CHECK LIST FOR LIFTS ACCORDING TO EN 81-20

TÜVCYPRUS

Zorlu-25/01

Owner: Hüseyin Sezgin, Sezginler Gıda Tic. Ltd. Şti.	
Installer: Zorlu Asansör Ticaret ve Sanayi Limited Şirketi	
Address of lift: Çiftlikköy Mah. 3206. Sok. No:11 Yenişehir	City: Mersin
Type of elevator	Passenger ☒ Goods Passenger ☐ Traction Drive ☐ Positive Drive ☐ Hydraulic Drive ☐
Stops/Travel/Machinery Location	6 (-2, -1, 0, HM, 1, 2, 3, 4, 5, 6, 7, 8, 9, ...) / 15 m / Kuyu dışı üst makaralı
Speed	1.0 m/s
Machine for traction lifts and positive drive lifts	Manufacturer Kinetek Type WJC-1000-100-E S/N 23010986 Power 6.1 HP/kW 95 rpm
Machine for hydraulic lift	Pump: Manufacturer — Type — S/N — Flow — lt/min Power — kW Pressure — bar Jack: Number — Manufacturer — Dimensions — x — x — Mm S/N — Piping: Type — Diameter — Pressure — Pressure relief valve: Pressure limit — bar (1.4 x Full load pressure), Pressure without load — bar, Pressure with load — Bar
Control	Manufacturer Arkel Type Arcade S/N 18420210190
Landing Doors	Dimensions 0.9 m x 2.0 m Horizontal sliding doors ☒ Vertical sliding doors ☐ Other Type ..... Automatic power ☒ Non – automatic ☐
Landing lock locking device	Manufacturer and Type: Fermator, Posit, LD2021065066-9122
Car door locking device	Manufacturer and Type: Fermator, CDL, 958800-0008
Car	Dimensions 1.4 m x 1.36 m x 2.2 m
Number of passengers and Rated Load	12pas / 900 Kg
Lighting	Car: 121 Lux, Car roof: 82 Lux, Pit: 78 Lux, Machine room: 240 lux
Suspension means	Roping Arrangement: 2 :1 Number of ropes /Diameter 5 x Ø 10 Mm Traction/Pulley Ø 400 Axle Ø 400 Wrap angle: 180° Type of groove: U ☐ U with undercut ☐ V ☐ V with undercut ☒
Safety Gear (Manufacturer, Type, S/N)	Car safety gear: Zorlu, Z-08 BPSG, 23-1236 Counterweight safety gear: — Balancing weight safety gear: —
Ascending car overspeed protection means	Manufacturer Kinetek Type DBI-510-840 S/N 23010986
Overspeed Governor	Manufacturer Canlift Type CL0730014 Tripping Speed 1.4 m/s 29624 EAC
Rupture valve	Manufacturer — Type — S/N —

Restrictor	Manufacturer..... Type..... S/N.....
Pawl Device	Manufacturer..... Type..... S/N.....
Gide Rails	Car: Number of Rails ..7.. Type ..B... Dimensions ..90.. x ..75.. x ..16.. mm Fixing Distance ..1.5..... m Distance Between Guides ..1560.. mm Counterweight: Number of Rails ..2..Type ..B.. Dimensions ..50..x..50..x..5..mm Fixing Distance ..1.5..... m Distance Between Guides ..1420.. mm Balancing Weight: Number of Rails.....Type.....Dimensions .....x.....x.....mm Fixing Distance ..... m Distance Between Guides ..... m
Buffers	Car: Number ..1.... Manufacturer..ABT..... Type..EYL1..... Counterweight: Number ..1... Manufacturer..ABT..... Type..EYL1.....

TABLE OF CHECK POINTS

Sub Clause	Safety Requirement	Visual Inspection	Performance check / test	Acceptable	Not Acceptable	Remarks
5.1	**General**					
5.1.1	Non – significant hazards	✓		✓		
5.1.2	Notices and Labels	✓		✓		
5.2	**Well, machinery spaces and pulley rooms**					
5.2.1	General Provisions	✓	✓	✓		
5.2.2	Access to well and to machinery spaces and pulley rooms	✓	✓	✓		
5.2.3	Access and emergency doors – Access trap doors – Inspection doors	✓		✓		
5.2.4	Notices	✓		✓		
5.2.5	Well	✓	✓	✓		
5.2.6	Machinery spaces and pulley rooms	✓	✓	✓		
5.3	**Landing doors and car doors**					
5.3.1	General provisions	✓		✓		
5.3.2	Height and width of entrances			✓		
5.3.3	Sills, guides, door suspension	✓		✓		
5.3.4	Horizontal door clearances	✓	✓	✓		
5.3.5	Strength of landings and car doors	✓	✓	✓		
5.3.6	Protection in relation to door operation	✓	✓	✓		
5.3.7	Local landing lighting and "car here" signal lights	✓	✓	✓		
5.3.8	Locking and closed landing door check	✓	✓	✓		
5.3.10	Requirements common to devices for proving the locked condition and closed condition of the landing door		✓	✓		

