Owners Manual

This manual must be kept in lift plantroom at all times.

Operating Instruction **Certifications**

Wiring Diagrams **Service Log**

Ph: (+64) 508 LIFTME
info@advancedelevators.co.nz www.advancedelevators.co.nz

ADVANCED ELEVATORS

Contents

Introduction

Your Advanced elevator is a high quality, technologically advanced elevator with many functions and features. We recommend you read this manual to familiarise yourself with all aspects of operation and maintenance requirements of you elevator.

Please keep this manual in the lift plant room when you are not using it as it contains information for service and maintenance personal. It also contains a log of all service work carried out on the elevator.

Your Advanced elevator is designed to be easy to use and with the ability to provide informative feedback to the user via its display. This ensures you always know what is happening.

If there is anything you do not understand or are unsure of, please don't hesitate to call our 0800 number to talk to one of our friendly staff. Alternatively you can contact us via email.

Post: Advanced Elevators Ltd, 42 Arrow Street, Wakefield, Tasman 7025

Phone: Sales: 0800 895 206 Service: 0508 LIFT ME

Email: sales@advancedelevators.co.nz

For servicing, repairs and faults please call our service hotline 24 hours a day, 7 days a week.

SERVICE HOTLINE: 0508 5438 63

Elevator Specifications

Elevator Manufacturer:	Advanced Elevators NZ Ltd
Description:	Invalid Access, Carless Platform, Passenger Lift
Equipment Type:	Direct acting water hydraulic, wheel guided platform under carriage.
Model:	CS-001-4LDAWH
Control System:	Advanced Elevators – Model CS-001. Microprocessor based intelligent control system.
Capacity:	340KG
Power Supply:	230VAC – 10 Amps.
Control Power:	Battery Backed 12VDC
Motor Type:	230V Single phase 1.5KW, 1440 RPM
Door Type:	Manual open with fail safe electric locks.
Handrail:	Stainless Steel with flush mount controls and telephone.
Applicable Code:	NZS4334:2012 and D2 of NZ Building Code
Emergency Exit:	Manual release of doors by supplied key attached to handrail.
Emergency Light:	LED ultra bright under handrail.
Pit Light:	LED ultra bright in pit controller supplied from battery backed supply and separate 12VDC supply.
Pit Moisture Alarm:	Combined in pit controller.

Elevator Components

Landing Plate

The landing plate is the lift call device located outside each landing door. The landing plate is used to call the lift to your level, unlock the door if the lift is already at the level and to provide the user with information on its display that indicates the following: lift position, moving direction, open doors and any faults.

Platform Handrail

The platform handrail provides several functions. First and foremost it provides a support rail to hold onto while the lift is traveling. The handrail contains the following flush mounted buttons: call, alarm and door open. The call buttons allow the lift to be sent to any level. The alarm/stop will stop the lift travel and sound an alarm. The door open button allows the door to be unlocked when the lift is stationary. The buttons are backlit for easy identification in low light levels. Emergency lighting is provided under the top rail and automatically activates when the mains power fails. A telephone is also provided on the inside edge of one of the up stands on the handrail in case of emergencies.

Manual Entry Door Locks

Each landing door is fitted with a manual key lock that enables the landing door to be opened in the case of an emergency. The keys for these locks should be kept in the plant room with this manual. The door locks can also be disengaged in an emergency from inside the lift with a special key fixed to the underside of the handrail. Ensure this key is not left in the door once finished with it, otherwise it will cause damage if the lift platform tries to pass it.

Master Control Box

The Master Control Box is the electronic brains of the lift. It has a number of LEDs (light emitting diodes) that indicate the state of the system. There is also an LCD display that provide easy to understand English messages which enable the user to quickly see if there are any problems. The master control box also houses the battery for the backup power in the event of a mains failure. This allows the lift to descend and unlock doors when there is a mains power outage, preventing a “lock in” situation. There should be no reason for the owner to enter this control box.

