

GENERAL DATA

Notice: Control voltage is 24V DC - Power supply is 380/415 VAC

Company name:		FAO:	
Project name:		Project number:	
Project address:		Required delivery date (dd/mm/yy):	/ /
Delivery address*:			

*Please ensure that an authorised person will be at the delivery address in order to receive the controller.

Mains power available:

3φ x 415v + Neutral wire (4 wire system)
 3φ x 415v only, no neutral wire (3 wire system)
 Other: _____

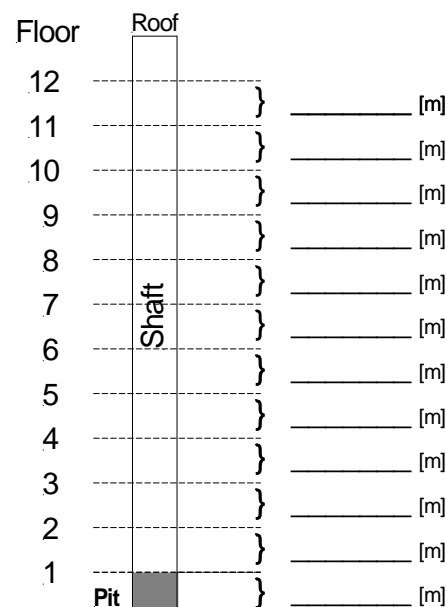
Controller type:

Simplex Duplex Triplex
 VVVF Closed loop VVVF Open loop Gearless Hydraulic Two-speed Single-speed MRL

This section has to be filled, please do not leave blank

Does the lift require any special features from the control panel in order to comply with the certification of the lift?
 e.g trip counter, current monitoring during run, working hours counter, direction of motor rotation, etc. Yes No

General information:

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Number of landings:</td><td></td></tr> <tr><td>Location of main floor(s):</td><td></td></tr> <tr><td><input type="checkbox"/> Passenger lift, Number of passengers:</td><td></td></tr> <tr><td><input type="checkbox"/> Goods lift, Max. cargo weight:</td><td></td></tr> <tr><td>Number of starts per hour:</td><td></td></tr> <tr><td>Rated speed:</td><td style="text-align: right;">[m/s]</td></tr> <tr><td>Rated speed on inspection:</td><td style="text-align: right;">[m/s]</td></tr> </table> <p>Floor designation: Bottom</p> <table style="width: 100%; text-align: center;"> <tr> <td style="width: 10%; border: 1px solid black;"> </td> <td style="width: 10%; border: 1px solid black;"> </td> <td style="width: 10%; border: 1px solid black;"> </td> <td style="width: 10%; border: 1px solid black;"> </td> <td style="width: 10%; border: 1px solid black;"> </td> <td style="width: 10%; border: 1px solid black;"> </td> <td style="width: 10%; border: 1px solid black;"> </td> <td style="width: 10%; border: 1px solid black;"> </td> <td style="width: 10%; border: 1px solid black;"> </td> <td style="width: 10%; border: 1px solid black;"> </td> </tr> </table> <p>Travel regime:</p> <p> <input type="checkbox"/> Full collective <input type="checkbox"/> Down collective <input type="checkbox"/> One button per floor <input type="checkbox"/> Other, please specify: _____ </p> <p> <input type="checkbox"/> Safety chain voltage: <input type="checkbox"/> 48V <input type="checkbox"/> 72V <input type="checkbox"/> 90V <input type="checkbox"/> 110V Roping: <input type="checkbox"/> 1:1 <input type="checkbox"/> 2:1 Locks contact rated voltage: _____ </p>	Number of landings:		Location of main floor(s):		<input type="checkbox"/> Passenger lift, Number of passengers:		<input type="checkbox"/> Goods lift, Max. cargo weight:		Number of starts per hour:		Rated speed:	[m/s]	Rated speed on inspection:	[m/s]											<div style="text-align: center;"> <p>Floor Roof</p>  <p style="text-align: center;">Shaft</p> <p>Pit</p> </div> <p><input type="checkbox"/> Short floors: _____</p>
Number of landings:																									
Location of main floor(s):																									
<input type="checkbox"/> Passenger lift, Number of passengers:																									
<input type="checkbox"/> Goods lift, Max. cargo weight:																									
Number of starts per hour:																									
Rated speed:	[m/s]																								
Rated speed on inspection:	[m/s]																								

