



中国认可  
国际互认  
检测  
TESTING  
CNAS L0916

## TYPE-EXAMINATION CERTIFICATE OF SPECIAL EQUIPMENT (LIFT)

No. TSX F35003820170031

Name of Applicant:	Suzhou Mona Drive Equipment Co.Ltd.		
Registered Address of Applicant:	No.66 Changfengdang Road,Lili Town,Wujiang District,Suzhou city,215200 P.R.China		
Name of Manufacturer:	Suzhou Mona Drive Equipment Co.Ltd.		
Registered Address of Manufacturer:	No.66 Changfengdang Road,Lili Town,Wujiang District,Suzhou city,215200 P.R.China		
Product category:	Lift Safety Protection Device	Equipment Type:	Lift Ascending Car Overspeed Protection Means(speed reducing element)
Product Name:	Traction machine brake	Model/Type:	EMK9K
Initial Inspection Report No.	2017AF0458	The Verification Report No.	2022AF1002

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: EMK9K

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



Issued Date: 16-May-2017

Date for Recertification: 28-Sep-2022

Next Verification Before: 15-May-2027

### 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 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 F35003820170031		
Equipment Type	Lift Ascending Car Overspeed Protection Means(speed reducing element)		
Product Name	Traction machine brake	Model/Type	EMK9K
No-load system mass range	928 kg-3775 kg	Rated load range	320 kg-1150 kg
Structure type	Straightly driving electromagnetic drum	Rated speed range	0.50 m/s-2.50 m/s
Quantity	2	Action part	Traction Sheave
Mechanism spark-proof measure	Not applicable	Elastic element type	Cylindrical helical compression spring
Triggering Mode	Electric Trigger	Friction element material	Non-asbestos friction pad
Self-monitoring configuration	As a part of self-monitoring, two microswitches installed in the brakes verify the action (lift up and release) of mechanical device. (Note: microswitches must pass 2 million reliability test. Meanwhile, type test report for related product should be provided)		
Notes:	<p>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:</p> <p>1) the applicable system mass=type-test system mass × actual suspension ratio ÷ suspension ratio in type test;</p> <p>2) the applicable rated load =type-test rated load × actual suspension ratio ÷ suspension ratio in type test;</p> <p>3) the applicable rated speed =type-test rated speed range ÷ actual suspension ratio × suspension ratio in type test.</p> <p>2. Document ID No. XPSQ2022070043AENZS.</p> <p>3. Not applicable for electric lifts with inclined path.</p>		

