检 测
CNAS L0454

2011000708Z

(2011)国认监认字(134)号

Special Equipment Type Test Report

Report No. T3-F35-12-033

Category of Equipment: Safety Protection Component

Type of Equipment: Lift Ascending Car Overspeed Protection Means

Name of Product: Lift Ascending Car Overspeed Protection Means

Model of Product: DZE

Applicant: Shenyang

NOTICE

1. Each type test certificate issued by National Elevator Inspection and Testing Center (abbreviation: NETEC), is corresponding to one type test report. The issue of type test certificate is based on the test conclusions of type test report.
2. Type test report is invalid without stamping the *Specialized Stamp* on the test report or issue date.
3. Type test certificate is invalid without stamping the *Specialized Stamp* or issue date.
4. Type test report is invalid without signatures of proper verification and approval.
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Chinese version shall prevail in case of any discrepancy between Chinese version and English version. English version is for reference only.

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NETEC

National Elevator Inspection and Testing Center

Type Test Report

Name of product	Unintended car overspeed protection means
Model of product	DZE
Type of application	Overspeed governor tripping for the traction elevator directly
Serial No. of sample	1260412
Production date	2012-05
Applicable type of speed monitoring device	Overspeed governor
Tripping speed range of the speed monitoring device	Standard: 0.58m/s~5.57m/s
Rated speed range of elevator	0.50m/s~4.00m/s
Speed range of the braked components when the means acts at the set monitoring device	1.50m/s~14.39m/s (corresponding tripping speed range of
System total mass range	1450kg~7800kg
Name	Shenyang Bluelight Drive Technology Co., Ltd.
Applicant	
Address	No.37 Shiji Road, Hunnan New District, Shenyang, Liaoning
Name	Shenyang Bluelight Drive Technology Co., Ltd.
Manufacturer	
Address	No.37 Shiji Road, Hunnan New District, Shenyang, Liaoning
/	
No abnormal	
All application items	
Receiving date	/
Sample No.	
Test date	2012-05-29
Sample state	
Test category	Type test
Test item	
Test place	No. 28 Weixin Road, SIP, Suzhou, Jiangsu
Test condition	Temperature:22℃~23℃, relative humidity: 65%~70%
Test basis	Rules for Type Test of Elevators (tryout) Rules for Type Test of Unintended Car Overspeed Protection Means (tryout) EN 81-1:1998 Safety Rules for the Construction and Installation of Lifts - Part 1: Electric Lifts
Test conclusion	The type test is certificated.
Note	Issued date of the Chinese version: June 28, 2012

Issued date: June 28, 2012

Prepared by: Reviewed by: Approved by:

SAMPLE'S MAIN TECHNICAL PARAMETERS AND CONFIGURATION

Model and name	DZL	Lift ascending car overspeed protection means			
Applicable work environment	Indoor				
Speed monitoring device	Name	Overspeed governor			
	Tripping speed range	Standard: 0.58m/s~0.73m/s			
	System total mass range	1450kg~7800kg	Car mass range	500kg~3000kg	
	Type of the brake components	Traction machine brake	Rated load range	450kg~2000kg	
	Balance coefficient range	0.40~0.50	Suspension ratio	2:1	
	Speed range of the braked components when that the means acts	1.50m/s~4.30m/s (corresponding tripping speed of the speed monitoring device)			
Speed reducing element					

Steel wire rope brake	Name	/	Model	/	
	Model and diameter of the ropes	/	Installation position	/	
	Tripping mode	/	Reset mode	/	
	Tripping force	/	Tripping travel	/	
Safety gears installed on car or counterweight	Name	/	Model	/	
	Installation position	/	Tripping mode	/	
	Model of applicable guide rails	/	Working face width of guide rails	/	
	Surface appearance of guide rails	/	Lubrication appearance of guide rails	/	
Model	DZL	Name	Brake		
Installation position	Traction machine	Brake acting on	Structure type	Two sets, block type	
Tripping mode	Electrical	Traction sheave or sheave shaft	Action position	Traction sheave	
Diameter of brake	482mm	Pitch diameter of traction sheave	480mm		
Use of compensation chains or ropes					

Name	Overspeed governor	Components used in accordance with GB7588 Annex F3, F4 and F6
Parameter range	Rated speed: 0.50m/s~4.00m/s	

1 Test items and test results

No.	Item No.	Test items	Test results	Conclusions

2.2 Ascending overspeed protection means test data

2.2.1 The maximum value condition of influential parameters

Product model	DZE		
Rated load	2000kg	System total mass	7800kg(including steel rop compensating chains, etc)
Car mass	3000kg	Balancing coefficient	0.50
Rated speed	4.00m/s	Tripping speed	5.57m/s

Item / Time	Tripping speed m/s	Maximum retardation m/s²	Brake distance m
1	5.364	2.162	9.7[illegible]
2	5.349	2.166	9.680
3	5.370	2.175	9.756
[illegible]	[illegible]	[illegible]	[illegible]

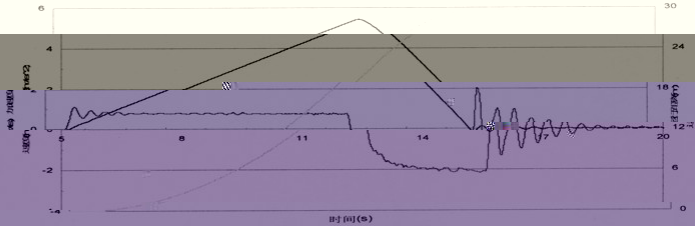
2.2 The [illegible]

