

EU TYPE EXAMINATION CERTIFICATE

Nr.: LDsq01-0109-0082-23

SAVERO FOR ELEVATORS (NEHME) S.A.R.L

MAKSOU D 1555 ALASSAYLI STREET FLOOR: -1 – METH, JDEIDEH, BEIRUT, LEBANON

D KARE GÖZETİM TEST VE BELGELENDİRME TİC. LTD. ŞTİ.;

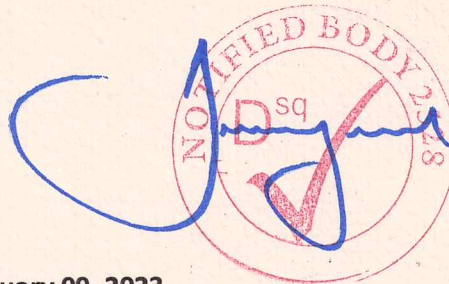
Examined and approved that the (model) lift and the lift types those are detailed below meet the essential health and safety requirements of the Directive 2014/33/EU relating to lifts and safety components for lifts

2014/33/EU Annex IV/B EU-TYPE EXAMINATION FOR LIFTS (Module B)

Lift	
Trade Mark	: SAVERO
Type	: SAVERO MRL
Type Variants	: SAVERO U FRAME MRL, SAVERO L FRAME MRL
Class	: I, II, III, IV
Reference Harmonised Standards	: EN 81-20:2020

This certificate is valid with the EU Type Examination Report LDsq01-0106-0082-23 which includes the findings of the conformity assessment, and all changes to the type specified in the report must be approved by the Notified Body. In case of changes to be made on the types and equipment specified in this certificate, or changes on the relevant standard that may occur the product, the validity of the certificate should be re-evaluated by D KARE

Selcan GÖRMÜŞ
Director



Issue Date : January 09, 2023

Valid to : January 08, 2028



LIFTS-2528-2300007





REPORT OF EU TYPE EXAMINATION



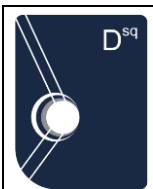
Report Nr: LDsq01-0106-0082-23

D KARE GÖZETİM TEST VE BELGELENDİRME TİC. LTD. ŞTİ.

Battalgazi Mah. Gecesevası Sk. No:3/4 Sultanbeyli/İstanbul
Tel: 0216 290 1678 Fax: 0216 290 16 79 Web: www.dsq.com.tr

ANNEX IV / B of 2014/33/EU LIFT DIRECTIVE

COMPANY TITLE
SAVERO FOR ELEVATORS (NEHME) S.A.R.L
COMPANY ADDRESS
MAKSOD 1555 ALASSAYLI STREET FLOOR: -1 – METH, JDEIDEH, BEIRUT, LEBANON
FILE NR.
LD.IV.0076
PRODUCT DESCRIPTION
ELECTRIC LIFT INTENDED USED FOR PERSON AND GOODS
PRODUCT TYPE/TYPES
2/1 SUSPENSION ELECTRIC LIFT WITH GEARLESS MACHINE
CONFORMITY ASSESSMENT DATE
29.12.2022
RELEVANT STANDARDS USED FOR CONFORMITY ASSESMENT
EN 81-20:2020 EN 81-50:2020



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

SECTION 1: GENERAL INFORMATION

1.1. DESCRIPTION OF ACTIVITY:

The Lift Directive (2014/33 / EU) published in the Official Gazette dated 29 June 2016 and numbered 29757, within the framework of Section 4, Article 19 (a) of the 2014/33 / EU Lift Directive IV. For the purpose of issuing an EU Type Examination certificate in accordance with subparagraph b of the Annex, the inspection and test procedures of the applicant's Electric Lift were carried out in accordance with the 2014/33 / EU Lift Directive Annex-I Basic Health and Safety Rules and EN 81-20 and EN 81-50 standards.

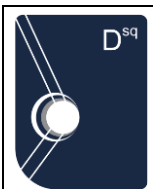
GENERAL INFORMATION	
COMPANY INFORMATION	
FILE NR.	LD.IV.0076
COMPANY NAME	SAVERO FOR ELEVATORS (NEHME) S.A.R.L
COMPANY ADDRESS	MAKSoud 1555 ALASSAYLI STREET FLOOR: -1 – METH, JDEIDEH, BEIRUT, LEBANON

SECTION 2: PRODUCT INFORMATION

2.2. TYPE NAME: 2/1 SUSPENSION WITH GEARLESS MACHINE ELECTRIC LIFT INTENDED USED FOR PERSON AND GOODS

2.3. TYPE CODE: SAVERO MRL

2.4. TYPE VARIANTS: SAVERO U FRAME MRL, SAVERO L FRAME MRL



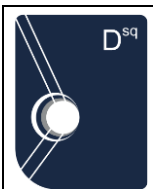
REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