TABLE OF CHECK POINTS						
Sub Clause	Safety Requirement	Visual Inspection	Performance check / test	Acceptable	Not Acceptable	Remarks
5.3.11	Sliding landing doors with multiple mechanically linked panels	✓	✓	✓		
5.3.12	Closing of automatically operated landing doors	✓	✓	✓		
5.3.13	Electric safety device for proving the car doors closed	✓	✓	✓		
5.3.14	Sliding of folding car doors with multiple mechanically linked panels	✓	✓	✓		
5.3.15	Opening the car door	✓	✓	✓		
5.4	**Car, counterweight and balancing weight**					
5.4.1	Height of car			✓		
5.4.2	Available car area, rated load, number of passengers		✓	✓		
5.4.3	Walls, floor and roof of the car	✓		✓		
5.4.4	Car door, floor, wall, ceiling and decorative materials	✓		✓		
5.4.5	Apron	✓		✓		
5.4.6	Emergency trap doors and emergency doors	✓		✓		
5.4.7	Car roof	✓		✓		
5.4.8	Equipment on top of the car	✓	✓	✓		
5.4.9	Ventilation	✓		✓		
5.4.10	Lighting	✓		✓		
5.4.11	Counterweight / balancing weight	✓		✓		
5.5	**Suspension means, compensation means and related protection means**					
5.5.1	Suspension means	✓		✓		
5.5.2	Sheave, pulley, drum and rope diameter ratios, rope/chain terminations	✓		✓		
5.5.3	Rope traction		✓	✓		
5.5.4	Winding up of ropes for positive drive lifts		✓	✓		
5.5.5	Distribution of load between the ropes or the chains	✓	✓	✓		
5.5.6	Compensation means		✓	✓		
5.5.7	Protection for sheaves, pulleys and sprockets	✓		✓		
5.5.8	Traction sheaves, pulleys and sprockets in the well	✓		✓		
5.6	**Precautions against free fall, excessive speed, unintended car movement and creeping of the car**					
5.6.1	General provisions	✓		✓		
5.6.2	Safety gear and its tripping means	✓	✓	✓		
	Car safety gear			✓		
	Counterweight or balancing weight safety gear				✓	
5.6.3	Rupture valve	✓	✓		✓	
5.6.4	Restrictors	✓	✓		✓	

TABLE OF CHECK POINTS						
Sub Clause	Safety Requirement	Visual Inspection	Performance check / test	Acceptable	Not Acceptable	Remarks
5.6.5	Pawl device	✓	✓	✓	✓	
	a) Dynamic test			✓		
	b) Visual examination of the engagement of the pawl(s) with all supports, and of the running clearance measured horizontally between the pawl(s) and all supports during travel			✓	✓	
	c) Verification of the stroke of the buffers				✓	
5.6.6	Ascending car overspeed protection means	✓	✓	✓		
5.6.7	Protection against unintended car movement	✓	✓	✓		
5.7	**Guide rails**					
5.7.1	Guiding of the car, counterweight or balancing weight	✓		✓		
5.7.2	Permissible stresses and deflections	✓		✓		
5.7.3	Combination of loads and forces			✓		
5.7.4	Impact factors			✓		
5.8	**Buffers**					
5.8.1	Car and counterweight buffers	✓	✓	✓		
5.8.2	Stroke of car and counterweight buffers	✓	✓	✓		
5.9	**Lift machinery and associated equipment**					
5.9.1	General provision	✓		✓		
5.9.2	Lift machine for traction lifts and positive drive lifts	✓	✓	✓		
5.9.2.2	Braking System			✓		
5.9.3	Lift machine for hydraulic lifts	✓	✓	✓	✓	
5.10	**Electric installations and appliances**					
5.10.1	General Provisions	✓	✓	✓		
5.10.2	Incoming supply conductor terminations			✓		
5.10.3	Contactors, contactor relays, components of safety circuits	✓	✓	✓		
5.10.4	Protection of electrical equipment	✓	✓	✓		
5.10.5	Main switches	✓	✓	✓		
5.10.6	Electric wiring	✓		✓		
5.10.7	Lighting and socket outlets	✓	✓	✓		
5.10.8	Control of the supply for lighting and socket outlets	✓	✓	✓		
5.10.9	Protective earthing		✓	✓		
5.10.10	Electrical identification	✓		✓		

TABLE OF CHECK POINTS						
Sub Clause	Safety Requirement	Visual Inspection	Performance check / test	Acceptable	Not Acceptable	Remarks
5.11	**Protection against electric faults; failure analysis; electric safety devices**					
5.11.1	Protection against electric faults; failure analysis	✓	✓	✓		
5.11.2	Electric safety devices	✓	✓	✓		
5.12	**Controls – Final limit switches - Priorities**					
5.12.1	Control of lift operations	✓	✓	✓		
5.12.1.1.4	Stopping of the car at landings and leveling accuracy			✓		
5.12.2	Final limit switches	✓	✓	✓		
5.12.3	Emergency alarm device and intercom system	✓	✓	✓		
5.12.4	Priorities and signals	✓	✓	✓		
6.3.2	**Electric Installation**	✓	✓	✓		
6.3.10	**Pressure test**	✓	✓		✓	

OTHER FINDINGS - NOTES – REMARKS

DATE : 10-04-2025

INSPECTOR: Halil DİNDAR

SIGNATURE: