

Type Test Certificate for Special Equipment (Lift)

Certificate No. TSX B32001420220385

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: Lift control cabinet
Model of product: SJT-WVF5
Type test report No.: T14-B320-22-385, T14-B320-26-345

After type test, it is confirmed that the product complies with the requirements of Regulation for Type Tests of Lifts (TSG T7007—2022), GB/T 7588.1—2020 and GB/T 7588.2—2020.

Applicable product model of the certificate: SJT-WVF5.

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

Issue date: 2022-08-31

Recertification date: 2026-07-30

Review date: before 2030-08-31

Issue date of the English version: 2026-08-21

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 Vertical Lift Control Cabinet

Rated speed of the lift		≤4.0 m/s
Rated power		≤75 kW
Speed control mode		VVVF
Control mode		Selective collective control
Environment of explosion protection		/
Type of explosion protection		/
Grade of explosion protection		/
Type of control device		Micro-computer
Applicable to full load working pressure of hydraulic pump station		/
Model of control device		MU_V61
Manufacturer of control device		Shenyang Bluelight New Generation Technology Co., Ltd.
Model of speed control device		BL6-U
Manufacturer of speed control device		Shenyang Bluelight New Generation Technology Co., Ltd.
Firefighter lift control function setting		Unequipped
Control of levelling and re-levelling with doors open		Equipped or unequipped
Monitoring the normal slowdown of the machine in case of reduced buffer stroke		Unequipped
Emergency and test operation device		Equipped or unequipped
Return to the specified floor function setting in case of fire		Equipped or unequipped
PESSRAL ①	Configure	Equipped or unequipped
	Model①	SJT-ZPC-P1A or SJT-ZPC-P1B or SJT-ZPC-P2A or SJT-ZPC-P2B
	Manufacturer ①	Shenyang Bluelight New Generation Technology Co., Ltd.
	Function①	1) Detection of unintended car movement with doors open; 2) Checking of levelling, re-levelling and preparatory operation.
	Model②	SJT-STO-V2.1
	Manufacturer ②	Shenyang Bluelight New Generation Technology Co., Ltd.
	Function②	Safety torque off (STO) function for traction and positive drive lifts.

Issue date: 2022-08-31

Recertification date: 2026-07-30

Review date: before 2030-08-31

Issue date of the English version: 2026-08-21



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Report No. T14-B320-26-345

Special Equipment Type Test Report (Lift)

Category of equipment: Lift major component

Type of equipment: Control cabinet

Name of product: Lift control cabinet

Model of product: SJT-WVF5

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

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

Category of type test: First check

Test date: 2026-07-22

**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

Add: 61 Jinguang Ave., Guangyang District, Langfang, Hebei 065000, P.R.China

Tel: +86 316 2311414, +86 15932603366

Email: netec@bicm.com.cn

[Http://www.netec-china.com](http://www.netec-china.com)

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Category of equipment	Lift major component	Type of equipment	Control cabinet
Name of product	Lift control cabinet	Model of product	SJT-WVF5
Product number	K2606017	Manufacturing date	2026-06
Unified social credit code of applicant		91210112MA0YDH0R63	
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		
Unified social credit code of manufacturer		91210112MA0YDH0R63	
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		
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. Laboratory		
Receiving date	/	Sample No.	/
Sample state	No abnormality observed	Category of type test	First check
Test date	2026-07-22		
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/T 7588.1—2020, GB/T 7588.2—2020		
Check conclusion	Certificated. All tested items comply with the requirements of the standards listed in the test basis.		
Note	Issue date of the Chinese version: 2026-07-30		
Reported by: 张超		Approval certificate of type test institute No. TS7610014—2029 Issue date of the English version: 2026-08-21	
Verified by: 孙衡			
Issued by: 李利			

1 Technical parameters and configuration of the sample

Name of sample			Lift control cabinet		
Model of sample			SJT-WVF5		
Environment of explosion proof			/		
Grade of explosion protection			/		
Type of explosion protection			/		
Protection degree			IP2X		
Rated speed of the lift			4.00 m/s		
Rated power			75 kW		
Applicable to full load working pressure of hydraulic pump station			/		
Emergency and test operation device			Equipped		
Firefighter lift control function setting			Unequipped		
Return to the specified floor function setting in case of fire			Equipped		
Control function of lift operation		Control of inspection operation Control of emergency electrical operation			
Speed control device	Model		BL6-U		
	Speed control mode		VVVF		
	Rated voltage		AC 380 V	Rated power	75 kW
	Rated frequency		50 Hz	Rated current	165 A
	Manufacturer		Shenyang Bluelight New Generation Technology Co., Ltd.		
Control device	Model		MU_V61	Control mode	Selective collective control
	Communication mode		Serial	Maximum stops	64/64
	Type		Micro-computer		
	Manufacturer		Shenyang Bluelight New Generation Technology Co., Ltd.		
Electrical safety device	Safety circuit	Model	MU_V61		
		Manufacturer	Shenyang Bluelight New Generation Technology Co., Ltd.		
		Function	Information acquisition and connection device on the electrical safety circuit.		
	PESSRAL	Model	SJT-ZPC-P1A		
		Manufacturer	Shenyang Bluelight New Generation Technology Co., Ltd.		
		Function and SIL	1) Detection of unintended car movement with doors open: SIL2; 2) Checking of levelling, re-levelling and preparatory operation: SIL2.		
		Model	SJT-STO-V2.1		
		Manufacturer	/		
		Function and SIL	Safety torque off (STO) function for traction and positive drive lifts: SIL3 (hardware fault tolerance 1).		
Consistency with the initial type test sample		(1) The basic information of the product is consistent with that of the type test sample. (2) The main configuration of the product is consistent with that of the type test sample.			