2.5.1. TECHNICAL INFORMATIONS ABOUT TYPE VARIANTS: SAVERO U MRL (U FRAME)

Rated Load	kg	225	320	400	480	630	800	1000	1275	1600	2000	2500
Number of persons		3	4	5	6	8	10	13	17	21	26	33
Rated speed	m/s	0,30 m/s,0,50 m/s,0,63 m/s,0,80 m/sn,1,00 m/s,1,20 m/s,1,60 m/s,2,00 m/s,2,25 m/s,2,50 m/s										
Class I: Person Lift												
Class II: Person and Good Lift												
Class III- Health-Care Lift												
Class IV: Goods Lift												
Car area (Min-Max)	m ²	0,60-0,70	0,79-0,90	1,10-1,17	1,17-1,30	1,45-1,66	1,73-1,90	2,15-2,40	2,71-2,95	3,25-3,56	3,82-4,20	4,62-5,00
Type of Door		Automatic, semi-automatic telescopic single side or central opening doors										
Number of Entry		Single entry or 90°,180° double entries										
Max. Number of Stops/ Max. Number of Flats		30										
Max. Travel Distance	m	90										
Min. top floor height	mm	From 3300 mm to 4500 mm (Varies according to Declared speeds and Capacities)										
Min. pit depth	mm	From 1000 mm to 1200 mm (Varies according to Declared speeds and Capacities)										
Type of Car guide rails	mm	70x65x9 mm, 90x75x16 mm, 75x62x10 mm, 89x62x16 mm, 125x82x16 mm, 127x89x16 mm, 140x108x19 mm, 140x102x28,6 mm, 140x127x31,75 mm										
Max. distance of between brackets	mm	2000										
Type of Counterweight guide rails	mm	Cold drawn: 50x50x5 – 70x65x9										



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

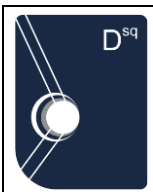
2.5.2. TECHNICAL INFORMATIONS ABOUT TYPE VARIANTS: SAVERO L MRL (L FRAME)

Rated Load	kg	225	320	400	480	630	800	1000
Number of persons		3	4	5	6	8	10	13
Rated speed	m/s	0,30 m/s,0,50 m/s,0,63 m/s,0,80 m/sn,1,00 m/s,1,20 m/s,1,60						
Class I: Person Lift								
Class II: Person and Good Lift								
Class IV: Goods Lift								
Car area (Min-Max)	m ²	0,60-0,70	0,79-0,90	1,10-1,17	1,17-1,30	1,45-1,66	1,73-2,00	2,15-2,40
Type of Door		Automatic, semi-automatic telescopic single side or central opening doors						
Number of Entry		Single entry or 90°, 180° double entries						
Max. Number of Stops/ Max. Number of Flats		30						
Max. Travel Distance	m	90						
Min. top floor height	mm	From 3300 mm to 4500 mm (Varies according to Declared speeds and Capacities)						
Min. pit depth	mm	From 1000 mm to 1200 mm (Varies according to Declared speeds and Capacities)						
Type of Car guide rails	mm	70x65x9 mm, 90x75x16 mm, 75x62x10 mm, 89x62x16 mm, 125x82x16 mm, 127x89x16 mm						
Max. distance of between brackets	mm	2000						
Type of Counterweight guide rails	mm	Cold drawn: 50x50x5 – 70x65x9						

2.6. ADDITIONAL INFORMATION ABOUT PRODUCT

2.7. INTENDED USE OF THE PRODUCT: Public buildings, residences, business centers, hospitals and state buildings

2.8. MACHINERY SPACES: Inside the well or in a machinery room if the conditions of the room meets the requirements of harmonised standard.



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

2.9. FEATURES OF THE WELL: Concrete Wall Construction Well, Steel Construction Well.

2.10. INSPECTION AND MAINTENANCE CONDITIONS: The machinery is located inside the well maintenance activities shall be performed from the top of the car and car is blocked by blocking devices which is connect to the guide rails.

SECTION3: ASSESMENT ACTIVITIES

Evaluation activities were carried out in accordance with sub-clause B of Annex IV of 2014/33 / EU Lift Directive, examination of the technical file and test, test and inspection procedures were carried out on the sample lifts representing the types specified in the technical file.

3.1 FILES AND CERTIFICATES ASSESED DURING INSPECTION ACTIVITIES.

- Technical File of SAVERO MRL Type Gearless Machine Lift (2: 1 Suspension) Describing the Types
- Lift installation and maintenance manual.
- Describing of lift type and variants.

TECHNICAL FILE:

- SAVERO MRL Type Gearless Machine Lift (2: 1 Suspension) Lift installation and maintenance manual.
- Vertical Section Drawings of Well,
- Pit Layout Plans
- Weight Rear Car Top View Layout Plans,
- Weight Side Car Top View Layout Plans,
- Strength Calculations for Sub-Variations
- Electrical safety equipment connection diagrams.
- Conformity Documents Regarding Safety Components Used in Types.

