

Midlift DL Certificate of Test & Examination After Installation

Notes:

1. Complete boxes where data required. With 'Yes' / 'No' questions, the shaded box indicates the satisfactory / expected condition.
2. Sections 2, 3 4 & applicable part of Section 7 as directed to be completed by Test Engineer; all other parts to be completed by lift Installer.

Lift no.

1. Description of Installation

Site Address:..... Site Telephone No.	Manufacturer: Daldoss				
Length of Travel <input type="text"/> m Number of Levels served <input type="text"/> Rated Load <input type="text"/> kg Rated Speed <input type="text"/> m/s Type of drive system <input type="text" value="Electro/hydraulic"/>	Location of hydraulic drive unit <div style="border: 1px solid black; height: 50px; width: 100%;"></div> Direct acting <input type="checkbox"/> Indirect <input type="checkbox"/> Stages <input type="checkbox"/>				
<p>Electrical supply</p> specified <input type="text" value="A"/> <input type="text" value="240 V"/> <input type="text" value="1 phase"/> <input type="text" value="50 Hz"/> Fuse rating fitted <input type="text" value="A"/>					
Type: Switch fuse <input type="checkbox"/> ; Switch spur <input type="checkbox"/> ; Fused spur <input type="checkbox"/> ; MCD <input type="checkbox"/> ; Isolator <input type="checkbox"/>					
Is the electrical supply: a. permanent? Yes <input type="checkbox"/> No <input type="checkbox"/> b. accessible? Yes <input type="checkbox"/> No <input type="checkbox"/>					
Actual voltage at time of test <input type="text" value="V"/> Is there an RCD fitted? Yes <input type="checkbox"/> No <input type="checkbox"/>					
Electrical Key Wiring Diagram Number <input type="text"/>					
<p>Telephone details</p> Is the lift car fitted with a BT telephone? Yes <input type="checkbox"/> No <input type="checkbox"/> If 'Yes', record number <input type="text"/>					
Is the lift car fitted with an autodialler? Yes <input type="checkbox"/> No <input type="checkbox"/> If 'Yes', record numbers: Line in <input type="text"/>					
Numbers out <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table>					

2. Hydraulic drive unit tests

(a) With rated load in the car and at highest floor level, record the static hydraulic fluid pressure

bar

(b) Provide the following details of the pump unit:

Manufacturer

Serial or reference number

Type

(c) Measure and record the following normal running operational data when the car has picked up the Gantry:

Car loading condition	Hydraulic Pressure (see Note) bar	Lift speed m/s	Volts	Amps	Floor Level
Empty, down					
Empty, up					
Rated, down					
Rated, up					

Note: Take pressure readings between check valve or down direction valve and the supply line to the ram.

(d) The pressure at which the relief valve operated

bar

(e) Is the integrity of the pipework acceptable?

Yes No

(f) Is the relief valve secured against unauthorised interference?

Yes No

(g) Is there sufficient oil in the system when the lift is at the top floor?

Yes No

(h) Does operation of the manual lowering valve lower the car at a slow speed not exceeding 0.15 m/s?

Yes No

- (i) When held stationary over a period of 10 min under full load conditions in any position of travel, does the car creep more than 0.5 % of the maximum lift travel? Yes No
- (j) Does the anti-creep device automatically prevent the car moving away from a landing level by more than 20mm? Yes No
- (k) Does the anti-creep device operate with the landing door in both the open and closed positions? Yes No
- (l) Does the operation of the platform stop switch, and the ultimate limit switch prevent the anti-creep device operating correctly? Yes No
- (m) What is the longest journey time (up or down direction)

3. Electrical checks

- (a) Control circuit full load voltage
- (b) Measure & record the following insulation resistances to earth; tick 'Yes' to confirm all measurements are above 5M Ω
 Motor Mains Safety Yes No
- (c) Is all the metal work bonded to earth? Yes No
- (d) Is the maximum continuity to earth less then 0.5 Ω ?
 Measured value Ω Yes No
- (e) Is the Earth loop impedance less than 0.5 Ω ?
 Measured value Ω Yes No
- (f) Is the car connected to earth by a separate conductor? Yes No
- (g) Is the 'hold' time delay 3 secs or more ?
 Measured value Yes No
- (h) Motor data plate details
- (i) Motor manufacturer
- (j) Does the RCD operate correctly (if fitted)? N/A Yes No
- (k) With mains power disconnected, does the car descend under car control? Yes No
- (l) With mains power disconnected, does the lift alarm function? Yes No
- (m) Does the emergency light operate correctly? Yes No

