



中国认可
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检测
TESTING
CNAS L0916

TYPE-EXAMINATION CERTIFICATE OF SPECIAL EQUIPMENT (LIFT)

No. TSX F38003820171105

Name of Applicant: Shenyang Bluelight Drive Technology Co.,Ltd.
Registered Address of Applicant: No.37 Shiji Road,Hunnan New Distrct,Shenyang,China
Name of Manufacturer: Shenyang Bluelight Drive Technology Co.,Ltd.
Manufacturing address: No.37 Shiji Road,Hunnan New Distrct,Shenyang,China

Product category:	Lift Safety Protection Device	Equipment Type:	Unintended Car Movement Protection(Braking subsystem)
Product Name:	Traction machine brake	Model/Type:	BLB
Initial Inspection Report No.	2017AF4186	The Verification Report No.	2021AF0827

By the Type-Examination, the sample is confirmed to be in accordance with Regulation for type Tests of Lifts (TSG T7007-2016, Including No.1 amending list).

The sample is in compliance with Regulation of GB 7588-2003 Safety Rules for the Construction and Installation of Electric Lift (Including No.1 amending list) and EN 81-20/50:2014 Safety rules for the construction and installation of lifts. lifts-part 1:Electric lifts.

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: 1-Dec-2017

Date for Recertification: 10-Aug-2021

Next Verification Before: 30- Nov-2023

**SHENZHEN INSTITUTE OF SPECIAL EQUIPMENT INSPECTION AND TEST
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 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 F38003820171105		
Equipment Type	Unintended Car Movement Protection(Braking subsystem)		
Product Name	Traction machine brake	Model/Type	BLB
No-load System Quantity	1400~12000 kg	Rated load	450~2500 kg
The expected maximum speed before the car decelerates	1.536 m/s	Response Time	≤200 ms
Test speed for field inspection (m/s)	0.25 m/s	Allowable stopping distance(mm)	≤375 mm
Drive type of Applicable lifts	Traction Type	Action part	Traction Sheaves
Organization of trigger device	Electromagnet	Trigger mode	Braking on de-energizing
Braking Element Pattern	Straightly driving electromagnetic drum	Number of Braking Element	2
Materials of Friction Element	Asbestos-free friction film	Elastic Element Structure	Guided compression coil spring
Working condition	In-door		
<p>Note:</p> <p>1. This product can be used in the arrest subsystem of the UCMP device, but it must be combined with the detection subsystem to build a complete system in order to meet the "Regulation for type Tests of Lifts" (TSG T7007-2016) and the relevant standards for the protection of the UCMP device requirements:</p> <p>1) The product must combine with self-monitoring subsystem when it is used in the lift without leveling, releveling and preparatory function.</p> <p>2) The product must combine with detection and self-monitoring subsystem when it is used in the lift with leveling, releveling and preparatory function.</p> <p>2. The expected maximum stopping distance of the car within the system quantity range is <u>765</u> mm, When building a UCMP device, the distance generated by the response delay of each subsystem plus half length of the unlocking area shall be less than <u>435</u> mm .</p> <p>3. The system quantity and the rated load range in the table is decided by the condition of the suspension ratio 2:1. The formula to transform the corresponding scope to other practical suspension ratio is:</p> <p>1) Applicable system quality = type test system quality × actual suspension ratio ÷ type test suspension ratio;</p> <p>2) Applicable rated load = type test rated load × actual suspension ratio ÷ type test suspension ratio.</p>			
<p>Other instructions:</p> <p>1. File identification number: XPSQ2020120042AENZS</p> <p>2. .Not applicable for oblique lift</p>			