Product model	DZE		
Rated load	450kg	System total mass	1450kg(in compens
Car mass	500kg	Balancing coefficient	0.40
Rated speed	0.50m/s	Tripping speed	0.58

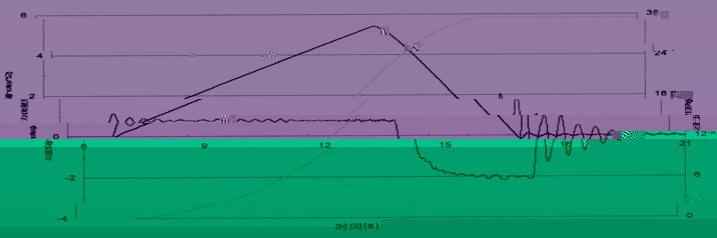
Item	Tripping speed	Maximum retardati
[illegible]	[illegible]	[illegible]

Appendix1 Test charts

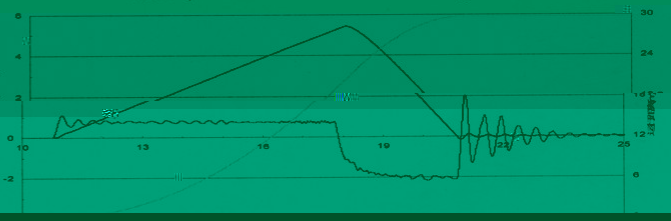
Rated speed: 4.00m/s Rated load: 2000kg First



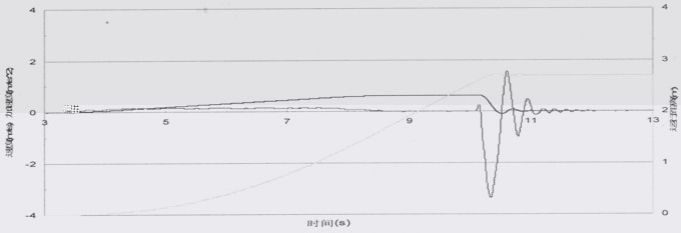
Rated speed: 4.00m/s Rated load: 2000kg Second



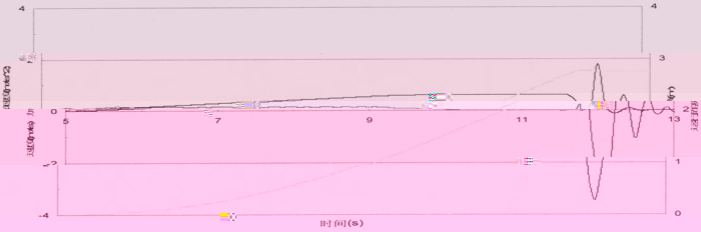
Rated speed: 4.00m/s Rated load: 2000kg Third



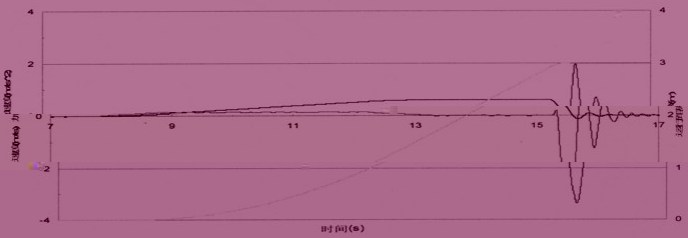
Rated speed: 0.50m/s Rated load: 450kg First



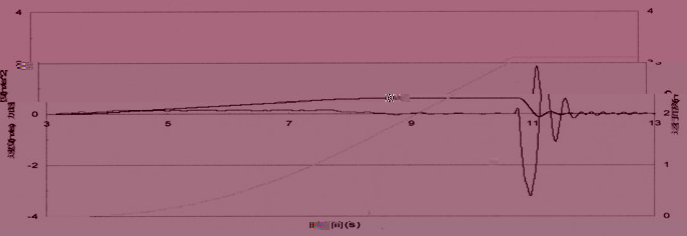
Rated speed: 0.50m/s Rated load: 450kg Second



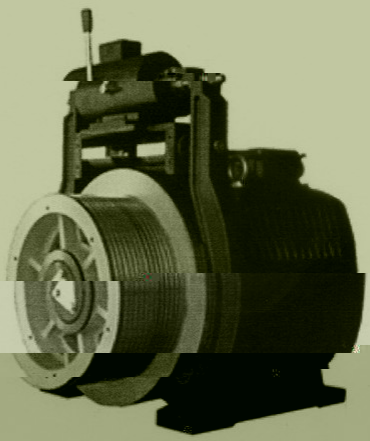
Rated speed: 0.50m/s Rated load: 450kg Third



Rated speed: 0.50m/s Rated load: 450kg Fourth



Appendix 2 Sample photo



CNAS L0454

201100070827

(2011)国认监认字(134)号

Certificate of Type Test for

Annex

Configuration of Lift Ascending Car Overspeed Protection Means

No. TX F350-003-12 0033

Structure type	Two sets, block type	Applicable environment	Indoor
Tripping mode	Electrical	Installation position	Traction machine
Action position	Traction sheave		

Issue date: [illegible]

Issued date of the Chinese version: June 28, 2012