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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 20-142

Name of product: Lift guide rail  
Model of product: T89/B  
Applicant: Tianjin Sunrise Elevator Parts Co., Ltd.  
Manufacturer: Tianjin Sunrise Elevator Parts Co., Ltd.  
Type of inspection: Commission test



National Elevator Inspection and Testing Center

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Name of product		Lift guide rail	Serial No. of sample	/
Model of product		T89/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	2020-05-22			
Test place	Tianjin Sunrise Elevator Parts Co., Ltd.			
Test condition	Ambient temperature: 23.9℃, relative humidity: 47%			
Test basis	GB/T 22562 --2008/ISO 7465:2007 Guide rails for lifts – T-type Applicant design drawing: SRSG 07B053			
Test conclusion	<p>The test results of the lift guide rail comply with the requirements of the test basis.</p> <div style="text-align: right;">  <p>Issue date: 2020-05-25</p> </div>			

Reported by: 

Verified by: 

Issued by: 

## 1. Main technical parameter and configuration of the sample

Material	Q235B
Applicable environment	Indoor
Manufacturing process	Machined
Blade width	$16_0^{+0.1}$ mm
Guide rail height	$62 \pm 0.75$ mm
Blade height	$34_0^{+3}$ mm
Guide rail width	$89 \pm 1.5$ mm
Holes diameter	13mm
Guide height at the level of the machined surface for the location of the fishplate	$61 \pm 0.1$ 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



3. Test items and test results

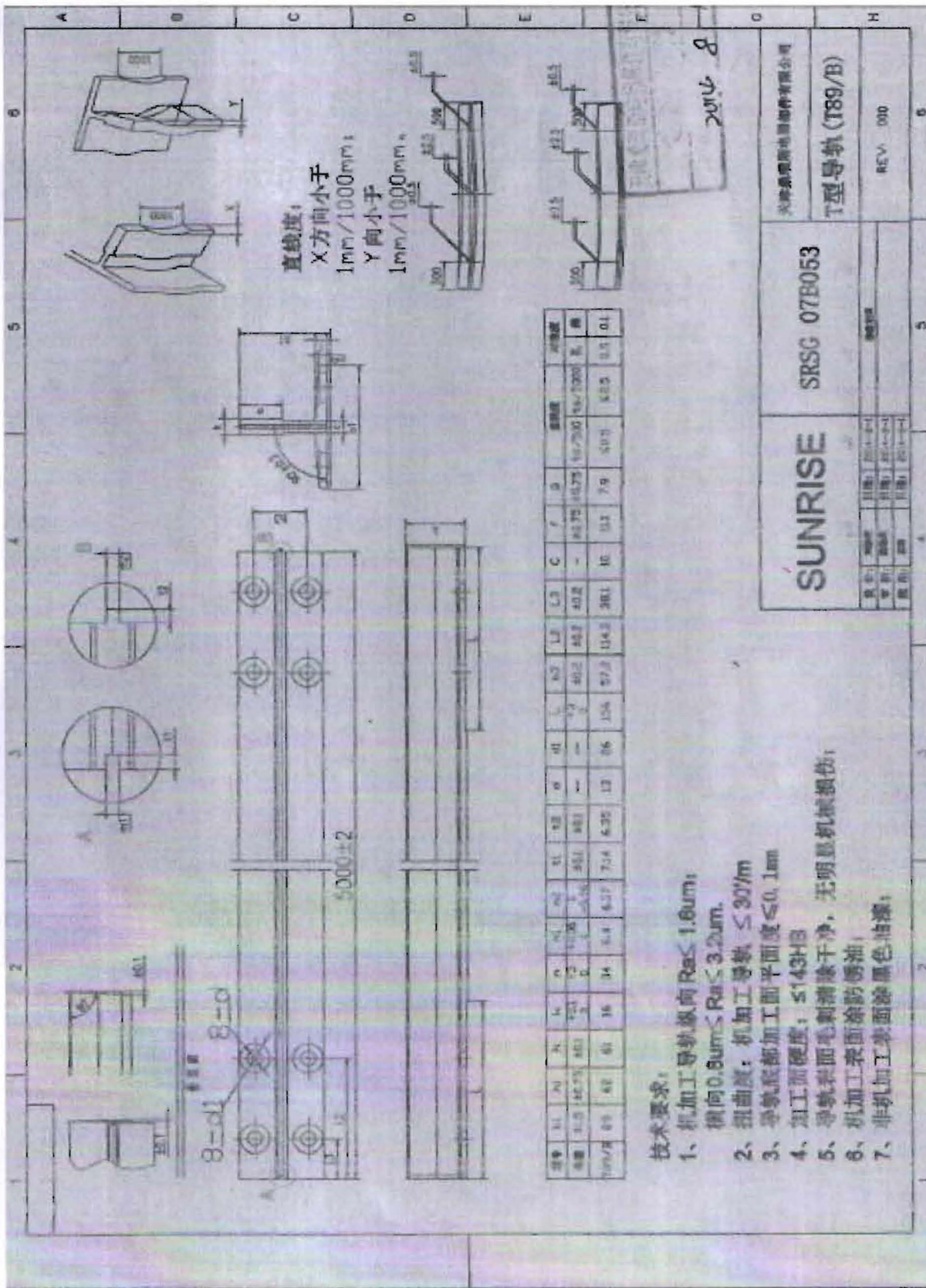
No.	Test items		Test results	
1	Guide rail width		89.55mm	
2	Guide rail length		4999mm	
3	Blade width		16.01mm	
4	Guide height at the level of the machined surface for the location of the fishplate		61.03mm	
5	Machined surface length		158mm	
6	Dimensions of key and keyway	Width of the key	6.36mm	
		Length of the key	6.34mm	
		Width of the keyway	6.43mm	
		Depth of the keyway	7.18mm	
7	Dimensions of holes	Distance between the axes of the holes	57.23mm	
		Distance between the axis of the farthest holes from the end of the guide rail and this end	114.32mm	
		Distance between the axis of the nearest holes to the end of the guide rail and this end	38.17mm	
8	Guide rail blade roughness	Side blade	Longitudinal	Ra0.38um
			Transverse	Ra2.02um
	Top blade	Longitudinal	Ra0.54um	
		Transverse	Ra3.01um	
9	Roughness of foot rear surface		Ra1.01um	
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	0.07mm
		Top blade	0.05mm
		Surface for fishplate	0.08mm
15	Blade position and symmetry	Position	0.78mm
		Symmetry	0.96mm
16	Blade flatness	Side blade	0.10mm
		Top blade	0.15mm
17	Key and keyway symmetry  A-B	Key	0.02mm
		Keyway	0.02mm
18	Machined surface for fishplate perpendicularity		0.06mm
19	Key and keyway perpendicularity	Key and side blade	0.05mm
		Key and top blade	0.05mm
		Keyway and side blade	0.05mm
		Keyway and top blade	0.06mm
20	Hole axis symmetry		0.19mm
21	Width of the connecting part of the foot to the blade symmetry		0.36mm
22	Foot symmetry		0.98mm
23	Side and top blade perpendicularity		0.05mm
24	Protection for special environment		/



4. Applicant design drawing



5. Sample photo

