



EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A

**EU TYPE EXAMINATION CERTIFICATE
FOR TRACTION DRIVE PASSENGER ELEVATOR (LIFT)
EUROPEAN LIFT DIRECTIVE 2014/33/EU ANNEX IV (MODULE B)**

Manufacturer's/Applicant's- Certificate Holder's Name	: <i>Sail Intelligent Elevator (Suzhou) Co., Ltd.</i>
Address	: <i>No.999, Badu Lingang Development Zone (Fegnin Bay) Zhenze Town, Wujiang District, Suzhou City, Jiangsu Province, P.R. China.</i>
Certificate No.	: <i>LIMB.0068</i>
Product Type	: <i>Machine Room Passenger Lift</i>
Product Model	: <i>SAIL-TKJ(Technical Description Attached) Annex A: Technical Specifications Annex B: List of Safety Components Certificates</i>
Directives/Standards	: <i>2014/33/EU, EN 81-20:2014</i>
Checklist Report No.	: <i>LIMB.0068R</i>

On manufacturer's request, it is hereby certified that the aforementioned notified body, EUROCERT SA, with identification number **1128**, has assessed the above representative model of Machine Room Passenger Lift, in accordance with the requirements of European Lift Directive 2014/33/EU Annex IV (Module B), with satisfactory results.

Preconditions:

A lift, manufactured in conformity with the above described model lift, must be submitted by the installer to Final Inspection procedure according to annex V of European Lift Directive 2014/33/EU (Final Inspection) before being placed in use.

The installer of the lift, if it satisfies the provision of the Directive, shall affix the CE marking with the Identification Number of the involved to the Final Inspection notified body and draw up an EU Declaration of Conformity.

Issue date: 19/11/2018

INSPECTOR

CHAD WANG



FOR EUROCERT SA

George M. Sifonios
Director of Development

Please check the validity of the certificate from our website using the password xQ2uyX6S

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Product Certification
Cert. No. 21
AT113.6/E20/26-01-09

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**Annex A: Technical Specifications
Belonging to Certificate Number: LIMB.0068**

Technical Specifications	Parameters / Range		
Type of Lift	Machine Room Passenger Lift		
Type of Driving System	Traction		
Machine Room Position	Upper		
Permissible Rated Load mass (kg)	450	630	800
Car Weight (kg)	600-1200	600-1200	750-1200
Capacity (no. of persons)	6	8	10
Max Traveling Distance (m)	90	90	125
Diameter of Pulley (mm)	Φ320, Φ400, Φ420	Φ320, Φ400, Φ420	Φ400, Φ420
Rated Speed (m/sec)	1.0, 1.5, 1.75	1.0, 1.5, 1.75, 2.00	1.0, 1.5, 1.75, 2.00
Type of Motor	MCK100, MCK200, MY05, GTW9, FRD40D	MCK100, MCK200, MY05, GTW9, FRD40D	GETM3.0H, MCK200, MY05, GTW9, FRD40D
min-max. Car Dimensions (Area m ²)	1.17-1.30	1.45-1.66	1.73-2.00
Type of Doors	Automatic power operated central opening door or Automatic power operated side opening door		
Guide Rail of the Car	T75, T82-3, T89/B	T75, T82-3, T89/B	T75, T82-3, T89/B
Guide Rail of the Counterweight	TK5A, T75		
Distance Between Brackets (car guide rails) (m)	2.5(max.)		
Number of wire Rope	4,5	4,5	4,5,6
Wire Rope Diameter (mm)	Φ8, Φ10	Φ8, Φ10	Φ8, Φ10
Suspension Type (Ratio)	2:1		
Compensation Chain	Available		



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Technical Specifications	Parameters / Range		
Type of Lift	Machine Room Passenger Lift		
Type of Driving System	Traction		
Machine Room Position	Upper		
Permissible Rated Load mass(kg)	1000	1050	1150
Car Weight(kg)	900-1350	900-1350	1000-1350
Capacity (no. of persons)	13	14	15
Max Traveling Distance (m)	125	90	140
Diameter of Pulley (mm)	Φ400, Φ450, Φ560	Φ400, Φ450, Φ560	Φ340, Φ400, Φ450, Φ560
Rated Speed (m/sec)	1.0, 1.5, 1.75, 2.0, 2.5, 3.0, 4.0	1.0, 1.5, 1.75, 2.0, 2.5, 3.0, 4.0	1.0, 1.5, 1.75, 2.0, 2.5, 3.0, 4.0
Type of Motor	GTNH2, GETM3.0H, MCK200, MY05, GTW9, FRD32	GTNH2, GETM3.0H, MCK200, MY05, GTW9, FRD32	GTNH2, GETM3.5H, MCK200, GTW9, FRD32
min-max. Car Dimensions (Area m ²)	2.15-2.40	2.29-2.50	2.43-2.70
Type of Doors	Automatic power operated central opening door or Automatic power operated side opening door		
Guide Rail of the Car	T75, T82-3, T89/B	T75, T82-3, T89/B, T114/B	T82-3, T89/B, T114/B, T127-1/B
Guide Rail of the Counterweight	TK5A, T75		
Distance Between Brackets (car guide rails)(m)	2.5(max.)		
Number of wire Rope(mm)	5,6,10	5,6,10	5,6,7,8,10
Wire Rope Diameter (mm)	Φ10, Φ13	Φ10, Φ13	Φ8, Φ10, Φ13
Suspension Type	2:1		
Compensation Chain	Available		