Pump and Valve Assembly

The pump and valve assemble are fixed in the reservoir. There are two solenoid control valves, 3 ball valves and a pump which control the movement of the lift ram, raising and lowering the platform. One of the ball valves is for emergency lowering of the platform and the other two (usually left with handles removed) adjust the slow and fast decent speeds of the elevator. These two ball valves should never be adjusted by the owner. The two solenoid valves control the speed movement of the lift while the pump is used to drive the lift in the upward direction.

The reservoir maintains a set water level via a ball cock system that is connected to your house water supply with a flexible hose.

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Your elevator is very simple to use and maintain. You need to be aware of what prevents the elevator from moving and how to remedy any minor issues. This section of the manual explains how to use your elevator, what fault messages mean and what to do if you find yourself locked in the elevator.

The elevator has a unique three-way safety system to ensure the lift can never move unless it is in a “SAFE” state. There are three key parts to the safety system that you, the owner, must interact with and make sure they are left in the correct state to allow the elevator to work correctly. These are listed below.

1) Landing Door Position Sensor

Every landing door has a position sensor located in the door frame that detects if the door is open or closed. If the door position is detected as being open in two ways, the system prevents the lift from moving. Firstly, there is a hard wired safety circuit that runs through all safety devices and secondly every safety device on the system is individually monitored by the master controller. This gives your elevator a unique superior level of safety monitoring.

2) Landing Door Lock Tongue Position Sensor

Every landing door lock mechanism has a position sensor to detect if the lock tongue is correctly positioned in the electric lock. If the lock tongue is not detected then the lift will not be able to move. In conjunction with the position sensor, it is impossible for the elevator to travel unless the door is fully closed and locked.

3) Platform Trip Rails

Around all four sides of the platform, there are 10mm wide safety trip rails. If any of these rails are depressed then the lift will not move. This prevents items becoming jammed in between the lift platform and the shaft walls.

The LED displays on the landing plates and also the handrail, both display information to let the user know what the lift is doing. In the “Display Codes and Designations” section you will find a list of displays and their designation. There are some you will see every time you use the lift and others are to indicate faults and help you rectify small issues such as a safety rail trip.

To use the lift, all doors must be closed and the safety trip rails must be clear of obstructions. To call the lift to the level you are on, just press the button on the call plate labelled “PRESS”. This will activate the lift.

If the lift is currently on the floor that you have activated a call from, the door will unlock and the buzzer will sound to indicate the door is unlocked. If the lift is at another level, it will start to travel to the level you have initiated a call from. Once the lift arrives at the level the door will unlock and the buzzer will sound to indicate the door is unlocked.

The blue dual digit display on the landing plates and handrail give indication of the lift status. This display automatically dims over a period of 10 minutes when the lift is not in use. If the display is flashing “d1” then the door on level one is open, if “d2” then door on level 2 is open. Please see “Display Codes and Designation” section for a description of all display codes.

Lift Light

The lift light is automatically controlled and will activate whenever a button is pressed on any landing plate or handrail. Once the lift has arrived at a level, the light will time out and turn off. There are two time delays built into the system for the lift light.

1) Once the lift arrives at a level and the door has either been opened and then closed or no door or button activity is sensed, the light will time out in 30 seconds.
2) Once the lift arrives at a level and the door has been opened and left open, the light will time out in 5 minutes. This gives the user plenty of time to unload items from the lift. At any time you want the light to turn on again while the door is open, just press the landing call button or on the handrail press the door open or associated landing number. This will activate the light for a further 5 minutes.

The Lift Handrail

The lift handrail incorporates a number of features. Firstly it provides a means of support to the user while the lift is travelling between floors. The handrail also gives the user the ability to control the operation of the lift. There are a number of flush buttons located in the centre of the handrail. These allow the user to initiate a travel sequence to another level, to stop the lift, or to open the landing door and sound and alarm.

