



Italia

EU type-examination certificate

L/D 2014/33/UE Ann. IV-B

Certificate no.: EATE 037/3

Notified body: TÜV Italia S.r.l
Via Carducci,125
20099 – Sesto San Giovanni,
Milan-Italy

**Applicant/
Certificate holder:** EITA-SCHNEIDER (MFG) Sdn. Bhd.
Lot 98218(P.T.69154), Jalan Astana 1/KU2,Bandar Bukit
Raja 41050 Klang,Mukim Kapar, Daerah Klang,
Selangor Darul Ehsan, Malaysia

Date of application: 2016-12-27

Manufacturer: EITA-SCHNEIDER (MFG) Sdn. Bhd.
Lot 98218(P.T.69154), Jalan Astana 1/KU2,Bandar Bukit
Raja 41050 Klang,Mukim Kapar, Daerah Klang,
Selangor Darul Ehsan, Malaysia

Product: Traction driven elevator without separate machine
room

Type: LX 450-750-975-1275-1575-2040

Test laboratory: TÜV Italia S.r.l
Via Carducci,125
I-20099 Sesto San Giovanni (MI)

Number of test report: UMA170703-02-722131661 Rev_4_722227550

Standard Standard EN 81-20: 2014, EN 81-50:2014

Statement: The model lift satisfies the essential safety
requirements of the directive 2014/33/EU for the
scope of application as stated in the Annex (pages1-
5) to this EU type-examination certificate.

Date of issue: 2020-06-05
Date of first issue: 2017-08-30

This certificate is valid only if accompanied by the pertinent annex



PRD N° 081B

Membro degli Accordi di Mutuo Riconoscimento
EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual
Recognition Agreements



Alberto Carelli

Industry Service Director
TUV Italia S.r.l.

Notified Body Identification Number:
0948



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Annex to the EU type-examination certificate No. EATE 037/3 dated 2020-06-05

1. Scope of application:

Traction driven lift without separate machine room (MRL 2:1)

1.1 Technical data – Range:

Type: LX	450-2040								
Rated load [kg]:	450	600	750	975	1275	1575	1800	2040	
Number of persons:	6	8	10	13	17	21	24	26	
Max. Useful area of the car [m ²]: acc. to EN81-20 Art. 5.4.2 Table 6	1.3	1.6	1.9	2.35	2.95	3.56	3.88	4.2	
Door width [mm]:	800 - 1200								
Door height [mm]:	2000 - 2300								
Max. mass of car [kg]:	900	950	1050	1150	1450	1700	2000	2300	
Traction machine:	PM-Gearless Traction machines								
Position of the traction machine:	In the head room of the shaft								
Controller:	Full selective collective control								
Rated speed [m/s]:	1.0 - 2.0							0.5- 2.0	
Max. number of accesses to the car:	2								
Counterweight balance:	45% - 50%								
Diameter of suspension ropes [mm]:	10					11 - 12		12	
Number of suspension ropes:	4			5	6	5 - 6		6	
Min. breaking force of suspension ropes [kN]	49					62.6 - 69		69	
Diameter of over speed governor rope [mm]:	6 - 8								
Min. breaking force of governor rope [kN]:	17 -28								
Suspension:	2:1								
Diameter of traction sheave [mm]:	400					440 - 485		485	
Warping angle [°]:	180°								
Groove type:	Semi-circular with undercut								
Undercut angle β [°]:	95°								
Groove angle [°]:	30° – 35°								
Min. head room [mm]:	4600 - 5200								
Min. pit depth [mm]:	1600 - 2100								
Guide rails car ISO 7465 → oiled, dry/machined:	T 75-3/A-B			T 89/A-B			T114/B		
Guide rails counterweight:	T 50/A or T 75-3/A-B or T89/A-B								
Max. distance between the guide shoes of the car [mm]:	3800								
Max. Distance between the guide shoes of the counterweight [mm]:	3400								
Max. distance between guide brackets [mm]:	2000								
Max. travel height [m]:	80								

1.1.1 Recommended weight of the Compensation Chain

Rated Load [kg]	Car weight [kg]	Speed [m/s]	Max. Travel [m]	Weight of the Compensation Chain [kg]		
450	900	1.0	60	0		
		1.5				
		1.75				
600	950	1.0		60	0	
		1.5			20	
		1.75			0	
		2			20	
750	1050	1.0			60	0
		1.5				20
		1.75				40
		2.0				70
975	1150	1.0				80
		1.5	140			
		1.75	160			
		2.0	200			
1275	1450	1.0	80	260		
		1.5		275		
		1.75		300		
		2.0		102		
1575	1700	1.0		80	170	
		1.5			220	
		1.75			180	
		2.0			240	
1800	2000	1.0			80	280
		1.5				350
		1.75				50
		2.0				150
2040	2300	0.5	80			250
		1.0				300
		1.5				300
		1.75				350
		2.0				350

Note: For the intermediate values of the rated load, the car weight, the rated speed and the traveling height, the recommended weight of the Compensation Chain need to be calculated by the manufacturer.