3.2 SAFETY COMPONENTS AND COMFORMITY CERTIFICATES:

3.2.1. LANDING DOOR LOCKING DEVICES

MANUFACTURER	TYPE	TYPE CERTIFICATE NR.	NOTIFIED BODY
BULUT MAKİNA	MB TEL	NL08-400-1002-114-01	LIFTINSTITUUT (0400)
DEMAS	OKKK-02	LDsq08-0601-0026-20	D KARE GÖZETİM (2528)
KIROĞLU	LİFTOR LTL	LDsq08-0429-0018-20	D KARE GÖZETİM (2528)
EMAY	EMAY HERMES	LDsq08-0219-0059-21 LDsq08-0610-0139-22	D KARE GÖZETİM (2528)
FABRE	210/10/40 FDL	LDsq08-1207-0098-21 LDsq08-0708-0147-22	D KARE GÖZETİM (2528)
İDA	İDA 001	LDsq08-0410-0017-20	D KARE GÖZETİM (2528)
MEKİSAN	XF20.XX. YY	LDsq08-0811-0150-22	D KARE GÖZETİM (2528)
PSA ASANSÖR	PSA LCK 38	LDsq08-0326-0063-21	D KARE GÖZETİM (2528)



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

MERİH	KLT003 KLT004 KLT 005	NL09-400-1002-061-04 NL12-400-1002-061-10 NL16-400-1002-061-16	LIFTINSTITUUT (0400)
PROLİFT	C 150	NL15-400-1002-110-10	LIFTINSTITUUT (0400)
UYGAR	LDRS50LCK01	LDsq08-0603-0132-22	D KARE GÖZETİM (2528)
DECODOOR	D-KLT-01	l-61-24612/18/ZZ	STROJIRENSKY ZKUSEBNI USTAV (1015)
HAS	T2-KAT, HLDL10	NL10-400-1002-040-09 NL10-400-1002-040-13	LIFTINSTITUUT (0400)
TECNOLAMA S.A.	BASIC+ PREMIUM 210/10/40 265/10/40 160/10/40	NL16-400-1002-075-05 NL16-400-1002-075-06 NL16-400-1002-075-09 NL16-400-1002-075-07 NL16-400-1002-075-04	LIFTINSTITUUT (0400)
WİTTUR	CORE 3215 AUGUSTA EVO 01/C 3215 AUGUSTA EVO 11/R-L 3201 HYDRA-01/C 3201 HYDRA-11/_ 3201 HYDRA-31/_ 3201 HYDRA-41/C 3201 PEGASUS-01/C 3201 PEGASUS-11/_	EU-DL 1034/1 ATV 616/5 ATV 617/4 ATV286/10 ATV285/10 ATV299/6 ATV295/7 ATV557/2 ATV559/1	TÜV SÜD (0036)

3.2.2. SEMIAUTOMATIC LANDING DOOR LOCKING DEVICES

MANUFACTURER	TYPE	TYPE CERTIFICATE NR.	NOTIFIED BODY
CANLİFT	CL-01M, CL01-MD CL-05M, CL05-MD	NL07-400-1002-034-04 NL07-400-1002-034-05	LIFTINSTITUUT (0400)
PRUDHOMME	LR180 LR128 LR180/1400SPX4 LRC260	N° 0060-IV-A-085P-08-2017 Rev01 N° 0060-IV-A-086P-08-2017- Rev02 NL10-400-1002-125-01 NL10-400-1002-125-07	APAVE (0060) LIFTINSTITUUT (0400)



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

DELTATEK	DK02A DK05 DK06	LF/KSA/A-C-0178/17 LF/KSA/A-C-0180/17	EBETAM MIRTEC (0437)
----------	-----------------------	--	----------------------

