



中国认可
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检测
TESTING
CNAS L0916

TYPE-EXAMINATION CERTIFICATE OF SPECIAL EQUIPMENT (LIFT)

No. TSX F38003820220104

Name of Applicant:	SHENYANG BLUELIGHT DRIVE TECHNOLOGY CO., LTD.		
Registered Address of Applicant:	NO.37, XINSHIJI ROAD, HUNNAN NEW DISTRICT, SHENYANG, CHINA		
Name of Manufacturer:	SHENYANG BLUELIGHT DRIVE TECHNOLOGY CO., LTD.		
Registered Address of Manufacturer:	NO.37, XINSHIJI ROAD, HUNNAN NEW DISTRICT, SHENYANG, CHINA		
Product category:	Lift Safety Protection Device	Equipment Type:	Unintended Car Movement Protection
Product Name:	Traction machine brake	Model/Type:	BLB
Initial Inspection Report No.	2022AF0860	The Verification Report No.	/

By the Type-Examination, the sample is confirmed to be in accordance with Regulation for type Tests of Lifts (TSG T7007-2022).

The sample is in compliance with Regulation of GB/T 7588.1-2020 Safety rules for the construction and installation of lifts—Part1:Passenger and goods passenger lifts, GB/T 7588.2-2020 Safety rules for the construction and installation of lifts—Part2: Design rules, calculations, examinations and tests of lift components, EN 81-20:2020 and EN 81- 50:2020 standard rules.

The certificate covers the following different products mentioned below: BLB

Please refer to the annex for the specific parameters and configuration about the covered products.

Issued Date: 30-Aug-2022

Date for Recertification: /

Next Verification Before: 29-Aug-2026

SHENZHEN INSTITUTE OF QUALITY & SAFETY INSPECTION AND RESEARCH GUANGDONG STATION OF ELEVATOR QUALITY SUPERVISION AND TEST

Notes: 1. The applicant has the responsibility to ensure the products being in compliance with standard and also ensure the consistence of quality and safety performance of product and type tested sample.

2. The certificate cannot apply to products produced after next verification date.



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TYPE-EXAMINATION CERTIFICATE ANNEXED TABLE (LIFT)

Certificate No.	TSX F38003820220104		
Equipment Type	Unintended Car Movement Protection		
Product Name	Traction machine brake	Model/Type	BLB
No-load System Quantity	1400~12000 kg	Rated load	450~2500 kg
Braking Element Pattern	Traction machine brake	Drive type of Applicable lifts	Traction Type
Action part	Traction sheave	Trigger mode	Braking on de-energizing
The expected maximum speed before the car decelerates	1.35 m/s	Response Time	≤150 ms
Test speed for final inspection	0.25 m/s	Response time of equipped detection subsystem	Safety circuits containing electronic components or PESSRAL response time(including sensor): ≤20ms
Braking Element Structure Pattern	Straightly driving electromagnetic drum	Number of Braking Element	2
Materials of Friction Element	Non-asbestos friction plate	Elastic Element Type	Cylindrical helical compression spring
Trigger device hardware composition	Not applicable		
The allowable moving distance corresponding to the test speed	When the moving distance of the car does not exceed 0.8m (when it can be reached)	Not applicable	
	When the moving distance of the car does not exceed 1.0m (when it can be reached)	≤0.125 m	
	When the moving distance of the car does not exceed 1.2m	≤0.154 m	
<p>Note:</p> <ol style="list-style-type: none"> 1. “The allowable moving distance corresponding to the test speed ” means the maximum distance allowed for the car to move from the detection of the unexpected movement to the time when the car is completely stopped, under test speed of final inspection, excluding the distance between the detection device and the installed landing. 2. The method for triggering the braking element at the test speed for the final inspection: the lift goes up with no load, and after the running speed of the car reaches the test speed for the final inspection, cut off the power supply of the brake electromagnet to trigger the brake of the traction machine. 3. The system quantity and the rated load range in the table is decided by the condition of the suspension ratio <u>2:1</u>. The formula to transform the corresponding scope to other practical suspension ratio is: <ol style="list-style-type: none"> 1) Applicable system mass = type test system mass × actual suspension ratio ÷ type test suspension ratio; 2) Applicable rated load = type test rated load × actual suspension ratio ÷ type test suspension ratio. 4. Response time of the device (contactor) for disconnecting the brake power supply ≤ <u>50</u> ms . 5. File identification number: XPSQ2022060087AENZS 6. This certificate does not apply to inclined lifts. 			