1.2 List of safety components used



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1.2.1 Safety gear:

Type	Certificate-No.	Notified Body	Permissible total weight [kg]	Surface condition of guide rail
QJB2500	EU SG-950	0036	min. 1200 – max. 4672/6000 max. tripping speed 3.23	machined and dry/oiled
AQQ125-01	EU SG-1019	0036	min. 785 – max. 2778 max. tripping speed 3.25 m/s	machined and dry/oiled
AQ32KB	LF/KSA/A-C-0103/16	0437	Min. 822 – max.2800 max. Tripping speed 2.62	machined and dry/oiled

1.2.2 Combination of braking devices as ascending devices (Art.5.6.6) and uncontrolled movement of the car (Art. 5.6.7)

Type	Certificate-NB.	Notified Body	Permissible Brake torque Nm	Permissible tripping Turning (min ⁻¹)
FZD12A	EU BD 991	0036	2 x 900	300
DZD1-500	EU BD 1025	0036	2 x 922	223
PZD140	EU BD 968	0036	2 x 1699	159
PZD220A	EU BD 967	0036	2 x 2400	160
ZLZ-02	EU BD 958	0036	2 x 990	299
ZLZ-05	EU BD 959	0036	2 x 1625	248
ZLZ-08	EU-BD 943/2	0036	2 x 1563	258
ZTW495-2X925	NL13-400-1002-179-06	0400	2 X 735	70 / 135
ZTW500-2X1050	NL13-400-1002-179-20	0400	2 X 920	120
ZTW	LF/KSA/A-C-0125/17	0437	2 x 2400	130
YLZK4600/0.3-29	EU BD 1100	0036	3400	80 /220

1.2.3 UCM Control system:

Type	Certificate-No.	Notified Body	Manufacturer
LIMAX Safe SG/SC	TÜV-A-AT-1-15-0401-EUES-1	0408	ELGO-BATSCALE AG
LIMAX33 CP	EU-ESD 030/1	0036	ELGO-BATSCALE AG
SM11B v.3.4	44 208 16050002	0044	STEP electronic
ENA3	TUV-A-AT-1-11-0282-EUES-3	0408	Variotech
REA3	TUV-A-AT-1-13-0358-EUA3-3	0408	Variotech

1.2.4 Over speed governor:

Type	Certificate No.	Notified Body	Tripping speed (m/s)	Comment
XSQ115-13	EU OG 276	0036	0.58 – 3.34	arresting device acting in down direction rope:6-8 mm
EOS 300	TUV-A-AT-1-14-0385-EUGB-3	0408	0.41 – 3.55	arresting device acting both directions rope:6-8 mm



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LK 315	EU-OG186	0036	0.4 – 3.24	arresting device acting both directions rope:6-8 mm
OL25	EU-OG275	0036	Max. 3.09	arresting device acting in down direction rope:8 mm

1.2.5 Energy dissipation type buffers for car and counterweight:

Type	Certificate No.	Notified Body	Permissible total weight (kg)	Impact speed (m/s)	Number car / counterweight
HYF80B	EU B 061	0036	600 – 3000	max. 1.15	1 / 1
HYF175A	EU B 062	0036	600 – 3000	max. 1.84	1 / 1
HYF210C1	EU B 067	0036	600 - 3500	Max. 2.01	1 / 1
HYF275E	EU B 068	0036	860 - 3500	Max. 2.3	2 / 1
YH/80	LF/KSA/A-C-0109/17	0437	900 - 3500	Max. 1.0	1 / 1
YHB/160	LF/KSA/A-C-0086/16	0437	600 - 3500	Max. 1.5	1 OR 2/1
YHB/210	LF/KSA/A-C-0087/16	0437	600 - 3500	Max. 1.75	1 OR 2/1
YHA/275	LF/KSA/A-C-0088/16	0437	680 - 3500	Max. 2.0	1 OR 2/1