4. Mechanical checks

- (a) Does the safety gear operate correctly at rated speed and rated load? Yes No
- (b) When operated with Rated Load (see Section 1), does the rupture valve stop the lift within a distance of 1000mm? Yes No
Record test load kg Record stopping distance mm
- (c) Are clearances between car & landing thresholds at each landing entrance less than 20mm? Yes No
- (d) Do the landing door locks prevent the door from being opened when the lift is away from that floor zone? Yes No
- (e) Does the ultimate limit operate correctly? Yes No
If yes, state the dimension above the top floor landing at which it operated mm
- (f) With car at lowest floor, is the clean ram measurement 100mm? Yes No
Record measured value mm
- (g) Does the car clear all obstructions when driven at rated speed ? Yes No
- (h) Do the landing door electrical interlocks stop lift from moving when the door is open ? Yes No
- (i) Do the landing door lock electrical contacts stop the lift from moving if the lock fails to operate ? Yes No
- (j) When the top landing lock contact is shorted to earth, does the short circuit protection device operate? Yes No
- (k) With the ram forced to its collared upper limit, measure & record the up over-travel mm
- (l) Check for correct function of each of the following switches & interlocks. Tick individual box if satisfactory & then 'Yes' box if **all** individual boxes are ticked:
Stopping limits ; Car stop switch ; Pit prop switch ; Landing door contacts ; Landing locks contacts ; Safety gear switch ; Ultimate limit latching ; Car threshold light ray(s) ; Landing & car push buttons ; Landing 'present' indicators ; Alarm buzzer ; Key switches
All switches & interlocks function correctly Yes No
- (m) Check condition of each of following critical components; tick individual box if satisfactory, & tick 'Yes' if **all** boxes individual boxes ticked:
Rope anchors ; Rope grips ; hydraulic hose ; toe guard at each car entrance Yes No
- (n) With the car at top floor, is the oil level in the tank correct? Yes No
- (o) Does the access route to the control cabinet comply with **all** the following requirements? Tick individual box if satisfactory, & tick 'Yes' if all individual boxes ticked:
min. headroom 2m ; min. light level 50 lux ; safely & easily accessed without use of ladders & without exposing personnel to hazards of any type Yes No

(p) Lighting measurements – confirm that light levels comply with following requirements:

Each landing entrance–200 Lux Yes No Lift pit–100 Lux Yes No
 Control cabinet zone–200 Lux Yes No Shaft light–100 Lux Yes No

5. Inspection checks

- (a) Are **all** labels attached per document 'Labelling arrangement – Midilift DL' issue 27.09.04? If not, then detail exceptions Yes No
- (b) Do the relevant labels carry the correct details of:
 (Tick individual boxes as appropriate, then 'Yes' if **all** boxes ticked)
 lift type ; serial no. ; year of manufacture ; rated load Yes No
- (c) Is the serial no. plate stamped or etched with the correct lift specific details? (If serial number written by pen, then 'No' box should be ticked) Yes No
- (d) Is the CE mark displayed on **each** of the following components?
 (Tick individual boxes as appropriate, then 'Yes' if **all** ticked):
 Load plate ; Door locks ; Rupture valve ; Safety gear Yes No
- (e) Is the lift control cabinet installed in a 'plant room' or (similar) which is secured against unauthorised access? Yes No
- (f) (If applicable), does the plant room door comply with **both** of the following: open outwards & fitted with a lock which can be unlocked from inside without a key? N/A Yes No
- (g) If there is no 'plant room', then has the control cabinet been fitted with a key lock (in place of standard triangular key)? N/A Yes No
- (h) Does the location chosen for the control cabinet comply with all of the following requirements?
 (tick individual boxes as appropriate, then 'Yes' if **all** ticked):
 min headroom 2m ; clear space in front of 700mm, to full width of cabinet ; non-slip floor ; environment: damp-proof, weather-proof, ventilated & not subject to excess temperatures (>30C or <10C) Yes No
- (i) Record main hydraulic hose details as follows:
 Serial no. Tested pressure (bar) length (m) date of mfr
- (j) Check & record rope details as follows:
 Serial nos. date of mfr
- (k) Are all doors fitted according to the site specific 'Builders work drawing & schedule Midilift – DL' (verify fire rating & handing of door at each landing) Yes No
- (l) Have the wiring diagrams / drawings been left on site? Yes No

6. User Instructions

a) Confirm that the operating instructions have been handed to the user/owner Yes No

b) Lift normal operation and emergency procedures demonstrated and handed over to:

Name Position

Representing Tel. no.

c) Is the User/Owner satisfied with the product? Yes No

d) Are there any irregularities/special revisions on site? Yes No

If yes please detail below;

Outstanding items sheet attached? Yes No

7. Declaration

Part 1 – Mechanical & electrical checks *To be completed by Test Engineer*

I certify that tests & checks described in Sections 2 to 4 of this document have all been carried out & subject to completion of outstanding works described on attached sheet (if applicable), lift function is satisfactorily.

Name Signed Date
(in capitals)

Outstanding items sheet attached? Yes No *If 'No' ticked, it is assumed there are no outstanding items*

Part 2 – Lift completion & handover *To be completed by lift Installer*

I certify that on this lift was thoroughly examined and found to be free from obvious defects and that the foregoing is a correct report of the result.

Name Signed Date
(in capitals)

Company name & address
(complete if sub-contract installation)

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