There are 4 buttons on a two level lift and one extra button per level on larger lifts. The buttons are backlit when the lift is in use. The back lighting is extinguished along

with the main lift light to conserve energy. The two digit information display is only on when the lift is active.

ALARM/STOP Button

This button is used to stop the lift while it is travelling. It also sounds and external alarm to indicate that help is required. Your lift also has a phone located on the handrail that can be used in case of emergencies.

1 Button

This button initiates a travel sequence to level one. If the lift is already at level 1, it will unlock the door.

2 Button

This button initiates a travel sequence to level two. If the lift is already at level 2, it will unlock the door.

3 Button (only on a 3 level or greater lift)

This button initiates a travel sequence to level three. If the lift is already at level 3, it will unlock the door.

4 Button (only on a 4 level or greater lift)

This button initiates a travel sequence to level four. If the lift is already at level 4, it will unlock the door.

5 Button (only on a 5 level or greater lift)

This button initiates a travel sequence to level five. If the lift is already at level 5, it will unlock the door.

6 Button (only on a 6 level lift)

This button initiates a travel sequence to level six. If the lift is already at level 6, it will unlock the door.

Door Open Button

This button will unlock the door if the lift is stationary at a level. If the lift is travelling down it will stop at the next lower level and unlock the door. If the lift is travelling up it will stop, then travel to the nearest lower floor and unlock the door.

Emergency Lighting

Your lift is equipped with emergency lighting which is housed in the underside of the handrail. In the event of a mains power failure this lighting system will automatically activate. To conserve battery life these lights will only be on while the lift is active. For any reason if you remain in the lift for more than 30 seconds after it has reached a level, the lights will turn off automatically. To reactivate the lights press any button on the handrail.

Auto Re-level

Your lift is equipped with an auto re-level function as a safety feature. If for any reason the lift platform moves away from the floor level by the pump will restart and move the platform back to the level.

Emergency Exit Procedure

Should the lift fail to complete the operation relevant to the last signal entered please complete the following procedures:

If you are inside the lift:

- Press the “DOOR OPEN” button then
- If the door fails to unlock, insert the Manual Release key in the emergency exit hole in the door and rotate to unlock door.
- Exit the lift
- Report fault to Advanced Elevators as soon as possible.
- We recommend labelling the all doors with a warning identifying the fault and the potential risk as well as labelling all doors with a “LIFT OUT OF SERVICE” label.

If you are outside the lift:

- Notify the fault to Advanced Elevators Ltd
- If you need to open a door from the outside of the lift to assist a person trapped inside, please use the provided keys to unlock the door and allow the person to exit.

There is a risk of injury if a door can be opened by any means (other than the emergency opening method) when the lift is not at that level. If you ever find the that a door can be opened while the platform is not present, please do the following.

In this situation:

- Immediately secure the door to prevent opening
- Notify the fault to Advanced Elevators Ltd
- We recommend labelling the relevant door with a Warning identifying the fault and the potential risk as well as labelling all doors with a “LIFT OUT OF SERVICE” label.

Manual Lowering Procedure

All Advanced Elevators' water hydraulic lifts may be lowered manually.

To lower the lift manually:

- Turn off power to the pump. This is done by either turning the mains supply off to the mater controller or switching the pump ON/OFF switch off on the side of the black pump start box located beside the master controller.
- Turn the yellow handle on the ball valve located on the valve manifold on top of the reservoir. This is clearly labelled.
- Once the lift has been lowered to the desired level the ball should be returned to the closed position which is at 90 degrees to the pipe line it is in.
- If the lift is returned to service after a manual lower operation, the master controller should be reset by pressing the top “RED” reset button on the main controller PCB. This is located to the left of the LCD display.

Contact Advanced Elevators immediately if any abnormal operation occurs.

Elevator Starting Procedure

Whenever the lift master controller is reset, or re-powered, the system runs through a routine to ensure the system is functioning properly. The following events will take place.