1.2.6 Locking devices for landing doors:

Type	Certificate-No.	Notified Body	Type of landing doors
KS 209/S2	EU-DL 795	0036	One sided or centre-opening sliding
KS209/C2	EU-DL 763	0036	One sided or centre-opening sliding
40/10	NL16-400-1002-075-05	0400	One sided or centre-opening sliding
Premium	NL16-400-1002-075-07	0400	One sided or centre-opening sliding
01/C	EU-DL 810	0036	One sided or centre-opening sliding
EDD 161	EU-DL 803	0036	One sided or centre-opening sliding
MKG161-01	EU-DL 1021	0036	One sided or centre-opening sliding
MKG161-01 (2S)	EU-DL 1042	0036	One sided or centre-opening sliding

2.0 Conditions

- 2.1 The lift must not be installed at locations with explosive atmosphere.
- 2.2 The temperature in the lift well must be ensured between +5° C and +40° C.
- 2.3 One copy of the electrical diagram, maintenance manual as well as operating manual including UCM test procedure must be kept at the operating location.
- 2.4 This system can be used for fire-fighting purposes, provided the installation and layout complies to DIN EN 81-72 or the national fire regulations of the country in which this lift is to be installed.



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- 2.5 Unrestricted access to the controller must be ensured (controller must not be located in a private area).
- 2.6 The electrical devices in the controller must be protected according to Protection class IP2X as a minimum.
- 2.7 The controller must be protected against splash water.
- 2.8 The controller must be installed in weather proof areas. If the controller is installed outside, the atmospheric conditions and their influences on the lift system must be examined separately.
- 2.9 A horizontal clearance of at least 70 cm is required in front of the controller. If the space in front of the controller is accessible to the public, horizontal clearance of at least 120 cm is required. In special cases, even greater clearance may be necessary. It is essential that a free working-space depth of 70 cm is ensured under all circumstances. Additionally, depending on the extent of frequentation by the general public and activities near the controller, it may be necessary to cordon off the cabinet, when work is performed on the controls, if the cabinet is not located in a separate room that can be locked up.
- 2.10 All conditions set out in 5.2.6.4 of EN 81-20 shall be satisfied. A pawl device, on the car top to fix the car about 1.0 m above the last level to carry out the maintenance, must activate a safety switch, according to article 5.11.2 to cut the safety circuit to avoid any kind of uncontrolled movement of the car. When the car is blocked against all movement, it shall be possible to leave the working area easily and safely as described in 5.2.6.4.3.1 c) of EN 81-20. Instructions regarding the escape procedure shall be given in the lift documentation
- 2.11 On the car roof must have a working area according to EN 81-20:2014 Art. 5.2.5.7.1
- 2.12 Sufficient permanent lighting, with min. 200 Lux, must be provided at the floor of the maintenance area.
- 2.13 A LED display must be installed in the controller, as an indicator for the identification levelling position and running direction of the car as well as the status of the traction sheave.
- 2.14 The controller must also contain an electrical operating device for the machine brake (which allows to test the dual circuit brake) – acting separately for the two brake shoes. The device must also work in case of power failure.
- 2.15 Protection against direct contact with the electrical components next to the operating elements (main switch, over-current safety cut-out, etc.) must be provided for in the controller.
- 2.16 Sufficient lighting of 200 Lux must be provided at the whole interior of the controller cabinet.
- 2.17 In cases where noise in the maintenance area may play a role, a two-way intercom system allowing communication with passengers in the car must be installed.
- 2.18 The cabinet door of the controller must contain a fixing device in order to ensure undisturbed performance of maintenance work.
- 2.19 The controller must be secured by a special lock, installed in the cabinet door.
- 2.20 Signs must be attached to the counterweight protector and to the controller: “Caution! Set under travel distance of counterweight to the buffer, a maximum of 15 cm”.
- 2.21 The electrical control lines must be clearly identified when being installed through rooms which are not connected with lift operation.
- 2.22 Lift well ventilation must be able to carry off the heat produced and must not impair lift control system and drive (humidity, coldness).
- 2.23 Traction Machine fixed on guide rails/well wall (LX 450-975-1 and LX 1275-2000-1).