Comments:

When completed please fax to: 01937 572 299
For assistance filling out this form please contact us at:
Phone: 0870 609 3570 FAX: 01937 572 299 E-mail: info@talinor.co.uk
This form can be downloaded from our website www.talinor.co.uk

MACHINE ROOM DATA

Traction machines:

Machine: Re-use existing New

Type of motor:

Squirrel cage induction Slip-ring Other: _____

Single-phase Tri phase

Motor power: _____ [KW]	Voltage: _____ [V]
Rated Current: _____ [A]	Rated speed: _____ [RPM]
Cos (φ) / P.F : _____	Design Type: _____

Motor cooling fan, voltage: _____ [VAC]

DC Brake voltage: _____ [VDC] Current: _____ [A]

AC Brake voltage: _____ [VAC] Current: _____ [A]

Motor temperature sensor (thermistor) cold resistance: _____ [Ω]

Location of machine: Overhead Basement

Geared AC , Gear ratio: _____

Gearless Slow shaft brake (**Uncontrolled movement A3**)

Sheave diameter: _____ [mm]

Lift data:

Number of diverters: _____

Cabin weight: _____ [Kg]

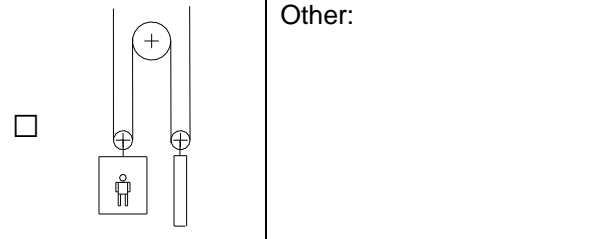
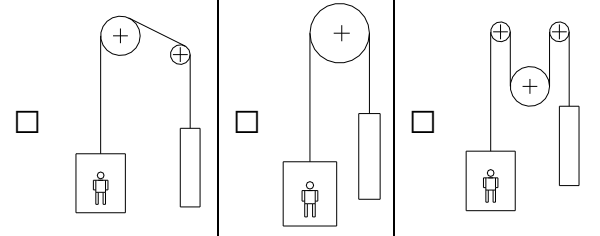
Counterweight weight: _____ [Kg]

Rope weight: _____ [Kg]

Out of balance load: _____ [Kg]



Configuration:



Motor power cable

Re-use existing (Hydro Lifts Only)

To be supplied with control panel, length: _____ [m] (Recommended for VVVF lifts)*



*We supply a low capacity double-screened cable specially designed for VVVF applications.

Motor encoder (for closed loop lifts only)

Re-use existing: Manufacturer: _____ Model: _____

New: Manufacturer: _____ Model: _____

To be supplied with control panel



Encoder cable (for closed loop lifts only)

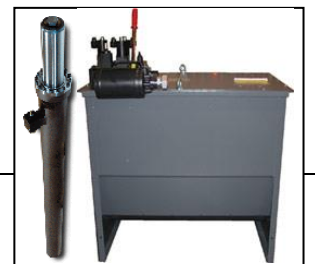
Re-use existing To be supplied with the control panel, length: _____ [m]

Hydraulic machines:

Pump motor: New Re-use existing

Manufacturer: _____ Model: _____

Motor power: _____ [KW] Voltage: _____ [V] Current: _____ [A]



Valve block manufacturer: _____ Model: _____ Number of valves: _____

AC Valves DC Valves, Voltage: _____ [V] Current: _____ [A]

Oil heater, voltage: _____ [V] Current: _____ [A] Single phase Tri phase

Oil cooler, voltage: _____ [V] Current: _____ [A] Single phase Tri phase

Oil temperature sensor input (please ensure that the oil temperature sensor has an on/off volt free contact)

Oil high pressure sensor input (please ensure that the high pressure sensor has an on/off volt free contact)

Oil low pressure sensor input (please ensure that the low pressure sensor has an on/off volt free contact)

Dry pump Submersible pump Over Speed Governor solonoid (uncontrolled movement): _____ V

MACHINE ROOM DATA – CONTROL PANEL

Control panel:

- AC Contactors (hoist and door motors) DC Contactors (hoist and door motors)
- Inspection in control panel
- Phase reversal unit
- Lift out of service contact
- Filter EMI/RFI
- Braking resistor
- Handwinding indicator with 12V alarm backup
- Thermistor interface unit for motor windings: Re-use existing To be supplied with control panel
- Over-speed governor release push, coil voltage: _____ [VAC]
- Programming tool
- Special features: _____



Gong system:

- Car arrival landing gong system (gong sounds on car arrival in response to hall calls only), speakers on each landing
- In car arrival gong (gong sounds on car arrival in response to car calls only), speaker in the car
- Passing chime (gong sounds on each floor passing, speaker in the car)

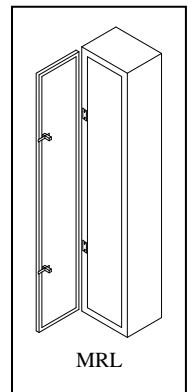
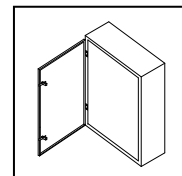


Hydraulic lifts:

- Soft starter Y – Delta motor starting
- Direct start, across the line
- Safety circuit for relevelling with doors open
- Emergency lowering system (in-car button activated by passenger during power failure)
Emergency valve voltage: _____ [V] Current: _____ [A]
- Electronic valve interface circuit: _____ Model: _____

Cabinet

- Plastic document retainer on cabinet door
 - Preferred dimensions (mm):
 - 600W x 800H x 250D
 - 600W x 1000H x 250D
 - 800W x 800H x 250D
 - 600W x 1000H x 300D
 - 800W x 800H x 300D
 - 400W x 2000H x 250D300/D (MRL)
- Enclosure dimensions limited
- By: Height Width
- Dust-tight** cabinet
- Lockable cabinet
- Cabinet hinged on right side (default)
- Cabinet hinged on left side
- Floor mounted cabinet



Documentation

- Complete manual
- Back-up CD (contains all documents, drawings and control board software)

HOIST WAY DATA

Landing Doors:

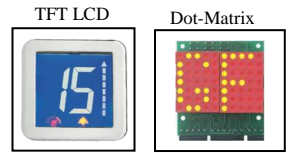
- Automatic landing doors
- Manual landing doors - swing (Hinged)
- Manual landing doors - shutter gate



Landing Indicators:

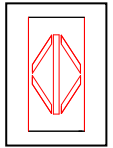
Landing position indicators:

- TFT Dot-Matrix
- Re-use existing:
 - Digital Analogue, voltage: _____ [V] Current: _____ [A] signal: Positive/ Ground
- To be supplied with control panel (digital only)
- Position indicator on main landing only Position indicator on all landings



Directional Arrows:

- Direction arrows on main landing only Direction arrows on each landing
- Arrow to show next direction only upon car arrival (Lantern)
- Arrow to show constantly current direction and next direction of the car travel
- To be supplied with control panel (digital only)
- Re-use existing: Digital Analogue, voltage: _____ [V] Current: _____ [A]
Activation signal: Positive Ground



Other indicators:

- 'CAR HERE' contact 'IN USE' contact 'LIFT COMING' contact Call/Send Buttons
- Lamp voltage: _____ [V] Current: _____ [A]

Other data:

- Hall- and car-call pushbuttons lamp voltage: _____ [V] Current: _____ [mA]



- Fire recall landing (specify floor number): _____

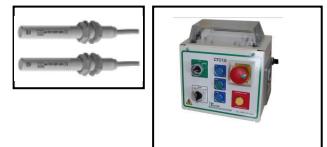
- Front door to be open in fire recall
- Rear door to be open in fire recall
- Smoke detector on each floor

- Firefighters lift
EN81-72



Accessories to be supplied with the control panel:

- Shaft wiring (**loom**), with pluggable connectors.
- Shaft gear to be supplied with control panel (**magnets, magnetic sensors and bracket**)
- Car top inspection box to be supplied with the control panel (Complies with BS 7255)



Over Speed Governor Remote Release/Test Switch

- Test switch for OSG coil, Coil Voltage _____ V AC DC

Duplex

- One row of landing calls Two rows of landing calls
- Length of communication cable between controllers: _____ m

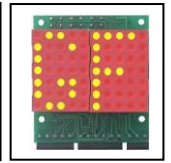
CAR DATA

Car position indicators:

- LCD Dot-Matrix
- To be supplied with control panel (Digital only)
- Re-use existing (Digital Analogue – position lamps)

TFT LCD

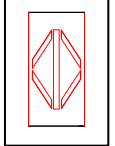
Dot-Matrix



Voltage: _____ [V] Current: _____ [A] Activation signal: Positive Ground

Car direction indicators:

- To be supplied with control panel
- Re-use existing (Digital Analogue)



Voltage: _____ [V] Current: _____ [A] Activation signal: Positive Ground

Speech Unit: Re-use existing (please provide datasheet)

New, other supplier (please provide datasheet)

To be supplied with control panel:

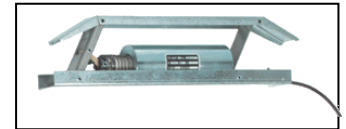
- Standard sequential messages (Ground to 12th floor)
- Standard auxiliary messages: Doors opening Doors closing Car travelling up
- Car travelling down Car overloaded

Non-standard messages: 1) _____ 2) _____ 3) _____
 4) _____ 5) _____ 6) _____
 (Full list of messages available upon request.)



Unlocking cam:

- AC retiring cam, voltage: _____ [V] Current: _____ [A] Number of cams: _____
- DC retiring cam, voltage: _____ [V] Current: _____ [A] Number of cams: _____
- Horizontal moving cam (works off of door gear)
- Vertical moving fixed cam (works off of cabin body)



Car lighting circuit:

- permanent lighting
- light control circuit (light-out time is adjustable via programming tool), to be supplied with control panel

Car ventilation, voltage: _____ [V] Power: _____ [W] Single phase Tri phase

Load weighing device:

Re-use existing, available contacts: full-load overload


- Sabbath operation (automatic predetermined travel cycle facility (please ask))
- Hospital service
- Independent service
- Special service: _____
- Car preference

- Overload buzzer contact
- Passing chime
- In car stop button
- EN81 Amendment A3**


CAR DATA (continued)

Car Doors:

Front door

- Single phase motor Tri phase motor
 Motor: _____[V] _____[KW] 
- VVVF door operator 1 x 240 VAC
- Automatic door with two limit switches
- Autonomic door with open command only
- Autonomic door with close command only
- The door operator requires a constant closure signal during lift travel or during parking with closed doors
- The door operator requires a constant open signal to hold the door open during parking with open doors
- Manufacturer of door operator: _____
- Model of door operator: _____
- Manual door (shutter gate)
- Door clearance: _____[mm]
- No car door
- Door brake AC DC
 Voltage: _____[V] Current: _____[A]
- Normal two door operation
- Selective two door operation (auto landing doors only)
- Door open button Door close button
- Single beam photocell

Rear door

- Single phase motor Tri phase motor
 Motor: _____[V] _____[KW] 
- VVVF door operator 1 x 240 VAC
- Automatic door with two limit switches
- Autonomic door with open command only
- Autonomic door with close command only
- The door operator requires a constant closure signal during lift travel or during parking with closed doors
- The door operator requires a constant open signal to hold the door open during parking with open doors
- Manufacturer of door operator: _____
- Model of door operator: _____
- Manual door (shutter gate)
- Door clearance: _____[mm]
- No car door
- Door brake AC DC
 Voltage: _____[V] Current: _____[A]
- Normal two door operation
- Selective two door operation (auto landing doors only)
- Door open button Door close button
- Single beam photocell

- Safety edges (IR)
 Re-use existing To be supplied with control panel

- Safety edges (IR)
 Re-use existing To be supplied with control panel

- Nudging (depends on door operator)
- Pre-opening
- Gate open warning buzzer

- Nudging (depends on door operator)
- Pre-opening
- Gate open warning buzzer

	Front Door Opens	Rear Door Opens
12		
11		
10		
9		
8		
7		
6		
5		
4		
3		
2		
1		

-check accordingly

Peripherals available with the controller



Saftey Edges



Car-Top Control Unit



Intercom



**Keypad
Access**