type Test Report (Lift)

Category of equipment: Lift major component

Type of equipment: Control cabinet

Name of product: Escalator and moving walk control cabinet

Model of product: SJT-WVF5-F

Applicant: Shenyang Bluelight New Generation
Technology Co., Ltd.

Manufacturer: Shenyang Bluelight New Generation
Technology Co., Ltd.

Category of type test: First test

Test date: 2026-08-27

National Elevator Inspection and Testing Center
NETEC Inspection and Testing (Beijing) Co., Ltd.

NOTICE

1. Type test report is based on the Regulation for type tests of lifts (TSG T7007—2022).
2. The legal entity of the National Elevator Inspection and Testing Center is NETEC Inspection and Testing (Beijing) Co., Ltd. The abbreviation of NETEC Inspection and Testing (Beijing) Co., Ltd. and National Elevator Inspection and Testing Center are both “NETEC”.
3. The test report is invalid without the signatures of the testing, reviewing and approving personnel, the approval certificate number of the type testing institution, the issue date, the "Test Report Specialized Stamp of NETEC Inspection and Testing (Beijing) Co., Ltd." or the cross-page seal.
4. Each type test certificate (hereinafter referred to as the certificate) issued by NETEC is corresponding to at least one type test report with a qualified test conclusion.
5. Certificate is invalid without the issue date, the "Test Report Specialized Stamp of NETEC Inspection and Testing (Beijing) Co., Ltd." or the cross-page seal for multi-page attachments.
6. All contents of the test report and certificate issued by NETEC shall be computer-printed, except for the signatures of the responsible personnel. Any handwriting, alteration or partial copy of the report is also invalid.
7. The type test report is only valid for the sample. The applicant is responsible for the authenticity of the sample and relevant technical documents.
8. Any objection to the test report shall be submitted to NETEC in writing within 15 working days from the date of receipt of the test report and certificate.
9. NETEC issues either a paper version or an electronic version of the test report (one type only) based on the applicant's selection. The paper version is issued in triplicate, with one copy retained by NETEC and the other kept by the applicant; the electronic version has the equal legal effect as the paper version.
10. The Chinese version of the type test report and certificate shall prevail, while the English version is for reference only.

Contact Information

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Category of equipment	Lift major component	Type of equipment	Control cabinet
Name of product	Escalator and moving walk control cabinet	Model of product	SJT-WVF5-F
Product number	K2605034	Manufacturing date	2026-05
Unified social credit code of applicant		91210112MA0YDH0R63	
Applicant	Shenyang Bluelight New Generation Technology Co., Ltd.		
Registered address of applicant	No. 99A-31 (Gate 1, Gate 2) and No. 33 (Gate 1, Gate 2), Chuangxin 1st Road, Hunnan District, Shenyang City, Liaoning Province, P.R. China		
Unified social credit code of manufacturer		91210112MA0YDH0R63	
Manufacturer	Shenyang Bluelight New Generation Technology Co., Ltd.		
Registered address of manufacturer	No. 99A-31 (Gate 1, Gate 2) and No. 33 (Gate 1, Gate 2), Chuangxin 1st Road, Hunnan District, Shenyang City, Liaoning Province, P.R. China		
Manufacturing address	No. 99A-31 (Gate 1, Gate 2) and No. 33 (Gate 1, Gate 2), Chuangxin 1st Road, Hunnan District, Shenyang City, Liaoning Province, P.R. China		
Test place	Shenyang Bluelight New Generation Technology Co., Ltd.		
Receiving date	/	Sample No.	/
Sample state	No abnormality observed	Category of type test	First test
Test date	2026-08-27		
Test condition	Ambient temperature: 23.2 °C, relative humidity: 34%, voltage: AC 392 V		
Test basis	Regulation for Type Tests of Lifts (TSG T7007—2022) GB 16899—2011		
Test conclusion	The type test is certificated.		
Note	Issue date of the Chinese version: 2026-09-09		
Reported by:	张超	Approval certificate of type test institute No. TS7610014—2029 Issue date of the English version: 2026-09-18	
Verified by:	李列		
Issued by:	李 建		