The anchor bolts for 1275-2000 kg, shall be Anchor Bolt M16 Stud Anchor (Hilti HSA Carbon steel with DIN 125 washer) Recommended Load (per piece): 29.1kN

The anchor bolts for 450-975 kg, shall be Anchor Bolt M12 Stud Anchor (Hilti HSA Carbon steel with DIN 125 washer) Recommended Load (per piece): 16.7kN

Basic loading data (for a single anchor):

- Correct setting (See setting instruction by HILTI)
- No edge distance and spacing influence
- Steel failure
- Minimum base material thickness
- Non-cracked Concrete C 20/25 fck cube = 25 N/mm² (well wall)

2.24 Landing/car doors panels in compliance to EN 81-20 point 5.3.5 model: TKP161-05G05, Manufacturer NBSLM&E Technology Co. ltd (Shanghai)

3.0 Recommendations

3.1 In order to place the lift, the requirements outlined in Directive 2014/33/EU Capital III Article 16 must be met. (Conformity Assessment Procedure).

3.2 In cases involving changes of or deviations from the inspected model lift which are not included under 1: "Scope of application", the notified body must either subject the lift to individual tests as per Annex VIII of the directive 2014/33/EU or extend the scope of application.

3.3 The technical dossier of each single installation shall contain pertinent documentation, i.e. test report made by an accredited laboratory, showing the compliance of:

floor/car doors mechanical strength (force test and impact test) to the requirements listed in clause 5.3.5 of EN 81-20;

car door locking device fulfilment to the requirements of EN 81-20 clause 5.3.15.2 b) and EN 81-50, clause 5.2 (see also point 2.24 here above);

car walls requirements to EN 81-20, clause 5.4.3.2.2 a), b) or, if made by glass, to EN 81-20 clause 5.4.3.2.3; mirrors or other glass finishes shall comply with mode B or C according to EN 12600:2002, annex C if broken;

car floor, wall and ceiling finishes to requirements of EN 15501-1 as listed in clause 5.4.5 of EN 81-20

ropes terminations to EN 13411-6/7/8 as per clause 5.5.3 of EN 81-20.

3.4 The requirements of the EU Member States must be observed (e.g. well ventilation, oil resisting coat of paint in the well pit, fire protection, user-panel suitable for handicapped people), when the lift is being installed in a building.

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

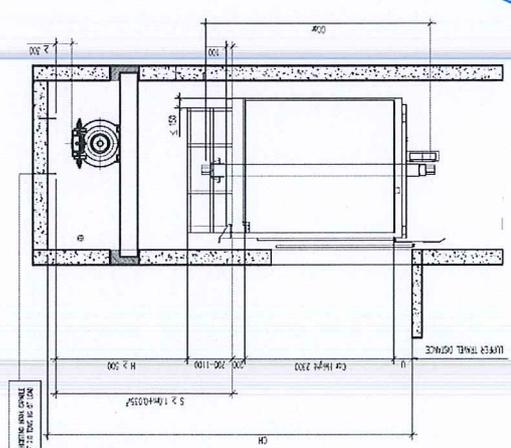
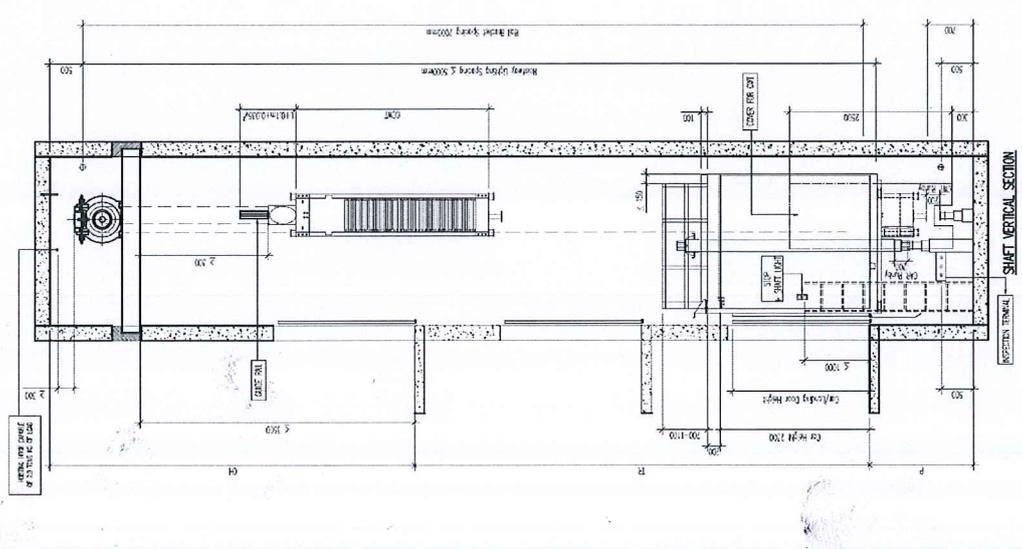
- This EU type-examination certificate
- Drawings no.: LX 450-975, LX 450-975-1 and LX 1275-2000, LX 1275-2000-1 stamped with "TÜV-Italia 0948" dated "09/10/2018"
- Data sheet of lift system as per EN 81-20/50, Annex B, including list of safety components used, including specification of special features or deviations from the type-tested lift if applicable
- Installation drawing of the lift system
- Wiring diagram with references to system-specific options No. AS380-ZLS (DLD02578)

