



Type Test Certificate for Special Equipment (Lifts)

Certificate Number: TSX F32002220200019

Applicant : Zhenjiang Chaoyang Machinery and Electrical Co., Ltd
Address of applicant : No.688, Youfang town, Yangzhong City, Jiangsu Province, China
Manufacturer : Zhenjiang Chaoyang Machinery and Electrical Co., Ltd
Address of manufacturer : No.688, Youfang town, Yangzhong City, Jiangsu Province, China
Classification : Safety device
Varieties : Safety gear
Product name : Progressive safety gear
Product model : CYAQ11B
Type test report number : ETC20F320019、ETC22F320YZ023

This product meets the requirements of Regulation for Type Test of Lifts (TSG T7007-2022), GB/T 7588.1-2020, GB/T 7588.2-2020, ISO 8100-1: 2019, ISO 8100-2: 2019, EN 81-20:2014(EN 81-20:2020), EN 81-50:2014(EN 81-50:2020).

Product models covered by this certificate: CYAQ11B

For product parameters and configuration covered by this certificate, see the table attached.

(Stamp)

Date of issue : 2020-08-14

Date of modification : 2022-08-01

Date of conformance verification : 2022-08-01

Deadline of next check : 2026-08-14

Shanghai Jiao Tong University Elevator Test Center

Note:1. The applicant is responsible for confirming that the products comply with the regulation and related standard specifications and are in accordance with the sample for type test.

2. The certificate is valid before the expiry date.

3. Period of validity of the certificate is always calculated from the date of issue even if the certificate is modified per request.

Attached table

Product Parameter and Configuration Table

Type	Progressive	Elastic element type	“π” spring
Expected mass	2900~5200(kg)	Rated speed	≤2.5m/s
Speed of governor	≤3.55m/s	Material of guide	Q235
Clamping (brake) element type	Groove shape	Material of clamping (braking) elements	Fixed wedge: 4Cr5MoSiV1 Sliding wedge: QSn6.5-0.1
Number of clamping (braking) elements	(Unilateral clamp body) Fixed wedge:1 Sliding wedge:1	Friction surface dimensions of clamping (braking) elements	Fixed wedge: 25mm×110mm Sliding wedge: 22mm×100mm
Hardness of guide rails' surface	110~143(HBW)	Width of guide rails' guiding surface (mm)	≤16mm
Processing method of the guide rails' surface	Planing	Condition of the guide rails' surface	Dry or Lubricated
Anti mechanical spark measures	/		

Note to attached table:

- 1、 When the parameter or configuration listed in the attached table has been changed, The type test must be done again.
- 2、 For the progressive safety , the total mass of the actual application can have 7.5% up and down deviations on the basis of the expected mass.
- 3、 The selection of the rail should be determined by the proof of guide rails.

Explanation of modification:

Type test report changes

No.	Item	Before change	After change	Date of change
1	Address of applicant	Tongde village, Youfang town, Yangzhong City, Jiangsu Province ,China	No.688, Youfang town, Yangzhong City, Jiangsu Province ,China	2022-08-01