



# Type Test Certificate for Special Equipment (Lifts)

**Certificate No. TSX F33002220170272**

**Applicant:** ZhenJiang ChaoYang Electromechanical Scientifical Co.,Ltd  
**Registered address of applicant:** No.688, Youfang town, Yangzhong City, Jiangsu Province ,China  
**Manufacturer:** ZhenJiang ChaoYang Electromechanical Scientifical Co.,Ltd  
**Registered address of manufacturer:** No.688, Youfang town, Yangzhong City, Jiangsu Province ,China  
**Category of equipment:** Lift safety protection component  
**Type of equipment:** Buffer  
**Name of product:** Hydraulic buffer  
**Model of product:** CYOB-47/207  
**Type test report No.:** ETC17F330272、ETC23F330YZ113

After type test, it is confirmed that the product complies with the requirements of TSG T7007-2022 *Regulation for Type Test of Lifts*、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) .

**Applicable product model(s) of the certificate:** CYOB-47/207

See appendix for applicable product parameters and configuration of the certificate.

(Stamp of organ)

**Issue date:** 2017-10-31

**Revision date:** 2022-10-28

**Recertification date:** 2023-09-21

**Revalidation date:** before 2027-10-31

**Shanghai Jiao Tong University Elevator Test Center**

**Note:**

1. The applicant has responsibilities to ensure that the products conform to the requirements of the safety technical specifications and relative standards, and to ensure that the quality and safety performance of products are consistent with the tested sample mentioned above.
2. This certificate is not applicable to product manufactured after the revalidation date.
3. If this certificate is revised, the validity period of the certificate remains unchanged.

## Appendix

### Applicable Product Parameters and Configuration

|                       |          |  |                        |
|-----------------------|----------|--|------------------------|
| Rated speed           | ≤1.75m/s | Maximum impact speed                         | 2.01m/s                |
| Minimum mass          | 250kg    | Maximum mass                                 | 3500kg                 |
| Maximum buffer stroke | 207mm    | Specification and volume for the liquid used | ISO VG68, 1.13L        |
| Throttling mode       | Conicity | Return mode                                  | Internal spring return |

#### Revisions Description:

### Revisions of Type Test Certificate

| No. | Item  | Original description  | Revised description   | Revision date |
|-----|---|---|---|---------------|
| 1   | Compliant safety technical specifications and standards | TSG T7007-2016<br><i>Regulation for Type Test of Lifts</i> 、GB 7588-2003+XG1-2015、EN81-20:2014、EN81-50:2014 | TSG T7007-2022<br><i>Regulation for Type Test of Lifts</i> 、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) | 2022-10-28    |