1) The lift will travel to the ground floor and wait for approximately 5 seconds. A “L0” will be displayed on the landing plates.
2) The lift will then travel to the second floor.
3) The lift will then travel back to the ground floor displaying its normal run mode display of scrolling bars and the number one. “-1”
4) This process must be allowed to complete before any interruption of the lift occurs.

Contact Advanced Elevators immediately if any abnormal operation occurs.

ADVANCED ELEVATORS

Display Codes and Designations

Display	State	Designation
L0	Steady	Lift setting position sensor
L1	Steady	Lift at level 1
L2	Steady	Lift at level 2
L3	Steady	Lift at level 3
L4	Steady	Lift at level 4
L5	Steady	Lift at level 5
L6	Steady	Lift at level 6
-1	Scrolling Bar	Lift travelling to level 1
-2	Scrolling Bar	Lift travelling to level 2
-3	Scrolling Bar	Lift travelling to level 3
-4	Scrolling Bar	Lift travelling to level 4
-5	Scrolling Bar	Lift travelling to level 5
-6	Scrolling Bar	Lift travelling to level 6
d1	Flashing	Door open level 1
d2	Flashing	Door open level 2

d3	Flashing	Door open level 3
d4	Flashing	Door open level 4
d5	Flashing	Door open level 5
d6	Flashing	Door open level 6
PF	Steady	Mains power is off
bF	Steady	Backup battery fault
Er	Steady	Error run time – lift has run for too long and not reached its destination
tr	Flashing	Safety trip rail on platform is depressed.
EE	Flashing	Encoder error – Lift position sensor is faulty.
oFd1	Alternating	Door sensor fault while lift active – Level 1
oFd2	Alternating	Door sensor fault while lift active – Level 2
oFd3	Alternating	Door sensor fault while lift active – Level 3
oFd4	Alternating	Door sensor fault while lift active – Level 4
oFd5	Alternating	Door sensor fault while lift active – Level 5
oFd6	Alternating	Door sensor fault while lift active – Level 6

Manufacturer's instructions for

Periodic Preventative Maintenance (Safety Inspections)

Advanced Elevators Ltd produce a high-quality product for use in Commercial and Domestic buildings. Periodic Preventative Maintenance (or Safety Inspections) is a critical component to ensuring you have years of safe and reliable service from your elevator.

Safety Inspections verify the structural integrity and all of the safety features of the lift are functioning correctly. These are features that are not needed during normal operation.

The following Safety inspection intervals should be adhered to for the life of the elevator.

Domestic Elevators	Annual Safety Inspection
Commercial Elevator	6 Monthly Safety Inspection & Annual Survey and Form 12a for the buildings BWoF

All repairs must be undertaken as soon as practicable to ensure the safe operation of the elevator and to maintain the warranty.

Warranty

Ram and Mechanical structure	**Limited Life Time Warranty**
Electronic Control System	**3 Years**
Pump and Valves	**3 Years**
All other items	**1 Year**

Advanced Elevators NZ Ltd warrants that, during the Warranty Period, the Product will, with normal use service, be free from faulty parts, manufacture or workmanship. If a defect arises during the Warranty Period, Advanced Elevators will, at its cost and option and subject to these terms and conditions, repair or replace the faulty parts.

This Warranty is void if the Elevator is not maintained in accordance with the manufacturer's instructions, as above.

The Warranty Period for:

Stainless steel ram and pipe work feeding the ram and the metal structure of the platform has a limited lifetime warranty. This is a structural warranty and applies for as long as the original owner of the house in which the elevator is installed maintains ownership of the house.

Electronic control system is 3 years from date of commissioning the elevator system. This includes all electrical items on the elevator except for consumables.

Pump and valves is 3 years from date of commissioning the elevator system.

All other items including consumables is 12 months from date of commissioning the elevator.

This warranty is valid only for Products that are purchased directly from Advanced Elevators NZ Ltd or one of it authorised distributors.

Compliance

All Advanced elevators are designed to comply with the current New Zealand and Australian elevator standards and D2 NZ Building Code. The mechanical system has been designed to comply with all required standards and is certified by Coulter Engineering Services Ltd, Tauranga.

