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中国认可  
国际互认  
检测  
TESTING  
CNAS L0454

# Special Equipment Type Test Report

Report No. WT NET 18-003

Name of product: Lift guide rail

Model of product: T90/B

Applicant: Tianjin Sunrise Elevator Parts Co., Ltd.

Manufacturer: Tianjin Sunrise Elevator Parts Co., Ltd.

Type of inspection: Consignment Inspection



National Elevator Inspection and Testing Center

Name of product		Lift guide rail	Serial No. of sample	/
Model of product		T90/B	Production date	/
Applicant	Name	Tianjin Sunrise Elevator Parts Co., Ltd.		
	Address	North of Beihua Road, Beihuan industrial park, Jinghai, Tianjin		
Manufacturer	Name	Tianjin Sunrise Elevator Parts Co., Ltd.		
	Address	North of Beihua Road, Beihuan industrial park, Jinghai, Tianjin		
Receiving date	/	Sample No.	/	
Test date	2018-03-06			
Test place	Tianjin Sunrise Elevator Parts Co., Ltd.			
Test condition	Ambient temperature: 12.0°C, relative humidity: 50.0%			
Test basis	GB/T 22562 – 2008/ISO 7465:2007 Guide rails for lifts – T-type Applicant design drawing: SRS08B071			
Test conclusion	<p>The test results of the lift guide rail comply with the requirements of the test basis.</p>			



Issue date: 2018-03-07

Reported by: *[Signature]*

Verified by: *[Signature]*

Issued by: *[Signature]*

1. Main technical parameter and configuration of the sample

Material	Q235
Applicable environment	Indoor
Manufacturing process	Machined
Blade width	$16^{+0.1}_0$ mm
Guide rail height	$74 \pm 0.1$ mm
Blade height	$42^{+3}_0$ mm
Guide rail width	$90 \pm 1.5$ mm
Holes diameter	13mm
Guide height at the level of the machined surface for the location of the fishplate	$74 \pm 0.1$ mm

2. Technical document examination

No.	Examination items	Examination results
1	Checking material	Comply with requirements
2	Checking design standard or design drawing	Comply with requirements



*[Handwritten signature]*

## 3. Test items and test results

No.	Test items		Test results	
1	Guide rail width		89.94mm	
2	Guide rail length		5001mm	
3	Blade width		16.02mm	
4	Guide height at the level of the machined surface for the location of the fishplate		74.03mm	
5	Machined surface length		157mm	
6	Dimensions of key and keyway	Width of the key	6.34mm	
		Length of the key	6.36mm	
		Width of the keyway	6.43mm	
		Depth of the keyway	7.21mm	
7	Dimensions of holes	Distance between the axes of the holes	38.09mm	
		Distance between the axis of the farthest holes from the end of the guide rail and this end	114.31mm	
		Distance between the axis of the nearest holes to the end of the guide rail and this end	57.26mm	
8	Guide rail blade roughness	Side blade	Longitudinal	Ra1.09um
			Transverse	Ra2.77um
	Top blade	Longitudinal	Ra1.22um	
		Transverse	Ra2.76um	
9	Roughness of foot rear surface		Ra2.43um	
10	Blade shape		Comply with requirements	
11	Machined edge		Comply with requirements	
12	Holes in guide rails		Comply with requirements	
13	Marking for /BE class		/	

No.	Test items		Test results
14	Blade and surface for fishplate flatness at the guide rail ends	Side blade	0.04mm
		Top blade	0.03mm
		Surface for fishplate	0.05mm
15	Blade position and symmetry	Position	0.42mm
		Symmetry	0.42mm
16	Blade flatness	Side blade	0.04mm/mm
		Top blade	0.05mm/mm
17	Key and keyway symmetry  A-B	Key	0.04mm
		Keyway	0.03mm
18	Machined surface for fishplate perpendicularity		0.03mm
19	Key and keyway perpendicularity	Key and side blade	0.04mm
		Key and top blade	0.05mm
		Keyway and side blade	0.03mm
		Keyway and top blade	0.03mm
20	Hole axis symmetry		0.25mm
21	Width of the connecting part of the foot to the blade symmetry		0.49mm
22	Foot symmetry		0.65mm
23	Side and top blade perpendicularity		0.04mm
24	Protection for special environment		/

4. Sample photo



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