3.6 This EU type-examination certificate must be used only in connection with the pertinent annex.

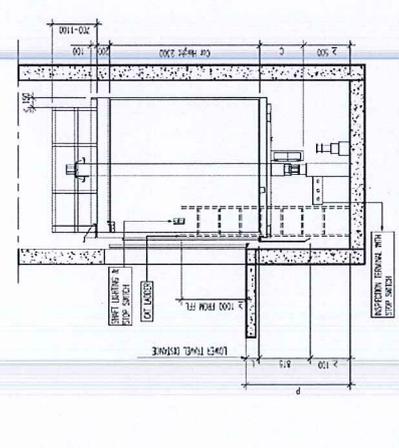
3.7 This EC type-examination certificate is based on the currently valid harmonized standard EN 81-20/50:2014. If any changes or additions to this standard or for development of the state of the technology, this certification must be updated or re-edited.

Rated Load (kg)	Speed (m/s)	mm															
		A	Wt	B1	B2	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
450	1-1.75	1717-2000	1050	380	630	270	469	525	316	784	660						
600	1-2.0	1545-1800	1150	1300	800	595	795	210	569	575	266	854	735				
750	1-2.0	1735-1950	1350	800	630	730	210	319	650	266	634	760					
975	1-2.0	2115-2335	1550	1450	900	670	780	210	319	750	266	1034	810				

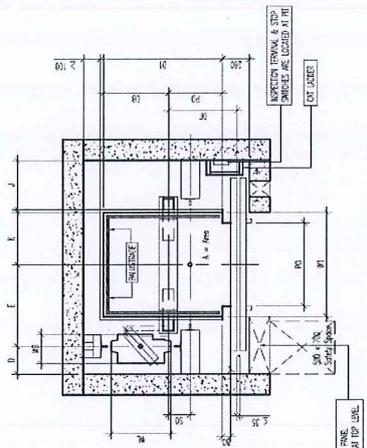
Rated Load (kg)	Speed (m/s)	mm															
		D4	P	D	U	S	H	C	C/WHEEL (mm)		C/WHEEL (mm)		C/WHEEL (mm)				
450	1	4670	1600	380	285	1770	620	700	261	580	2900	3200	3200	3200			
450	1.5	4850	1700	375	375	1875	775	700	261	580	2900	3200	3200	3200			
450	1.75	5170	1800	475	475	2075	925	700	261	580	2900	3200	3200	3200			
600	1	4670	1600	380	285	1770	620	700	261	580	2900	3200	3200	3200			
600	1.5	4850	1700	375	375	1875	775	700	261	580	2900	3200	3200	3200			
600	1.75	5170	1800	475	475	2075	925	700	261	580	2900	3200	3200	3200			
750	1	4670	1600	380	285	1770	620	700	261	580	2900	3200	3200	3200			
750	1.5	5000	1800	375	375	2075	925	700	261	580	2900	3200	3200	3200			
750	1.75	5320	1900	475	475	2275	1075	700	261	580	2900	3200	3200	3200			
975	1	4670	1600	380	285	1770	620	700	261	580	2900	3200	3200	3200			
975	1.5	5000	1800	375	375	2075	925	700	261	580	2900	3200	3200	3200			
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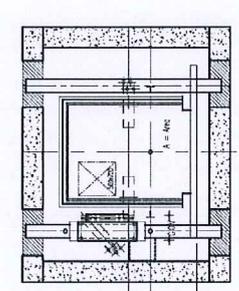
WHEN CWT BUFFER IS COMPRESSED



