LIFT

No. TSX F38003820180067

Name of Applicant:	SHENYANG BLUELIGHT DRIVE TECHNOLGY CO., LTD.		
Registered Address of Applicant:	NO.37, XINSHIJI ROAD, HUNNAN NEW DISTRICT,		
Name of Manufacturer:	SHENYANG BLUELIGHT DRIVE TECHNOLGY CO., LTD.		
Manufacturing address:	NO.37, XINSHIJI ROAD, HUNNAN NEW DISTRICT,		
Product category:	Lift Safety Protection Device	Equipment Type:	Unintended Car Movement Protection(Braking subsystem)
Product Name:	Traction machine brake	Model/Type:	BLS
Initial Inspection Report No.	2018AF0199	The Verification Report No.	2020AF0048

By the Type-Examination, the sample is confirmed to be in accordance with s TSG T7007-2016 .

The sample is in compliance with Regulation of (Including No.1 amending list)

and

The certificate covers the following different products mentioned below: BLS

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

Issued Date: 15- Apr-2018

Date for Recertification: 14- Jan-2020

Next Verification Before: 14- Apr-2022

TYPE-EXAMINATION CERTIFICATE ANNEXED TABLE (LIFT)

Certificate No.	TSX F38003820180067		
Equipment Type	Unintended Car Movement Protection(Braking subsystem)		
Product Name	Traction machine brake	Model/Type	BLS
No-load System Quantity	900 4000 kg	Rated load	320 1050 kg
The expected maximum speed before the car decelerates	1.6034 m/s	Response Time	≤200 ms
Test speed for field inspection (m/s)	0.30m/s	Allowable stopping distance(mm)	≤397 mm
Drive type of Applicable lifts	Traction Type	Action part	Traction Sheave Shaft
Organization of trigger device	Electromagnet	Trigger mode	Braking on de-energizing
Braking Element Pattern	Complete electromagnetic disc	Number of Braking Element	2
Materials of Friction Element	Asbestos-free friction film	Elastic Element Structure	Guided compression coil spring
Working condition	In-door		

Note:

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:
1) The product must combine with self-monitoring subsystem when it is used in the lift without leveling, releveling and preparatory function.
2) The product must combine with detection and self-monitoring subsystem when it is used in the lift with leveling, releveling and preparatory function.
2. The expected maximum stopping distance of the car within the system quantity range is 530 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 670 mm .

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:
1) Applicable system quality = type test system quality × actual suspension ratio ÷ type test suspension ratio;
2) Applicable rated load = type test rated load × actual suspension ratio ÷ type test suspension ratio.

Other instructions
File identification number XPSQ2019070010AENZS