TYPE-EXAMINATION CERTIFICATE OF SPECIAL EQUIPMENT

LIFT

No.TSX F35003820171161

Name of Applicant: SHENYANG BLUELIGHT DRIVE TECHNOLGY CO., LTD.

TYPE-EXAMINATION CERTIFICATE ANNEXED TABLE (LIFT)

Certificate No.	TSX F35003820171161		
Equipment Type	Lift Ascending Car Overspeed Protection Means(speed reducing element)		
Product Name	Traction machine brake	Model/Type	DZE
No-load system mass range	1400 kg-7800 kg	Rated load range	450 kg-2000 kg
Structure type	External contacting electromagnetic drum	Rated speed range	0.50 m/s-4.0 m/s
Quantity	2	Working condition	Indoor
Explosion-proof method	Not applicable	Action part	Traction Sheave
Triggering Mode	Electric Trigger	Friction element material	Non-asbestos friction pad
Elastic element type	Cylindrical helical compression spring		
Self-monitoring configurationn	As a part of self-monitoring, two microswitches installed in the brakes verify the action (lift up and release) of mechnical device. (Note: microswitches must pass 2 million reliabili ty test. Meanwhile, type test report for related product should be provided)		

Notes:

1. The range of the system mass, rated load and rated speed are determined according to the type-test sample with the suspension ratio of 2:1 , the values of other actual suspension ratios can be obtained by the following formulas:

1 the applicable system mass=type-test system mass actual suspension ratio suspension ratio in type test;

2 the applicable rated load type-test rated load actual suspension ratio suspension ratio in type test;

3 the applicable rated speed type-test rated speed range actual suspension ratio s