WHEN CAR BUFFER IS COMPRESSED



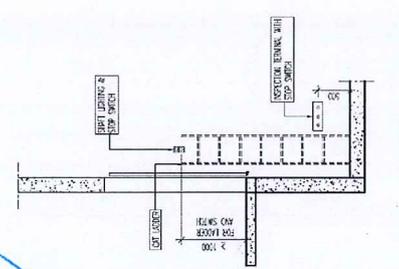
SHAFT & CAR PLAN



OVERHEAD PLAN



09 OTT 2018



PIT DETAILS

Project Title	30 STORY 4 SQUARE LIFT SHEDS FOR PROJECT -
Owner / Developer	
NAME Consultant	
Main Contractor	
Lift Contractor	ETA-SCHNEIDER (MFG) SDN BHD 101-1, JALAN KAWAJA 11/15, KAWAJA INDUSTRIAL ZONE, SUNGAI BAYU, SEREMBAN, Negeri Sembilan, MALAYSIA REG. NO. - SH1018
Subject Of Drawing	
Project Name	PARADES ELEGANS VILA BONG 21
File Name	6065-TRAC-PTD-15-21MS
Scale	as per
Date	18-04-2017
Drawn / Checked / Issued / Approved / Date	
Drawing No.	LX450-975
Rev. No.	0

