ZERTIFIKAT ◆ CERTIFICATE ◆ 認証証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Industrie Service

Certificate
Examination of Conformity

Certificate no.:	KP 071/1
Notified body:	TÜV SÜD Industrie Service GmbH Westendstr. 199 80686 München - Germany
Applicant/ Certificate holder:	EITA-SCHNEIDER (MFG) SDN.BHD. Lot 4, Block A, Jalan SS 13/7, Subang Jaya Industrial Estate, 47500 Subang Jaya, Selangor Darul Ehsan - Malaysia
Date of application:	2014-03-16
Manufacturer:	EITA-SCHNEIDER (MFG) SDN.BHD. Lot 4, Block A, Jalan SS 13/7, Subang Jaya Industrial Estate, 47500 Subang Jaya, Selangor Darul Ehsan - Malaysia
Product:	Traction drive Dumbwaiter lift
Type:	ESDw 100, ESDw 200, ESDw 300
Test laboratory:	TÜV SÜD Industrie Service GmbH Prüflaboratorium für Produkte der Fördertechnik Prüfbereich Maschinen der Fördertechnik Westendstr. 199 80686 München - Germany
Date and number of the test report:	2014-05-20 KP 071/1
EC-Directive:	2006 / 42 / EC Annex 1
Validity:	2019-05-19
Result:	The model lift conform the essential safety requirements of the Directive for the respective scope of application stated on page 1 - 2 of the annex to this certificate keeping the mentioned conditions. This certificate "Examination of conformity" is a substitute for the "Certificate" KP 071 dated 2011-04-04
Date of issue:	2014-05-20

Zertifizierungsstelle für Produkte der Fördertechnik

Chadi Noureddine

TÜV SÜD Industrie Service GmbH

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Annex to the certificate of conformity
No. KP 071/1 dated 2014-05-20

1. Scope of application

Traction drive Dumbwaiter lift.

1.1 Technical data

Type:	ESDw 100	ESDw 200	ESDw 300
Rated load [kg]:	100	200	300
Number of persons:	---	---	---
Car width [mm]:	700	900	1000
Car depth [mm]:	700	900	1000
Useful area of the car max. [m²]:	0,49	0,81	1.0
Door width [mm]:	800	900	1000
Door height [mm]:	1200		
Max. mass of car [kg]:	160	260	390
Position of the traction machine :	In a separate room above the shaft		
Control system:	Call & send control system		
Max. rated speed [m/s]:	0,50		
Max. number of stops:	According to the travel height		
Max. number of entrances to the car:	2		
Counterweight balance:	50 %		
Diameter of suspension ropes [mm]:	8		
Number of suspension ropes:	3		
Suspension:	1:1		
Min. breaking load of suspension ropes [N]:	33000		
Diameter of speed governor rope [mm]:	8		
Min. breaking load of governor rope [N]:	33000		
Diameter of traction sheave [mm]:	320		
Wrapping angle [°]:	165		
Groove type:	Semi-circular with undercut		
Undercut angle β [°]:	90		
Groove angle [°]:	30		
Min. head room [mm]:	3000		
Min. pit depth [mm]:	800		
Guide rails car:	T 50/A 50 / 50 / 5		
Guide rails counterweight:	T 50/A 50 / 50 / 5		
Distance between the guide shoes of the car [mm]:	1350		
Distance between the guide shoes of the counterweight [mm]:	1500		
Max. distance between guide brackets [mm]:	1350		
Max. travel height [m]:	60		

1.2 List of safety components

1.2.1 Safety gear up to max. V = 0.63 m/s rated speed

Type	Permissible total weight of car, rated load, travelling cable [kg]	Surface condition of guide rail	Manu-facturer
AS07	1500	oiled	Cheng Xiang

1.2.2 Over speed governor

Type	Tripping speed (m/s)	Comment	Manu-facturer
XS260	0.63	Used as arresting device acting in down direction; rope: 6 - 8 mm	Ningbo Yinzhou

1.2.3 Energy dissipation type buffers for car and counterweight

Type	Impact speed (m/s)	Permissible Impact weight (kg)	Number	Manu-facturer
1	≤ **1.0**	1800	1 for car 1 for counterweight	Eita

1.2.4 Locking devices for landing doors

Type	Type of landing doors	Manu-facturer
XA-1	Two panel vertical opening	Xingan

2. Conditions

2.1 The lift must not be installed at locations with explosive atmosphere.

2.2 One copy of the operating manual including a maintenance manual must be kept at the operating location.

3. Remarks

3.1 In order to place the lift, the requirements outlined in Directive 2006/42/EC .

3.2 The following documents must be enclosed with the technical documentation of each lift as a minimum requirement:

- Certificate of conformity KP 071-1 dated 2014-05-20
- Drawings No.: ESDw100 – ESDw200 with certification stamp dated 2011-04-04 and ESDw300 with certification stamp dated 2014-04-20
- Data sheet of lift system as per EN 81-3:2000+A1:2008+AC:2009(D), Annex C (2), including list of safety components used, including specification of special features.
- Installation drawing of the lift system
- Wiring diagram with references to system-specific options

3.3 The certificate of conformity may be used only in connection with the pertinent annex.