3.2.3. CAR DOOR LOCKING DEVICES

MANUFACTURER	TYPE	TYPE CERTIFICATE NR.	NOTIFIED BODY
DEMAS	OKBKK1	I-61-23307/17/ZZ	STROJIRENSKY ZKUSEBNI USTAV (1015)
EMAY	EMAY KB	LDsqV02-1117-0011-20	D KARE GÖZETİM (2528)
FABRE	SK 41.03-JMS	SCMB.0137	EUROCERT (1128)
İDA	İDA 002	I-61-23660/18/ZZ	STROJIRENSKY ZKUSEBNI USTAV (1015)
KIROĞLU-LİFTOR	LTC	LDsqV02-0617-0006-20	D KARE GÖZETİM (2528)
MEKİSAN	AF16XX.YY	LDsqV02-0916-0031-22	D KARE GÖZETİM (2528)
MERİH	KLT 006	NL17-400-1002-061-22	LIFTINSTITUUT (0400)
PROLİFT	C 250	NL17-400-1002-110-15	LIFTINSTITUUT (0400)
UYGAR	CDRS50LCK02	LDsqV02-0610-0026-22	D KARE GÖZETİM (2528)
DECODOOR	D-KLT-02	LDsqV02-0403-0003-20	D KARE GÖZETİM (2528)
HAS	HCDL 10	NL17-400-1002-040-14	LIFTINSTITUUT (0400)
TECNOLAMA S.A.	CDL ECC+	04/09-009/PR/R 9004122	BUREAU VERITAS (1035)
WITTUR	3201-HYDRA-02/C 3201-HYDRA-12/R-L 3201-HYDRA-32/R-L 3201-HYDRA-44/R AUGUSTA-02/C & 12/R-L PEGASUS 02/C PEGASUS 12/R-L PEGASUS 32/R-L	TUV-A-AT-1-05-130-FKTV-4 TUV-A-AT-1-05-131-FKTV-4 TUV-A-AT-1-05-137-FKTV-4 TÜV-A-AT-1/05/134- FKTV-2 G 618/1 TÜV-A-AT-1/07/141- FKTV-1 TÜV-A-AT-1/07/142- FKTV-1 TÜV-A-AT-1/07/143- FKTV-1	TÜV AUSTRIA (0408) TÜV AUSTRIA (0408) TÜV AUSTRIA (0408) TÜV AUSTRIA (0408) TÜV SÜD (0036) TÜV AUSTRIA (0408) TÜV AUSTRIA (0408) TÜV AUSTRIA (0408)

3.2.4. SAFETY GEAR

File Nr: FR.LD.04	Issue Date: 07.02.2019	Rev. No: 05	Rev. Date: 20.07.2022
-------------------	------------------------	-------------	-----------------------



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

MANUFACTURER	TYPE	TYPE CERTIFICATE NR.	NOTIFIED BODY
SELKAS	SLK SG2	LDsq08-0430-0070-21	DKARE GÖZETİM (2528)
ASPAR	ALY01, ALY02	874K/TE/11.10.2017 875K/TE/30.10.2017	LIFT CERTİFİKAT TU SOFİA (2201)
METROPLAST	PRO2000S-I PRO2000S-II PRO2000-I PRO2000-II HD3250	LDsq08-0608-0136-22 LDsq08-0608-0135-22 I-61-22463/17/ZZ	DKARE GÖZETİM (2528) STROJIRENSKY ZKUSEBNI USTAV (1015)
CANLİFT	CL SG-P	I-61-00691/19/ZZ	STROJIRENSKY ZKUSEBNI USTAV (1015)
ZORLU	Z06-PSG Z07-PSG ZA&ET F01 Z 03	NL09-400-1002-047-07 LF/KSA/A-C-0118/17 LS-B 0136-21 NL13-400-1002-047-10	LIFTINSTITUUT (0400) EBETAM MIRTEC (0437) GCN TURK (2729) LIFTINSTITUUT (0400)
DYNATECH	ASG-xxx UD/ASG-xxx	ATI/PP/010,	ATISAE (0053)
COBIANCHI	PC24DA/PC24DO/PC24UP/ PC24GA/PC24GO/PC24GU	NL07-400-1002-100-01	LIFTINSTITUUT (0400)
FABRE	FBR2000-9, FBR2000-16,	LS-B 0133-20 LS-B 0134-20	GCN TURK (2729)
HASKAR	HKF 01, HKF 02	I-61-16452/13/ZZ	STROJIRENSKY ZKUSEBNI USTAV (1015)
SLC	SG1D-1	EU-SG 802	TUV SUD (0036)
TEKİN MAKİNA	T2 T3 T4	LF/KSA/A-C-0174/17 LF/KSA/A-C-0175/17 LF/KSA/A-C-0176/17	EBETAM MIRTEC (0437)
WİTTUR	SGB-1 SGB-2 SGB-3	TUV-A-AT-1-99-101-CEFV-3 TUV-A-AT-1-99-102-CEFV-3 TUV-A-AT-1-14-376-CEFV-2	TÜV AUSTRIA (0408)