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Technical Specifications	Parameters / Range		
Type of Lift	Machine Room Passenger Lift		
Type of Driving System	Traction		
Machine Room Position	Upper		
Permissible Rated Load mass(kg)	1250	1350	1600
Car Weight(kg)	1150-1400	1200-1500	1500-2300
Capacity (no. of persons)	16	18	21
Max Traveling Distance (m)	140	140	140
Diameter of Pulley (mm)	Φ400, Φ450, Φ485, Φ550, Φ560	Φ400, Φ450, Φ485, Φ530, Φ550, Φ560	Φ400, Φ450, Φ485, Φ530, Φ550, Φ560
Rated Speed (m/sec)	1.0, 1.5, 1.75, 2.0, 2.5, 3.0, 4.0	1.0, 1.5, 1.75, 2.0, 2.5, 3.0, 4.0	1.0, 1.5, 1.75, 2.0, 2.5, 3.0, 4.0
Type of Motor	GTNH2, WTYF380, GETM6.0H, MCK300, GTW10M, FRD40A	GTNH2, WTYF380, GETM6.0H, MCK300, GTW10M, FRD40A	GTNH2, WTYF380, GETM6.0H, MCK300, GTW10M, FRD40A
min-max. Car Dimensions (Area m ²)	2.59-2.90	2.85-3.10	3.25 -3.50
Type of Doors	Automatic power operated central opening door or Automatic power operated side opening door		
Guide Rail of the Car	T82-3, T89/B, T114/B, T127-1/B	T82-3, T89/B, T114/B, T127-1/B	T82-3, T89/B, T114/B, T127-1/B
Guide Rail of the Counterweight	TK5A, T75		T75/B, T59/B, T90/B
Distance Between Brackets (car guide rails)(m)	2.5(max.)		
Number of wire Rope(mm)	6,7,8,10	6,7,8,10,12	7,8,9,10,12
Wire Rope Diameter (mm)	Φ10, Φ13	Φ10, Φ13	Φ10, Φ13
Suspension Type (Ratio)	2:1		
Compensation Chain	Available		





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**Annex B: Safety Components Specification
Belonging to Certificate Number: LIMB.0068**

Safety Component Description	Model / Manufacturer / Certificate data	
Safety Gear	<i>OX-188/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0133/17</i>	
	<i>OX-210A/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0134/17</i>	
	<i>LSG01/ Shanghai Liftech Elevator Accessories Co., Ltd./ 795/IT/28.04.2017</i>	
	<i>AQ11A/Hebei DongfangFuda Machinery Co., Ltd./ 773/NT/26.04.2017</i>	
	<i>AQ11B/Hebei DongfangFuda Machinery Co., Ltd./EU-SG 888</i>	
	<i>AQ11C/Hebei DongfangFuda Machinery Co., Ltd./EU-SG 889</i>	
	<i>AQ11D/Hebei DongfangFuda Machinery Co., Ltd./ EU-SG 890</i>	
	<i>AQ5Z/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0082/16</i>	
	<i>AQ5Z/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0095/16</i>	
	<i>AQ32KB/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0103/16</i>	
	<i>AQ10A/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0126/17</i>	
	Overspeed Governor	<i>XS1/Hebei DongfangFuda Machinery Co., Ltd./774/TE/26.07.2017</i>
		<i>OX-240/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0129/17</i>
<i>OX-187/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0127/17</i>		
<i>XS200/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0084/16</i>		
<i>XS250/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0083/16</i>		
Door Locking Device	<i>MKG-161-01/NBSL Elevator Components Co. Ltd/EU-DL 1021</i>	
	<i>MKG-161-01(2S)/NBSL Elevator Components Co. Ltd/EU-DL 1042</i>	
	<i>MKG-161-01(4CO)/NBSL Elevator Components Co. Ltd/EU-DL 1041</i>	
	<i>KS209/C2 / Suzhou Eshine Elevator Components Co., Ltd./EU-DL 763</i>	
	<i>KS209/S2 / Suzhou Eshine Elevator Components Co., Ltd./EU-DL 795</i>	
	<i>MS209/C2 / Suzhou Eshine Elevator Components Co., Ltd./EU-DL 1022</i>	
	<i>MS209/S2 / Suzhou Eshine Elevator Components Co., Ltd./EU-DL 1023</i>	
	<i>IL-32161-1/Ningbo Ouling Elevator Components Co., Ltd/LF/KSA/A-C-0093/16</i>	
	<i>XTA-3A/Hangzhou Optimax Tech Co. Ltd. /SCMB.0110</i>	