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	V5.5	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	V6.1.3	Protection against electric faults	Comply with requirements	Pass
3	V6.1.4	electric safety devices	Comply with requirements	Pass
4	V6.1.5	Protection of the motor	With static components /	/
5	V6.2.1	The control of power supply to motor and droop control valve	Speed control system with STO function (SIL3, hardware fault tolerance:1) Comply with requirements	Pass
6	V6.2.2	△Power supply and controller of brake	Comply with requirements	Pass
7	V6.2.4	The control of leveling and re-leveling with doors open	Comply with requirements	Pass
8	V6.2.5	△The control of inspection operation	Comply with requirements	Pass
9	V6.2.6	The control of docking operation	/	/
10	V6.2.7	Overload protect devices	Comply with requirements	Pass
11	V6.2.8.1	The control of limit switches	Comply with requirements	Pass

No.	Items No.	Check and test items	Check and test results	Conclusion
12	V6.2.8.2	△The control system of monitoring the normal slowdown of machine in case of reduced buffer stroke	/	/
13	V6.2.8.3	The control of lifts with manual doors	/	/
14	V6.2.8.4	The control of lifts operating on non-collective control	/	/
15	V6.2.8.5	△Requirements for emergency electrical operation	Comply with requirements	Pass
16	V6.2.8.6	Landing and car door bypass device	Comply with requirements	Pass
17	V6.2.8.7	Electrical protection of landing door lock device	Comply with requirements	Pass
18	V6.2.8.8	Electrical anti-creep system of hydraulic lift	/	/
19	V6.2.8.9	Emergency operation and dynamic test device	Comply with requirements	Pass
20	V6.2.8.10	Automatic rescue operation device	/	/
21	V6.2.8.11	Split-type energy feedback device	/	/
22	V6.2.9	Additional requirements of firefighters lift	/	/
23	V6.2.10	Additional test of electric explosion-proof	/	/
24	V6.4.1	Symbol of stop switch	Comply with requirements	Pass
25	V6.4.2	Symbol of operation	Comply with requirements	Pass
26	V6.4.3	Nameplate	Comply with requirements	Pass

Note: For items marked with "△" in "2 Check the technical documents" and "3 Check and test the sample", there are differences in the technical requirements of GB/T 7588.1—2020, GB/T 7588.2—2020 and TSG T7007—2022. For these differences, separate reviews or inspections and tests have been conducted according to the requirements of GB/T 7588.1—2020, GB/T 7588.2—2020 and TSG T7007—2022.

4 Commission test items by the applicant

4.1 Check of additional technical documents

No.	Items No.	Check items	Check results	Conclusion
1	GB/T 7588.1 §5.11	Electric schematic diagrams, wiring diagram, instructions of cade, the plans of installation in the component	Comply with requirements	Pass
2	GB/T 7588.1 §5.12.1	Operation control function description	Comply with requirements	Pass
3	GB/T 7588.2 §5.6	Safety circuit containing electronic components, Type test report and certificate of programmable electronic safety related system	Comply with requirements	Pass
4	GB/T 7588.1 §5.11.1	Protection against electric faults and failure analysis	Comply with requirements	Pass
5	GB/T 7588.1 §5.10.3	Contactors, contactor relays, type certificate of relay	Comply with requirements	Pass
6	GB/T 7588.1 §5.10.1.1.3	Certificate of electromagnetic compatibility	Comply with requirements	Pass

4.2 Additional check and test

No.	Items No.	Check items	Check results	Conclusion
1	GB/T 7588.1 §5.2.1.5	Electric equipment in the pit and in machinery spaces and pulley rooms	Comply with requirements	Pass
2	GB/T 7588.1 §5.9.2.2.2.3 e)	Power supply control of brake	Comply with requirements	Pass
3	GB/T 7588.1 §5.10.1.2	Protection against electric shock	Comply with requirements	Pass
4	GB/T 7588.1 §5.10.1.3.1	Insulation resistance of the electrical installation	Comply with requirements	Pass
5	GB/T 7588.1 §5.10.4.2	Overheat protection of motor	Comply with requirements	Pass
6	GB/T 7588.1 §5.11.1.4	Ground fault protection of brake power supply circuit	Comply with requirements	Pass
7	GB/T 7588.1 §5.12.1.5.1	Control of inspection operation	Comply with requirements	Pass

No.	Items No.	Check items	Check results	Conclusion
8	GB/T 7588.1 §5.12.1.5.2.1i)	More than one control of inspection operation	Comply with requirements	Pass
9	GB/T 7588.1 §5.12.1.5.2.2	Return to normal operation of the lift	Comply with requirements	Pass
10	GB/T 7588.1 §5.12.1.5.2.3	Button of control of inspection operation	Comply with requirements	Pass
11	GB/T 7588.1 §5.12.1.5.2.4	Inspection control station	Comply with requirements	Pass
12	GB/T 7588.1 §5.12.1.6.1 f)	Emergency electric operation speed	Comply with requirements	Pass
13	GB/T 7588.1 §5.12.1.7	Protection for maintenance operations	Comply with requirements	Pass

5 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.

6 Change information of type test report

When the name or address of the applicant and the overseas manufacturer change, 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.