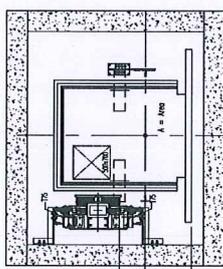
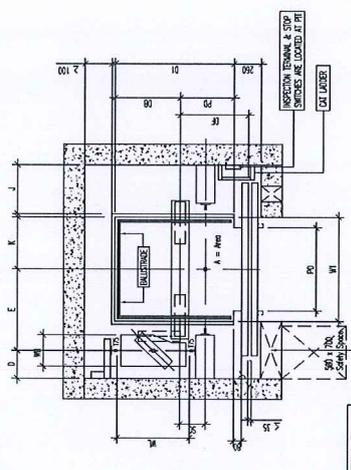
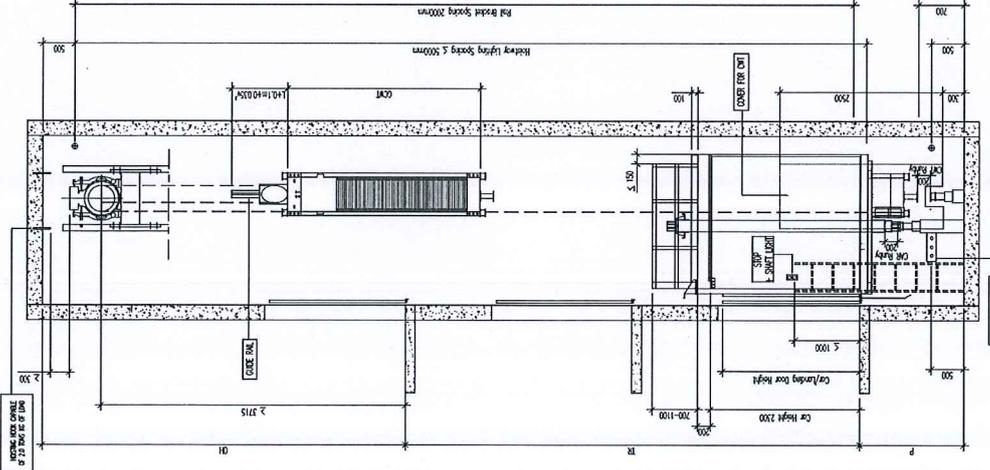
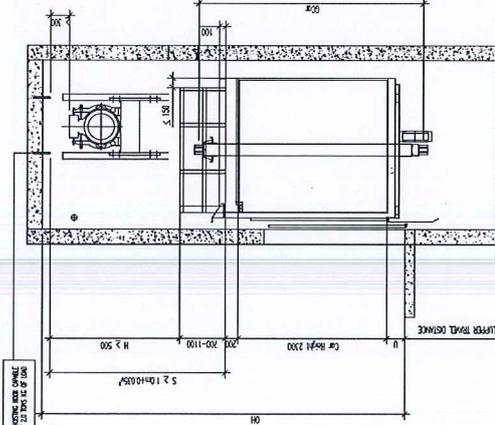
Rated Load (kg)	Speed (m/s)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1250	1.5	217	236	255	274	293	312	331	350	369	388	407	426	445	464	483	502	521	540	559	578	597	616	635	654	673	692	711	730	749	768	787	806	825	844	863	882	901	920	939	958	977	996	1015	1034	1053	1072	1091	1110	1129	1148	1167	1186	1205	1224	1243	1262	1281	1300	1319	1338	1357	1376	1395	1414	1433	1452	1471	1490	1509	1528	1547	1566	1585	1604	1623	1642	1661	1680	1699	1718	1737	1756	1775	1794	1813	1832	1851	1870	1889	1908	1927	1946	1965	1984	2003	2022	2041	2060	2079	2098	2117	2136	2155	2174	2193	2212	2231	2250	2269	2288	2307	2326	2345	2364	2383	2402	2421	2440	2459	2478	2497	2516	2535	2554	2573	2592	2611	2630	2649	2668	2687	2706	2725	2744	2763	2782	2801	2820	2839	2858	2877	2896	2915	2934	2953	2972	2991	3010	3029	3048	3067	3086	3105	3124	3143	3162	3181	3200	3219	3238	3257	3276	3295	3314	3333	3352	3371	3390	3409	3428	3447	3466	3485	3504	3523	3542	3561	3580	3599	3618	3637	3656	3675	3694	3713	3732	3751	3770	3789	3808	3827	3846	3865	3884	3903	3922	3941	3960	3979	3998	4017	4036	4055	4074	4093	4112	4131	4150	4169	4188	4207	4226	4245	4264	4283	4302	4321	4340	4359	4378	4397	4416	4435	4454	4473	4492	4511	4530	4549	4568	4587	4606	4625	4644	4663	4682	4701	4720	4739	4758	4777	4796	4815	4834	4853	4872	4891	4910	4929	4948	4967	4986	5005	5024	5043	5062	5081	5100	5119	5138	5157	5176	5195	5214	5233	5252	5271	5290	5309	5328	5347	5366	5385	5404	5423	5442	5461	5480	5499	5518	5537	5556	5575	5594	5613	5632	5651	5670	5689	5708	5727	5746	5765	5784	5803	5822	5841	5860	5879	5898	5917	5936	5955	5974	5993	6012	6031	6050	6069	6088	6107	6126	6145	6164	6183	6202	6221	6240	6259	6278	6297	6316	6335	6354	6373	6392	6411	6430	6449	6468	6487	6506	6525	6544	6563	6582	6601	6620	6639	6658	6677	6696	6715	6734	6753	6772	6791	6810	6829	6848	6867	6886	6905	6924	6943	6962	6981	7000	7019	7038	7057	7076	7095	7114	7133	7152	7171	7190	7209	7228	7247	7266	7285	7304	7323	7342	7361	7380	7399	7418	7437	7456	7475	7494	7513	7532	7551	7570	7589	7608	7627	7646	7665	7684	7703	7722	7741	7760	7779	7798	7817	7836	7855	7874	7893	7912	7931	7950	7969	7988	8007	8026	8045	8064	8083	8102	8121	8140	8159	8178	8197	8216	8235	8254	8273	8292	8311	8330	8349	8368	8387	8406	8425	8444	8463	8482	8501	8520	8539	8558	8577	8596	8615	8634	8653	8672	8691	8710	8729	8748	8767	8786	8805	8824	8843	8862	8881	8900	8919	8938	8957	8976	8995	9014	9033	9052	9071	9090	9109	9128	9147	9166	9185	9204	9223	9242	9261	9280	9299	9318	9337	9356	9375	9394	9413	9432	9451	9470	9489	9508	9527	9546	9565	9584	9603	9622	9641	9660	9679	9698	9717	9736	9755	9774	9793	9812	9831	9850	9869	9888	9907	9926	9945	9964	9983	10002	10021	10040	10059	10078	10097	10116	10135	10154	10173	10192	10211	10230	10249	10268	10287	10306	10325	10344	10363	10382	10401	10420	10439	10458	10477	10496	10515	10534	10553	10572	10591	10610	10629	10648	10667	10686	10705	10724	10743	10762	10781	10800	10819	10838	10857	10876	10895	10914	10933	10952	10971	10990	11009	11028	11047	11066	11085	11104	11123	11142	11161	11180	11199	11218	11237	11256	11275	11294	11313	11332	11351	11370	11389	11408	11427	11446	11465	11484	11503	11522	11541	11560	11579	11598	11617	11636	11655	11674	11693	11712	11731	11750	11769	11788	11807	11826	11845	11864	11883	11902	11921	11940	11959	11978	11997	12016	12035	12054	12073	12092	12111	12130	12149	12168	12187	12206	12225	12244	12263	12282	12301	12320	12339	12358	12377	12396	12415	12434	12453	12472	12491	12510	12529	12548	12567	12586	12605	12624	12643	12662	12681	12700	12719	12738	12757	12776	12795	12814	12833	12852	12871	12890	12909	12928	12947	12966	12985	13004	13023	13042	13061	13080	13099	13118	13137	13156	13175	13194	13213	13232	13251	13270	13289	13308	13327	13346	13365	13384	13403	13422	13441	13460	13479	13498	13517	13536	13555	13574	13593	13612	13631	13650	13669	13688	13707	13726	13745	13764	13783	13802	13821	13840	13859	13878	13897	13916	13935	13954	13973	13992	14011	14030	14049	14068	14087	14106	14125	14144	14163	14182	14201	14220	14239	14258	14277	14296	14315	14334	14353	14372	14391	14410	14429	14448	14467	14486	14505	14524	14543	14562	14581	14600	14619	14638	14657	14676	14695	14714	14733	14752	14771	14790	14809	14828	14847	14866	14885	14904	14923	14942	14961	14980	15000	15019	15038	15057	15076	15095	15114	15133	15152	15171	15190	15209	15228	15247	15266	15285	15304	15323	15342	15361	15380	15399	15418	15437	15456	15475	15494	15513	15532	15551	15570	15589	15608	15627	15646	15665	15684	15703	15722	15741	15760	15779	15798	15817	15836	15855	15874	15893	15912	15931	15950	15969	15988	16007	16026	16045	16064	16083	16102	16121	16140	16159	16178	16197	16216	16235	16254	16273	16292	16311	16330	16349	16368	16387	16406	16425	16444	16463	16482	16501	16520	16539	16558	16577	16596	16615	16634	16653	16672	16691	16710	16729	16748	16767	16786	16805	16824	16843	16862	16881	16900	16919	16938	16957	16976	16995	17014	17033	17052	17071	17090	17109	17128	17147	17166	17185	17204	17223	17242	17261	17280	17299	17318	17337	17356	17375	17394	17413	17432	17451	17470	17489	17508	17527	17546	17565	17584	17603	17622	17641	17660	17679	17698	17717	17736	17755	1777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09 OTT 2018