3.2.5. OVERSPEED LIMITATION DEVICES (OVERSPEED GOVERNOR)

MANUFACTURER	TYPE	TYPE CERTIFICATE NR.	NOTIFIED BODY
--------------	------	----------------------	---------------



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

SELKAS	KSLK&SLK KSLK/KM&SLK/M KSLK/DM&SLK/DM	LF/KSA/A-C-0025/17	EBETAM MIRTEC (0437)
AKAR	AKR3(/R)(-A3) AKR3(/R)(-A4)	NL15-400-1002-036-33 NL15-400-1002-036-34	LIFTINSTITUUT (0400)
PFB	R1 LK200 LK250 LK300 LK315	EU-OG 207 EU-OG 182 EU-OG 183 EU-OG 184 EU-OG 186	TÜV SÜD (0036)
METROPLAST	MOMENT 250, MOMENT 250 MRL	LDsq08-0607-0134-22	DKARE GÖZETİM (2528)
CANLİFT	CL08-200(A3)(UZ)(A3+UZ) CL08-250(A3)(UZ)(A3+UZ)	NL17-400-1002-034-12 NL16-400-1002-034-10	LIFTINSTITUUT (0400)
ZORLU	"ZR 21-200 & ZR 21-300 & ZR 21-200-B & ZR 21-300B" ZR-21-250, ZR-21-250-B, ZR-21- 250+A3	LS-C-0141-21 LS-C-158-20	GCN TURK (2729)
ASPAR	OSG A OSG B OSG M, OSG C, OSG HS, SSG	NL16-400-1002-071-11 NL16-400-1002-071-10 NL20-400-1002-071-16 NL21-400-1002-071-17 NL19-400-1002-071-15 NL16-400-1002-071-12	LIFTINSTITUUT (0400)

3.2.6. BUFFERS

3.2.6.1. ENERGY ACCUMULATION BUFFERS

MANUFACTURER	TYPE	TYPE CERTIFICATE NR.	NOTIFIED BODY
ABT	EYL-1, EYL-2, EYL-3, EYL-5 EYL-8 EYL-10080, EYL- 12580, EYL-14080, EYL- 16580	LDsq08-0903-0089-21 LDsq08-0527-0025-20	D KARE GÖZETİM TEST VE BELGELENDİRME (2528)
HAS	HPT	LDsq08-0812-0153-22	D KARE GÖZETİM TEST VE BELGELENDİRME (2528)
METROPLAST	BF 200, BF 150	I-61-22462/17/ZZ	STROJIRENSKY ZKUSEBNI USTAV (1015)
BASF	80-80 125-80 165-80	44 208 12082719 44 208 12082721 44 208 1208722	TUV NORD (0044)



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

SELKAS	SLK-B-1 SLK-B-2 SLK-B-3 SLK-B-4	LS-B-108/19 LS-B-109/19 LS-B-110/19 LS-B-117/19	GCNTURK (2729)
ETN	EN 17	NL15-400-1002-142-06	LIFTINSTITUUT (0400)

3.2.6.2. ENERGY DISSIPATION BUFFERS (HYDRAULIC BUFFERS)

MANUFACTURER	TYPE	TYPE CERTIFICATE NR.	NOTIFIED BODY
HAS	HHT	LDsq08-0804-0149-22	D KARE GÖZETİM TEST VE BELGELENDİRME (2528)
AKSÖZ ASPAR	AKHT 16 & AKHT 20	NL06-400-1002-071-03	LIFTINSTITUUT (0400)
ZORLU	ZHT - 51 - 1,6	LF/KSA/A-C-0150/17	MIRTEC (0437)
METROPLAST	HT	LDsq08-1001-00138-20	D KARE GÖZETİM TEST VE BELGELENDİRME (2528)
KÜÇÜKGRUP ELİTPRO	ELİTPROHT CORTREX HT	LDsq08-0308-0061-21 LDsq08-0906-0162-22	D KARE GÖZETİM TEST VE BELGELENDİRME (2528)

3.2.7. UNINTENDED CAR MOVEMENT(UCM) PROTECTION DEVICES

3.2.7.1. CONTROL UNIT-MONITORING

MANUFACTURER	TYPE	TYPE CERTIFICATE NR.	NOTIFIED BODY
ARKEL	ARCODE ARL 700 ARCUBE	NL17-400-1002-048-11 NL17-400-1002-048-15 NL19-400-1002-048-19	LIFTINSTITUUT (0400)
AYBEY	MAESTRO AESMART	NL19-400-1002-045-17 NL21-400-1002-045-19	LIFTINSTITUUT (0400)
MİKEL	SX ULTRA U-STO	NL17-400-1002-039-16 NL17-400-1002-039-17 NL19-400-1002-039-18	LIFTINSTITUUT (0400)
HEDEFSAN	HD-BE	NL18-400-1002-244-01	LIFTINSTITUUT (0400)



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

MİKOSİS	MİKOSİS G1/G3 MİKOSİS BYPASS MİKOSİS G1CG3C MİKOSİS G1RF	NL16-400-1002-119-11 Rev:2	LIFTINSTITUUT (0400)
MİKROLİFT	MLCOMBO-X ML40P	NL21-400-1002-064-15 NL16-400-1002-064-09	LIFTINSTITUUT (0400)
APLICACIONES ELECTROMECHANICAS GERVALL, S.A	UCM100	CM/071/15	TUV RHEINLAND (1027)
MONARCH	SOZHOU INOVANCE TECHNOLOGY NİCE 3000	NL17-400-1002-209-06	LIFTINSTITUUT (0400)
UPSET	İBOARD	LDsq08-0311-0013-20	D KARE GÖZETİM TEST VE BELGELENDİRME (2528)