The electronic system has been designed to comply with the current New Zealand and Australian elevator standards and has been certified by Vertrans lift Surveys and Certification Ltd to be compliant with NZS4334:2012. The electronic system has been tested to comply with C-Tick EMC emissions requirements of Radio Spectrum Management.

Please see the structural certificate and producer statement included on the following pages.

References

Standards New Zealand	http://www.standards.co.nz
Vertrans Lift Surveys and Certification Ltd	http://www.vertranslifts.co.nz
Coulter Engineering Services Ltd	http://www.coulter.co.nz
Radio Spectrum Management	http://www.rsm.govt.nz

C-TICK CERTIFIED

ADVANCED ELEVATORS

Vertrans
LIFT SURVEYS AND CERTIFICATION LIMITED
UNIT O, 9-11 LOVELL COURT, ROSEDALE, AUCKLAND
PO BOX 303-261, NORTH HARBOUR, AUCKLAND
EMAIL: inspections@vertranslifts.co.nz
TEL: 64-9-480 5528

1st February 2024

Advanced Elevators Limited
42 Arrow Street
Wakefield 7025

Attn: Nigel Reid,

RE: REVIEWED DOCUMENTATION
CS-001 SERIES CONTROLLER LIFT SYSTEM

I, Mr Ralph Abercrombie of Vertrans Lift Surveys & Certification Ltd hereby confirm that I have reviewed all the **CS-001 SERIES CONTROLLER LIFT SYSTEM** documentation supplied and this **CS-001 SERIES CONTROLLER LIFT SYSTEM** will meet and conform to the New Zealand Building Code Standards.

The Lift Controller System is designed and manufactured in compliance with the **New Zealand Building Code Standard NZBC D2/AS2 2nd edition, amendment 7**, using the New Zealand Standard, **NZS 4334:2012** as an **Alternative Acceptable Solution.**

VERTRANS LIFT SURVEYS AND CERTIFICATION LIMITED

R K Abercrombie
DIRECTOR

PRODUCER STATEMENT – PS1
DESIGN

BUILDING CODE CLAUSE(S): B1 and D2 **JOB NUMBER:** 240205-1200
ISSUED BY: Coulter Engineering Services Ltd
(Engineering Design Firm
TO: Advanced Elevators Ltd
(Owner/Developer)
TO BE SUPPLIED TO:
(Building Consent Authority)
IN RESPECT OF: Public 1200mm Square Water Hydraulic Platform Lift to NZS 4334 : 2012
(Description of Building Work)
AT:
(Address, Town/City)
LEGAL DESCRIPTION: **N/A** ☐

We have been engaged by the owner/developer referred to above to provi *(Extent of Engagement)*:
1200mm Square water hydraulic elevator platform lift design
in respect of the requirements of the Clause(s) of the Building Code specified above f Part only , as specified in the Schedule, of the proposed building work.

The design carried out by us has been prepared in accordance wit

- ☑ Compliance documents issued by the Ministry of Business, Innovation & Employment *(Verification method/acceptable solution)* B1/VM1 and D2/AS1 and/or
- ☐ Alternative solution as per the attached Schedule.

The proposed building work covered by this producer statement is described on the drawings specified in the Schedule, together with the specification, and other documents set out in the Schedule.

On behalf of the Engineering Design Firm, and subject to:

- Site verification of the following design assumptions: 65NB Sch 80 Sphere travel 4250mm & 65NB Sch 160 Sphere trav.
- All proprietary products meeting their performance specification requirements;

I believe on reasonable grounds that

- the building, if constructed in accordance with the drawings, specifications, and other documents provided or listed in th Schedule, will comply with the relevant provisions of the Building Code and that;
- the persons who have undertaken the design have the necessary competency to do so.

