

**MAC**  
**Type Tests Certificate**  
**for Special Equipment**



No. TX B310-022-14 0101

**Name and address** Süther & Schön GmbH  
**of manufacturer:** Bonifaciusring 18,45309 Essen,Germany

**Type of product:** Rope terminations

**Name of product:** 14,52

**Product**  
**configuration:** See the annex

**Number of type**  
**tests report:** TX B310-022-14 0101

**Certificate issued**  
**on the basis of the** GB 7588-2003  
**requirements:** EN 81-1:1998

**The certificate covers the following scope (The product shall be configured as the annex)**

**Name of product:** 14,52

**Date of submission:** 2014-12-09

**Shanghai Jiao Tong University Elevator Test Center**

- Note:
1. This certificate is used to confirm the type of product with definite scope and only responsible for the test result of the sample.
  2. The owner of this certificate is responsible for confirming that the products comply with their standard specifications and are in accordance with the sample for type examination.
  3. Period of validity of this certificate is always calculated from the date of submission even if the certificate is modified.



# Special Equipment Type Tests Report

No: TX B310-022-14 0101

Equipment kind: Main components

Equipment type: Rope terminations

Product name: Rope terminations

Product type: 14,52

Applicant: Ningbo Suether& Schoen Lifting Equipment Co., Ltd.

Manufacturer: Süther & Schön GmbH



Shanghai Jiao Tong University  
Elevator Test Center





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## Type Tests Report

No: TX B310-022-14 0101

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Product name	Rope terminations	Product type	14.52
Serial number	12-13-W005	Date of manufacture completion	2014-08-10
Products covered	/		
Applicant	Name	Ningbo Suether& Schoen Lifting Equipment Co., Ltd.	
	Address	No.199th GuiAn South roads,Guangming villiage,Zhenghai district,Ningbo ,China	
Manufacturer	Name	Süther & Schön GmbH	
	Address	Bonifaciusring 18,45309 Essen,Germany	
Main design specification	Configuration model	Self-Locking Wedge Type	
	Steel rope nominal diameter(mm)	Φ10	
	Steel rope breaking load in 80%(kN)	35.20	
	Applicative environment	Normal indoor	
Test place	Shanghai Jiaotong University Elevator Test Center		
Date of testing	2014-12-01	Kind of testing	Type test
Product status & test conditions	OK	Examination items	All suitable items
Test rules	GB 7588-2003、EN 81-1:1998		
Test conclusion	Type tests passed		
Compiler:	张 亮		Approved certificate serial number:
Verifier:	张 亮		ES7610022-2017
Approver:	张 晓峰		Shanghai Jiao Tong University Elevator Test Center date of Issue: 2014-12-09

ES7610022-2017

Shanghai Jiao Tong University  
Elevator Test Center

date of Issue: 2014-12-09

检验报告专用章



## 1. Technical documents review

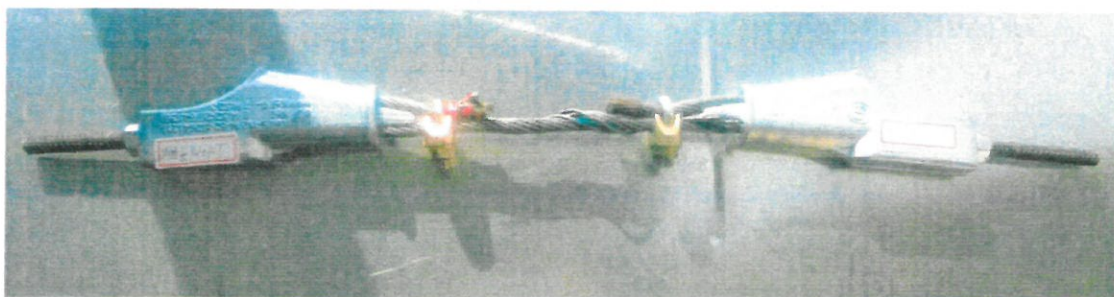
No.	Item number	Review item	Result	Conclusion
1	W2.1	Calculations	Pass	OK
2	W2.2	Product structure data	Pass	OK
3	W2.3	Others	Inapplicability	/

## 2. Test items、result and conclusion

No.	Item number	Test item	Result	Conclusion
1	W3.1	The junction shall be able to resist at least 80% at the minimum breaking load on the rope (35.20kN)	54.12kN	OK

### Annex:

#### 1. Photograph of the sample



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