3.2.7.2. MOTOR BRAKE- STOPPING

MANUFACTURER	TYPE	TYPE CERTIFICATE NR.	NOTIFIED BODY
AKIŞ	AEMF1, AEMF2, AEMF3, AEMF4, AEMF5, AEMF6, AEMF7, AEMF8	NL16-400-1002-182-06	LIFTINSTITUUT (0400)
EKER	EKR 550	LF/KSA/A-C-0199/18	EBETAM MIRTEC (0437)
AKAR	BR-140D, BR-475D BR-500D, BR-900D BR-950D, BR-1400D BR-2200D, BR-3200D	NL20-400-1002-036-41 NL20-400-1002-036-38 NL20-400-1002-036-39 NL20-400-1002-036-40	LIFTINSTITUUT (0400)
ALBERTO SASSI	DFHY DFXY	EDPS 018/1 EDPS 017/1	TÜV SÜD (0036)
MAYR	RSO 300-500-800-1300-1800 RSR 200-400-600-800-1000-1500 RTW 150-200-250-350 RTW 125-180-225 RTW 600-800-1000-2000 896.0 Size 200,300,500,800,1300,1800 RSO 1300/896.30_3 SO RSO 1800/896.30_3 SO	EU-BD 762 EU-BD 766 EU-BD 845 EU-BD 954/1 EU-BD 1014/1 EU-BD 760 EU-BD 783 EU-BD 834	TÜV SÜD (0036)



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

INTORQ	BFK464-20R BFK464-28R BFK464-25R BFK464-25S BFK464-17R BFK464-18R	EU-BD 1034 EU-BD 1052 EU-BD 1053 ABV 851 EU-BD 1051 EU-BD 1056	TÜV SÜD (0036)
WARNER	ERS VAR07 ERS VAR07 ERS VAR09 ERS FENIX 09	EU-BD 819/1 EU-BD 819/2 EU-BD 591 EU-BD 906	TÜV SÜD (0036)
SUZHOU TORIN	DZE-14E DZE-16E FZD10 FZD12A FZD12C PZ300B PZ300C PZD140 PZD220 PZD220A PZD300 SPZ300 SPZ800 SPZ1600 FZD12	EU-BD 901 EU-BD 966 EU-BD 846 EU-BD 991 EU-BD 1032 EU-BD 847 EU-BD 877 EU-BD 968 EU-BD 878 EU-BD 967 EU-BD 1020 EU-BD 893 EU-BD 898 EU-BD 866 EU-BD 864	TÜV SÜD (0036)
HEPU	GZD3 (2X600) GZD3 (2X1300)	SCMB.0090 SCMB.0089 SCMB.0116	EUROCERT (1128)
KINETEK	DB3-2x250 DB3-2x450 DB3-2x900 DB3-2x1400	NL16-400-1002-179-25 NL16-400-1002-179-26 NL16-400-1002-179-28 NL16-400-1002-179-29	LIFTINSTITUUT (0400)
ALZOLA	EVO-01 EVO-02 EVO-03 EVO-04	CM/061/13 CM/062/13 CM/063/13 CM/064/13	TUV RHEILAND (1027)
SUZHOU MONA DRIVE	EMM600 EMM1K, EMM2K EMK7K, EMK9K, EMK12K	NL19-400-1002-263-03 NL19-400-1002-263-02 NL19-400-1002-263-01	LIFTINSTITUUT (0400)



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

3.2.8. ASCENDING CAR OVERSPEED PROTECTION DEVICES

MANUFACTURER	TYPE	TYPE CERTIFICATE NR.
AKIŞ	AEMF1, AEMF2, AEMF3, AEMF4, AEMF5, AEMF6, AEMF7, AEMF8	NL16-400-1002-182-06
EKER	EKR 550	LF/KSA/A-C-0199/18
AKAR	BR-140D, BR-475D BR-500D, BR-900D BR-950D, BR-1400D BR-2200D, BR-3200D	NL20-400-1002-036-41 NL20-400-1002-036-38 NL20-400-1002-036-39 NL20-400-1002-036-40
ALBERTO SASSI	DFHY DFXY	EDPS 018/1 EDPS 017/1
MAYR	RSO 300-500-800-1300-1800 RSR 200-400-600-800-1000-1500 RTW 150-200-250-350 RTW 125-180-225 RTW 600-800-1000-2000 896.0 Size 200,300,500,800,1300,1800 RSO 1300/896.30_3 SO RSO 1800/896.30_3 SO	EU-BD 762 EU-BD 766 EU-BD 845 EU-BD 954/1 EU-BD 1014/1 EU-BD 760 EU-BD 783 EU-BD 834
INTORQ	BFK464-20R BFK464-28R BFK464-25R BFK464-25S BFK464-17R BFK464-18R	EU-BD 1034 EU-BD 1052 EU-BD 1053 ABV 851 EU-BD 1051 EU-BD 1056
WARNER	ERS VAR07 ERS VAR07 ERS VAR09 ERS FENIX 09	EU-BD 819/1 EU-BD 819/2 EU-BD 591 EU-BD 906