I recommend the CM1 level of **construction monitoring.**

I, *(Name of Engineering Design Professional)* Bryce Coulter , am:

- ☑ CPEng number 141869

and hold the following qualifications

The Engineering Desig Firm holds a current policy of Professional Indemnity Insurance no less than $200,000
The Engineering Design Firm is not a member of ACE New Zealand.

SIGNED BY *(Name of Engineering Design Professional)*: Bryce Coulter
(Signature below):

Bryce Coulter

Digitally signed by Bryce Coulter
DN: C=NZ, E=Bryce@bcoulter.co.nz, O=Coulter Engineering Services Ltd, OU=, CN=Bryce Coulter
Location: Tauranga
Reason: I am the Author of this document
Contact Info: 027 289 1369
Date: 2025.08.27 09:06:14+12'00'

ON BEHALF O *(Engineering Design Firm)*: Coulter Engineering Services Ltd Date: 27/08/2025

Note: This statement has been prepared solely for the Building Consent Authority named above and shall not be relied upon by any other person or entity. A liability in relation to this statement accrues to th Engineering Design Firm only. As a condition of reliance on this statement, the Building Consent Authority accepts that the total maximum amount of liability of any kind arising from this statement and all other statements provided to the Building Consent Authority in relation to this building work, whether in tort or otherwise, is limited to the sum of $200,000.

This form is to accompan **Form 2 of the Building (Forms) Regulations 2004** for the application of a Building Consent

ADVANCED ELEVATORS

PRODUCER STATEMENT – PS1
DESIGN

BUILDING CODE CLAUSE(S): B1 and D2 **JOB NUMBER:** 240205 1400
ISSUED BY: Coulter Engineering Services Ltd
(Engineering Design Firm)
TO: Advanced Elevators Ltd
(Owner/Developer)
TO BE SUPPLIED TO:
(Building Consent Authority)
IN RESPECT OF: Public 1400mm Square Water Hydraulic Platform Lift to NZS 4334 : 2012
(Description of Building Work)
AT:
(Address, Town/City)
LEGAL DESCRIPTION: N/A☐

We have been engaged by the owner/developer referred to above to provide *(Extent of Engagement)*:
1400mm Square water hydraulic elevator platform lift design
in respect of the requirements of the Clause(s) of the Building Code specified above for Part only , as specified in the Schedule, of the proposed building work.

The design carried out by us has been prepared in accordance with:

- ☑ Compliance documents issued by the Ministry of Business, Innovation & Employmen *(Verification method/acceptable solution)* B1/VM1 and D2/AS1 and/o
- ☐ Alternative solution as per the attached Schedul

The proposed building work covered by this producer statement is described on the drawings specified in the Schedule, together with the specification, and other documents set out in the Schedule.

On behalf of the Engineering Design Firm, and subject to:

- Site verification of the following design assumptions: 65NB Sch 80 Sphere travel 3500mm & 65NB Sch 160 Sphere trav
- All proprietary products meeting their performance specification requirements;

I believe on reasonable grounds that:

- the building, if constructed in accordance with the drawings, specifications, and other documents provided or listed in the Schedule, will comply with the relevant provisions of the Building Code and that;
- the persons who have undertaken the design have the necessary competency to do so

I recommend the CM1 level of **construction monitoring.**

I, *(Name of Engineering Design Professional)* Bryce Coulter , am:

- ☑ CPEng numbe 141869

and hold the following qualifications

The Engineering Design Firm holds a current policy of Professional Indemnity Insurance no less than $200,000
The Engineering Design Firm is not a member of ACE New Zealand.

