|  |  |  |
| --- | --- | --- |
| Owner: fds  fds | | |
| Installer: ÖZAY MÜHENDİSLİK - MEHMET MUHAMMET ÖZDOĞRU | | |
| Address of lift: Akpınar Mah fds Aladağ/Adana – fds/fds | | City: Adana |
| Type of elevator | Passenger  Goods Passenger  Traction Drive  Positive Drive  Hydraulic Drive | |
| Stops/Travel/Machinery Location | …… (-2, -1, 0, ΗΜ, 1, 2, 3, 4, 5, 6, 7, 8, 9, .................) / ………… m / ………. | |
| Speed | ………… m/s | |
| Machine for traction lifts and positive drive lifts | Manufacturer…………………………… Type………………….. S/N…………………..  Power …………… HP/kW ……………… 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…………………………… Type………………….. S/N………………….. | |
| Landing Doors | Dimensions …………… m x ………….. m  Horizontal sliding doors  Vertical sliding doors  Other Type ……….  Automatic power  Non – automatic | |
| Landing lock locking device | Manufacturer and Type: …………………………………………………………………………… | |
| Car door locking device | Manufacturer and Type: …………………………………………………………………………… | |
| Car | Dimensions …………… m x ………….. m x ………….. m | |
| Number of passengers and Rated Load | ……………… / …………………… Kg | |
| Lighting | Car: ………. Lux, Car roof: ………. Lux, Pit: ………. Lux, Machine room: ……….lux | |
| Suspension means | Roping Arrangement: …...:1 Number of ropes /Diameter ……. x Ø ……. Mm  Traction/Pulley Ø …………… Axle Ø………. Wrap angle: ……………    Type of groove: U  U with undercut  V  V with undercut | |
| Safety Gear (Manufacturer, Type, S/N) | Car safety gear: ……………………………………………………………………………  Counterweight safety gear: ………………………………………………………….  Balancing weight safety gear: ……………………………………………………… | |
| Ascending car overspeed protection means | Manufacturer…………………………… Type………………….. S/N………………….. | |
| Overspeed Governor | Manufacturer…………………………… Type………………….. Tripping Speed ………… m/s | |
| Rupture valve | Manufacturer…………………………… Type………………….. S/N………………….. | |
| Restrictor | Manufacturer…………………………… Type………………….. S/N………………….. | |
| Pawl Device | Manufacturer…………………………… Type………………….. S/N………………….. | |
| Gide Rails | Car: Number of Rails …….. Type …….. Dimensions …….. x …….. x …….. mm  Fixing Distance ……………. m Distance Between Guides ……………….. m  Counterweight: Number of Rails …….Type …… Dimensions ……..x ……..x……..mm  Fixing Distance ……………. m Distance Between Guides ……………….. m  Balancing Weight: Number of Rails…….Type……Dimensions ……..x……..x……..mm  Fixing Distance ……………. m Distance Between Guides ……………….. m | |
| Buffers | Car: Number ……. Manufacturer…………………………… Type………………………  Counterweight: Number ……. Manufacturer…………………… Type………………… | |

| **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 |  | ✓ |  |  | |  |
| 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 | ✓ | ✓ |  |  | |  |
| 5.6.5 | Pawl device | ✓ | ✓ |  |  | |  |
|  | 1. Dynamic test |  |  |  |  | |  |
|  | 1. 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 |  |  |  |  | |  |
|  | 1. 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 | ✓ |  |  |  | |  |
| **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 :** | | | | | | ……………………………………………….. | |
| **INSPECTOR:** | | | | | | ……………………………………………….. | |
| **SIGNATURE:** | | | | | | ……………………………………………….. | |