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

SUZHOU TORIN	DZE-14E DZE-16E FZD10 FZD12A FZD12C PZ300B PZ300C PZD140 PZD220 PZD220A PZD300 SPZ300 SPZ800 SPZ1600 FZD12	EU-BD 901 EU-BD 966 EU-BD 846 EU-BD 991 EU-BD 1032 EU-BD 847 EU-BD 877 EU-BD 968 EU-BD 878 EU-BD 967 EU-BD 1020 EU-BD 893 EU-BD 898 EU-BD 866 EU-BD 864
HEPU	GZD3 (2X600) GZD3 (2X1300)	SCMB.0090 SCMB.0089 SCMB.0116
KINETEK	DB3-2x250 DB3-2x450 DB3-2x900 DB3-2x1400	NL16-400-1002-179-25 NL16-400-1002-179-26 NL16-400-1002-179-28 NL16-400-1002-179-29
ALZOLA	EVO-01 EVO-02 EVO-03 EVO-04	CM/061/13 CM/062/13 CM/063/13 CM/064/13
SUZHOU MONA DRIVE	EMM600 EMM1K, EMM2K EMK7K, EMK9K, EMK12K	NL19-400-1002-263-03 NL17-400-1002-263-02 NL17-400-1002-263-01

3.3. OTHER DECLARED EQUIPMENTS:

3.3.1. ENGINE DRIVE:

MANUFACTURER	TYPE	CONFORMITY REPORT NR.
AKAR	SMT140AC, SMT200AC, SMT225AC	--
AKIŞ	AK1, AK2, AK3, AK4, AK5, AK6, S100, S200	--
ZIEHL-ABEGG	M65, M73/M73H, M75/M75H, PENTA, M83, M93, M98H, M104H, SM132/A, SM132/B, SM160, SM180, SM190, SM200, SM210, SM250, BD132, 21A, BD132, 35A	--



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

ALBERTO SASSI	G100-G180, G200, G300, G400, G500 DFXY	--
ASTES	A4-80,A4-135,A4-150,A4-180,A-145,A-175	
BLUELIGHT	WYT-L, WYT-T, WYT-Y, WYT-H	--
KINETEK	WR-H, WR	
EKER	QS-1, QS-2, QS-3, QS-4, QS-5	902317
GEM	GLS 20 GLS 26 GLS 34 GLS 40 GLS 48	--
WITTUR	WSG RF, WSG-SF, WSG MF, WSG LF, WSG-TB, WSG-TR, WSG-S1, WSG-1.5, WSG- S2.1/2, WSG- S2.3, WSG-S2.4, WSG-S3, WSG-08, WSG-21, WSG-25, WSG-29, WGG- 29, WSG-52	
NAGEL	NAGEL.160-2 NAGEL.160-3	LD04-1017-0029-17.R01
SICOR	SGS4,SGS6,SGS7,SGS8,SGS9,SGS10,SG15,SG 22,SG30,SG40,SG48,SG53,SG58,SG62,SG7 0,SG75,SW03,SW05,SW07,SWS3,SWS5,	
TORIN	ER / VM / GTW / GTS / GTN	
HEPU POWER	WTD2 WTD1 WTD1-P WTD2-P	MA-0222 MA-0314
SICOR	SG22145BF - SGS7135B - SG15145BF - SG15145B - SG48F - SG40f - SG30F	CSQ 9102
SUZHUU MONA DRIVE	MONA 320 MONA 400 MONA 450 MCK 100 MCK 200 MCK 300	
MONTANARI	RTW Size 150, 200, 250, 350 TYPE 8012, RTW Size 600, 800, 1000 Type 8012, CA50.00643	



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

ZIEHL ABEGG	SM700, SM860, SL500, SL506, SL510, VDF132, VDF160, VDF180, VDF200, VDF225, VDF250, VDF280, BD132, ZAtop, ZAtopx, ZAdisc, ZAdyn, ZAdynpro, SM160, SM190, SM200, SZM225, SM250, SM132, SM180, SM210,	
-------------	---	--

3.3.2. GUIDE RAILS:

MANUFACTURER	TYPE	CONFORMITY REPORT NR.
SAVERA	T50-T70-T75-T89-T90-T125-T127-T140	--
ÇELİKRAY	T50-T70-T75-T89-T90-T125-T127-T140	--
MONTEFERRO	T50-T70-T75-T89-T90-T125-T127-T140	--
TÜRKELİ	T50-T70-T75-T89-T90-T125-T127-T140	--
ASRAY	T50-T70-T75-T89-T90-T125-T127-T140	--
MARAZZİ	T50-T70-T75-T89-T90-T125-T127-T140	--
RUNFA	T50-T70-T75-T89-T90-T125-T127-T140	--
TÜRKRAY	T50-T70-T75-T89-T90-T125-T127-T140	--