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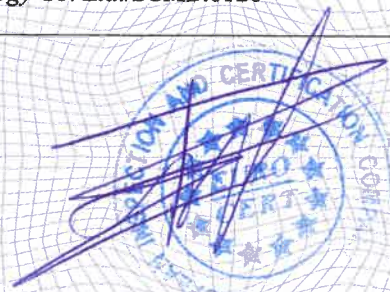




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**Annex B: Safety Components Specification
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Safety Component Description	Model / Manufacturer / Certificate data	
Unintended Car Movement Protection Means(UCMP)	DZD1-500/ Zhejiang XiziForvorda Electrical Machinery Co.,Ltd. / EU-BD 1025	
	DZD1-653/ Zhejiang XiziForvorda Electrical Machinery Co.,Ltd. / EU-BD 931	
	FZD12A/ Suzhou Torin Drive Equipment Co.,Ltd. / EU-BD 991	
	FZD12C/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 1032	
	PZD140/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 968	
	FZD14/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 1033	
	EMK9K/ Suzhou Mona Drive Equipment Co.,Ltd./ NL 17-400-1002-263-01	
	EMK12K/ Suzhou Mona Drive Equipment Co.,Ltd./ NL 17-400-1002-263-01	
	VED40/ Zhejiang Furder Drive Technology Co., Ltd./ SCMB.0036	
	DZS/ Ningbo Xinda Elevator Accessories Co., Ltd./ SCMB.073	
	MEKB(2x710) / Zhejiang MATO Equipment Co. Ltd. / SCMB.0143	
	MEKB(2x850) / Zhejiang MATO Equipment Co. Ltd. / SCMB.0143	
	MCTC-SCB-A1/Suzhou Inovance Technology Co. Ltd./SCMB.0119	
	MCTC-SCB-D/Suzhou Inovance Technology Co. Ltd./SCMB.0120	
Ascending Car Overspeed Protection Means	DZD1-500/ Zhejiang XiziForvorda Electrical Machinery Co.,Ltd. / EU-BD 1025	
	DZD1-653/ Zhejiang XiziForvorda Electrical Machinery Co., Ltd. / EU-BD 931	
	FZD12A / Suzhou Torin Drive Equipment Co.,Ltd. / EU-BD 991	
	FZD12C/ Suzhou Torin Drive Equipment Co., Ltd. / EU-BD 1032	
	PZD140/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 968	
	FZD14/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 1033	
	EMK9K/ Suzhou Mona Drive Equipment Co.,Ltd./ NL 17-400-1002-263-01	
	EMK12K/ Suzhou Mona Drive Equipment Co.,Ltd./ NL 17-400-1002-263-01	
	VED40/ Zhejiang Furder Drive Technology Co., Ltd./ SCMB.0131	
	DZS/ Ningbo Xinda Elevator Accessories Co., Ltd./ SCMB.0062	
	MEKB(2x710) / Zhejiang MATO Equipment Co. Ltd. / SCMB.0142	
	MEKB(2x850) / Zhejiang MATO Equipment Co. Ltd. / SCMB.0142	
	Safety Circuits Containing Electronic Components	MCTC-SCB-A1/Suzhou Inovance Technology Co. Ltd./SCMB.0119
		MCTC-SCB-D/Suzhou Inovance Technology Co. Ltd./SCMB.0120

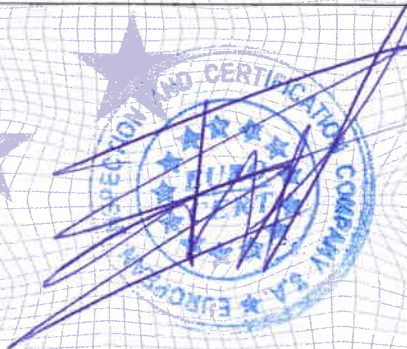




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**Annex B: Safety Components Specification
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<i>Buffer</i>	<i>OH-175/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0159/17</i>
	<i>OH-210/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0131/17</i>
	<i>OH-275/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0188/18</i>
	<i>OH-425/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0189/18</i>
	<i>E100 / Shanghai Iniee Industry Co., Ltd. / SCMB.0138</i>
	<i>E165 / Shanghai Iniee Industry Co., Ltd. / SCMB.0139</i>
	<i>YH45/70/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-574515</i>
	<i>YH46/155/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-574516</i>
	<i>YH47/207/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-574517</i>
	<i>YH48/270/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-574518</i>
	<i>YH49/425/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-574519</i>
	<i>YH51/80/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-516942</i>
	<i>YH73A/210/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-6222218</i>
	<i>YH87/1112/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-574524</i>
	<i>YH86/845/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-574523</i>
	<i>YH85/630/Hebei DongfangFuda Machinery Co., Ltd./ BSI-LB-574521</i>
	<i>YHB/70/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0085/16</i>
	<i>YHB/160/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0086/16</i>
	<i>YHB/210/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0087/16</i>
	<i>YHA/275/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0088/16</i>
	<i>YHA/425/Shijiazhuang Tong'an Machinery Co., Ltd./LF/KSA/A-C-0089/16</i>



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