1 Technical parameters and configuration of the sample

Name of sample		Escalator and moving walk control cabinet		
Model of sample		SJT-WVF5-F		
Start mode		Manual, automatic		
Energy saving operation mode		Standby low-speed operation Standby stop operation		
Applicable environment		Indoor		
Speed control device	Model	BL6-U		
	Speed control mode	VVVF		
	Rated voltage	AC 380 V	Rated power	22 kW
	Rated frequency	50 Hz	Rated current	48 A
	Manufacturer	Shenyang Bluelight New Generation Technology Co., Ltd.		
Control device	Type	Micro-computer	Model	MU_V61
	Manufacturer	Shenyang Bluelight New Generation Technology Co., Ltd.		
Electrical safety device	Safety circuit	Model	SJT-FTGY-V2	
		Manufacturer	Shenyang Bluelight Automatic Technology Co., Ltd.	
		Function	Information acquisition and connection device on the electrical safety circuit.	
	Programmable electronic safety related systems	Model	SJT-APE-V2	
		Manufacturer	Shenyang Bluelight Automatic Technology Co., Ltd.	
		Function and SIL	1) Checking of overspeed and acting before the speed exceeds 1.2 times the nominal speed; SIL3	
			2) During upward travel, checking of unintended reversal; SIL2	
Electrical safety device	Programmable electronic safety related systems	Function and SIL	3) Checking whether the stopping distance exceeds 1.2 times the maximum permissible stopping distance; SIL3	
			4) Checking of actuation of the additional brake; SIL2	
		Function and SIL	5) Missing step (or pallet); SIL2	
			6) Deviation between handrail speed and actual speed of step (or pallet, belt) exceeding 15% and lasting for 5 s to 15 s; SIL2	
	Programmable electronic safety related systems	Function and SIL	7) Braking system not released after the start of the escalator or moving walk; SIL3	
			8) Opening of inspection covers in the truss area and/or removal or opening of floor plates; SIL2	
		Function and SIL	9) Drive chain slack and breakage; SIL2	

2 Check the technical documents

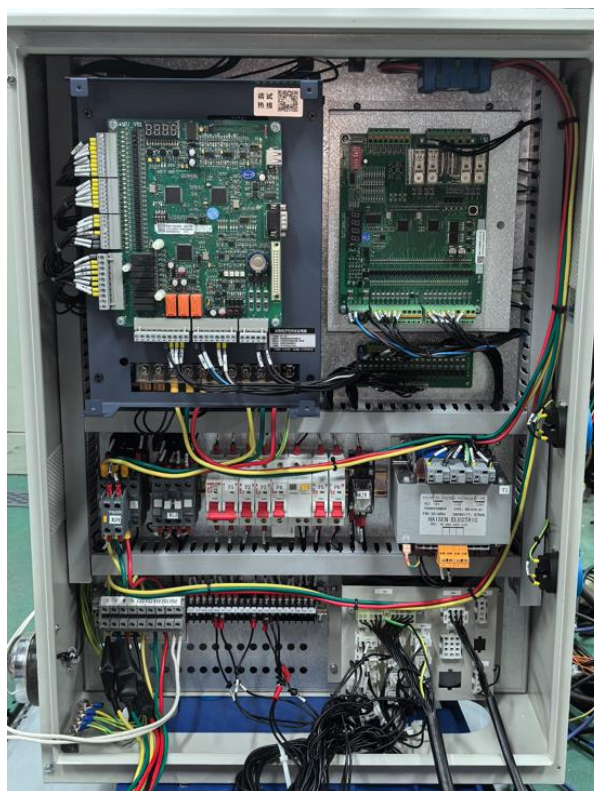
No.	Items No.	Check items	Check results	Conclusion
1	V5.1	Conformity certificate documents and instructions	Comply with requirements	Pass
2	V5.2	Technical document for main construction parameter	Comply with requirements	Pass
3	V5.3	Relative technical document	Comply with requirements	Pass
4	V5.4	Continuous operating test	Comply with requirements	Pass
5	V5.5	Application range and design document	Comply with requirements	Pass

3 Check and test the sample

No.	Items No.	Check and test items	Check and test results	Conclusion
1	V6.1.1	Electrical equipment and installation	Comply with requirements	Pass
2	V6.1.2	Insulation resistance, voltage resistance, electromagnetic compatibility	Comply with requirements	Pass
3	V6.1.3	Protection against electric faults	Comply with requirements	Pass
4	V6.1.4	Electric safety devices	Comply with requirements	Pass
5	V6.1.5	Protection of the motor	With static components /	/
6	V6.2	Control requirements for vertical lift	/	/
7	V6.3.1	Control the power supply to the drive motor	Comply with requirements	Pass
8	V6.3.2	Starting and making available for use	Comply with requirements	Pass
9	V6.3.3	Stopping	Comply with requirements	Pass
10	V6.3.4	The control of inspection operation	Comply with requirements	Pass
11	V6.3.5	Restarting	Comply with requirements	Pass
12	V6.3.6	Inspection control	Comply with requirements	Pass

No.	Items No.	Check and test items	Check and test results	Conclusion
13	V6.3.7	Protection against risks of excessive speed and unintentional reversal of the direction of travel	Comply with requirements	Pass
14	V6.4.1	Symbol of stop switch	Comply with requirements	Pass
15	V6.4.2	Symbol of operation	/	/
16	V6.4.3	Nameplate	Comply with requirements	Pass

4 Sample photo



Note: The manufacturer requested during the application to carry out the test at its own test site. After confirmation by the testing personnel that the manufacturer's test conditions were satisfactory, and based on the principle of convenience, speed and simplified procedures, this test was conducted at the manufacturer's test site.

5 Change information of type test report

When the name or address of the applicant and the overseas manufacturer changed, the applicant should submit the change application and the corresponding supporting information to NETEC. After confirmation, NETEC should indicate the change on the attached page “change information of type test report”, take back the original type test certificate and issue a new one.