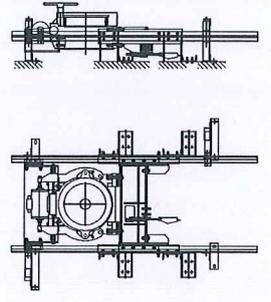
Rated Load (kg)	Speed (m/s)	mm	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
450	1-1.75	1.17-1.30	1050	800	520	595	245	469	359	316	284	650																
600	1-2.0	1.45-1.60	1150	800	595	245	469	359	316	284	650																	
750	1-2.0	1.75-1.90	1300	800	620	245	319	650	286	286	934																	
975	1-2.0	2.15-2.35	1500	1450	900	670	245	319	750	286	1034																	

Rated Load (kg)	Speed (m/s)	mm	CH	P	Q	R	S	H	C	GVH (mm)	GVH (mm)	GVH (mm)
450	1	4650	1600	280	280	1770	620	700	300	630	2200	3200
450	1.5	4850	1700	375	375	1875	715	700	300	630	2200	3200
600	1.75	5100	1800	475	475	2075	810	700	300	630	2200	3200
600	2	4600	1600	280	280	1770	620	700	300	630	2200	3200
600	1.5	4850	1700	375	375	1875	715	700	300	630	2200	3200
600	1.75	5100	1800	475	475	2075	810	700	300	630	2200	3200
750	1	5200	1900	475	475	2175	1025	700	300	630	2200	3200
750	1.5	5400	1700	375	375	2075	915	700	300	630	2200	3200
750	1.75	5200	1800	475	475	2175	1025	700	300	630	2200	3200
975	1	5200	1900	475	475	2175	1025	700	300	630	2200	3200
975	1.5	5000	1700	375	375	2075	915	700	300	630	2200	3200
975	1.75	5200	1800	475	475	2175	1025	700	300	630	2200	3200
975	2	5200	1900	475	475	2175	1025	700	300	630	2200	3200



WHEN CWT BUFFER IS COMPRESSED

WHEN CAR BUFFER IS COMPRESSED



PIT DETAILS

Project Title	TO SUPPLY & INSTALL LIFT SYSTEMS FOR PROJECT
Owner / Developer	
M&E Consultant	
Main Contractor	
LIFT Contractor	EITA-SCHNEIDER (MFG) SON BHD LOT 4, MANJANG JAYA, 14/15, KAMPUNG MANJANG, 14100, SEKUTUP, PANGKAJENEAN, PULAU PINANG
Subject Of Drawing	
Project Name	PROSARER ELEVATOR MARKING 2.1
Filename	090-0794E-SPD-UP-2018/5
Scale	AS IS
Drawn	Checked
Approved	Approved
Drawing No.	Rev. No.
0	0