3.3.3. HANGING ROPES:

MANUFACTURER	TYPE	CONFORMITY REPORT NR.
GUSTAV WOLF	PAWO 819W + PAWO F7S -- Ø6,5 - Ø8 - Ø10 mm	CA 298
PFEIFER DRAKO	- 250T -- Ø6,5 - Ø8 mm	CA 067
İZMİT AŞ.	8*19 Fiber core, 8*19 Steel (6-12 mm)	--
KISWIRE	KIS8+HIGH SPEED -- Ø6,5 - Ø8 - Ø10 mm	CA 491
ÇOKYAŞAR	8*19 Fiber core, 8*19 Steel core (6-12 mm)	---
ERCİYES	8*19 S FC 6,5mm—10mm	--
KÖŞKERLER	SWR K-240W Ø6,5 - Ø8	--



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

3.3.4. CONTROL SYSTEMS

MANUFACTURER	TYPE	CONFORMITY REPORT NR.
AR KEL	ARCODE ARL 700 ARCUBE	NL17-400-1002-048-11 NL17-400-1002-048-15 NL19-400-1002-048-19
AYBEY	MAESTRO AESMART	NL19-400-1002-045-17 NL21-400-1002-045-19
S&AS. LTD	MICROZED V3.3A MICROZED V3.5A ASTRA V12	16-MO-0184.E01
MİKEL	SX ULTRA U-STO	NL17-400-1002-039-16 NL17-400-1002-039-17 NL19-400-1002-039-18
HEDEFSAN	HD-BE	NL18-400-1002-244-01
MİKOSİS	MİKOSİS G1/G3 MİKOSİS BYPASS MİKOSİS G1CG3C MİKOSİS G1RF	NL16-400-1002-119-11
MİKROLİFT	MLCOMBO-X ML40P	NL21-400-1002-064-15 NL16-400-1002-064-09
MONARCH	SOZHOU INOVANCE TECHNOLOGY NİCE 3000	NL17-400-1002-209-06
UPSET	İBOARD	LDsq08-0311-0013-20

3.4. INFORMATION ABOUT MODEL LIFT:

RATED LOAD:800 KG

NUMBER OF PERSON: 10

SPEED(m/s):1,0

TRAVEL DISTANCE (m):18

NUMBER OF STOPS: 7

NUMBER OF FLATS: 7

TRACTION TYPE: 2:1 SUSPENSION GEARLESS MACHINE

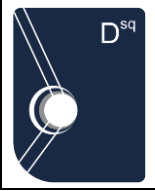
CONTROL SYSTEM: COLLECTIVE WITH VVVF

CLASS: I

CAR AREA (m²): 1,8

COUNTERWEIGHT LOCATION: SIDE

INSTALLATION ADDRESS: SAMPLE LIFT- MAKSOU D 1555 – ESSEILY STREET – JDEIDEH – BEIRUT – LEBANON (SAVERO LIFT MANUFACTURING FACTORY)



REPORT OF EU TYPE EXAMINATION



Report Nr: LDsq01-0106-0082-23

3.5. EVALUATION:

The evaluation activity was carried out by examining the technical files submitted by the applicant and performing the inspection and test procedures of the model elevator assembled. The evaluation was carried out at the applicant's facilities, in the installed elevator site and by the technical expert from D KARE head office with the participation of the applicant representative MAROUN BOU FARHAT

3.6. IGNORED POINTS DURING ASSESMENT ACTIVITIES:

3.7. MEASUREMENT DEVICES USED DURING ASSESMENT ACTIVITIES.

Equipment	Mark – Serial Nr	Calibration Date	Calibration Company
CALIPER	BTS / 4380	12.2021	21-15500
METER	SGS / 7191	12.2021	21-15501
TACHOMETER	TT T-ECHNI-C / S107134	12.2021	21.ELE.2991
INSULATION TESTER	TT T-ECHNI-C / 84084	12.2021	21-15503
POWERMETER	BORA / 16-5481	12.2021	21-15513
MULTIMETER	UNI-T / C191461052	12.2021	21-15502
LUX METER	LKM 08	08..2022	O-2204044/01
VOICE METER	HENNING - 3132322	01.2022	A-2200064/05

SECTION 4: FINDINGS OF ASSESSMENT:

Assesment findings are listed on the file FR.LD.04EK1 EU Type Examination finding report which is annex of this report.

SECTION 5: CONCLUSION AND INFORMATION ABOUT THE REPORT

ADVICE/RECOMMENDATION OF THE TECHNICAL EXPERT: According to the conformity assessment activities the model lift which is installed in the address stated above meets the essential requirements of annex I of 2014/33/EU Lift Directive. This report is related to the lifts and inspection of lifts those are stated on this report.

Annexes: --

Date of report: 06.01.2023

REPORT INFORMATION	
Prepared by, Technical Expert	Signature
MUSTAFA GÖRMÜŞ	