SIGNED BY *(Name of Engineering Design Professional)*: Bryce Coulter
(Signature below):

Bryce Coulter

Digitally signed by Bryce Coulter
DN: CN=Z, E=Bryce@coulter.co.nz, O=Coulter Engineering Services Ltd, OU=, ?, CN=Bryce Coulter
Location: Tauranga
Reason: I am the author of this document
Contact Info: 027 280 1369
Date: 2025.08.27 09:07:23+12'00'

ON BEHALF O *(Engineering Design Firm)*: Coulter Engineering Services Ltd Date: 27/08/2025

Note: This statement has been prepared solely for the Building Consent Authority named above and shall not be relied upon by any other person or entity. Any liability in relation to this statement accrues to the Engineering Desig Firm only. As a condition of reliance on this statement, the Building Consent Authorit accepts that the total maximum amount of liability of any kind arising from this statement and all other statements provided to the Building Consent Authority in relation to this building work, whether in tort or otherwise, is limited to the sum of $200,000.

This form is to accompa **Form 2 of the Building (Forms) Regulations 2004** for the application of a Building Consent

Advanced Elevators Producer Statement

Issued by **Advanced Elevators NZ Ltd**

To: **Local Council Authority**

In relation to water driven platform elevator Model Number ADV-xxxxx

The design has been prepared in accordance with NZS4334:2012 as a method to comply to NZBC D2 NZ Building Code. We have received independent Controller and structural certificates issued by Vertrans Lift Surveys and Certifications Ltd and Coulter Engineer Services Ltd,

Advanced Elevators NZ Ltd, have taken all reasonable and necessary steps in compliance with reference to the relative standards and requirements. We are satisfied on reasonable grounds that in relation to the Advanced elevator specified above, the structural design exceeds all other currently available water hydraulic elevators available on the market that have been previously accepted by local authorities and that the provisions of the building consent would be met if the installation was properly completed in accordance with the drawings, specifications and other documents which have been submitted with the application. We understand that this producer statement, if accepted, will be relied upon by the local council authority for the purpose of establishing compliance with the building consent.

This Producer Statement must be read in conjunction with the Structural PS1 - 240205 1400 issued by Coulter Engineering Services Limited, and the Controller verification Letter issued by Vertrans Lift Surveys and Certifications Ltd

Signed by : Nigel Reid

Qualification: Registered Electrician & Elevator Independent Qualified Person
Address: Unit 101/11 Cube Court, Richmond, Tasman 7025
Phone 0508 54338 63
Email: nigel@advancedelevators.co.nz

ADVANCED ELEVATORS

SUPPLIER'S DECLARATION OF CONFORMITY

Section 134 (1) (g) of the New Zealand Radiocommunications Act 1989

Section 182 of the Australian Radiocommunications Act 1992

Ministry of Economic Development Manatū Ōhanga — Radio Spectrum Management

THIS COMPLETED FORM REMAINS WITH THE SUPPLIER AS PART OF THE DOCUMENTATION REQUIRED FOR THE "COMPLIANCE FOLDER"

A SUPPLIER DETAILS

Name: (of manufacturer, importer or authorised agent)

Abode Elevators Electronic Systems

a division of Welten Holdings Ltd

Physical address:

11 Cypress Street
Judea
Tauranga

Contact information:

Telephone: 07 578 7739
Mobile: 0272 227 273
Fax: 07 578 7749
E-mail: sales@abodeelevators.co.nz

Postal address: (if different)

PO Box 8231
Cherrywood
Tauranga

(New Zealand) Company number or GST Number
(Australia) ©, ARBN or ABN:

CN:1035149 GST:75804008

Supplier Code Number: (include "Z" or "N")

Z1275

B PRODUCTS DETAILS

Brand name:	Abode Elevator
Model. Lot, batch or serial number:	AE-6L V0
Description and function:	Elevator Control System including master controller, landing call controllers, car controller and pit controller
If radio product:	Frequency: (MHz) / Radiated power: e.i.r.p (W)
Applicable standard title, number and edition:	AS/NZS 4251.1:1999,AS/NZS 4251.2:1999, AS/NZS CISPR 11:2004
Test report number:	AE001

C DECLARATION

I hereby declare that the product mentioned above complies with the above mentioned standard, and all products supplied under this declaration will be identical to the sample identified above.

Signature of supplier/agent:

Print name:

Dean Welten

Date:

23/04/2010

Position in organisation:

Director

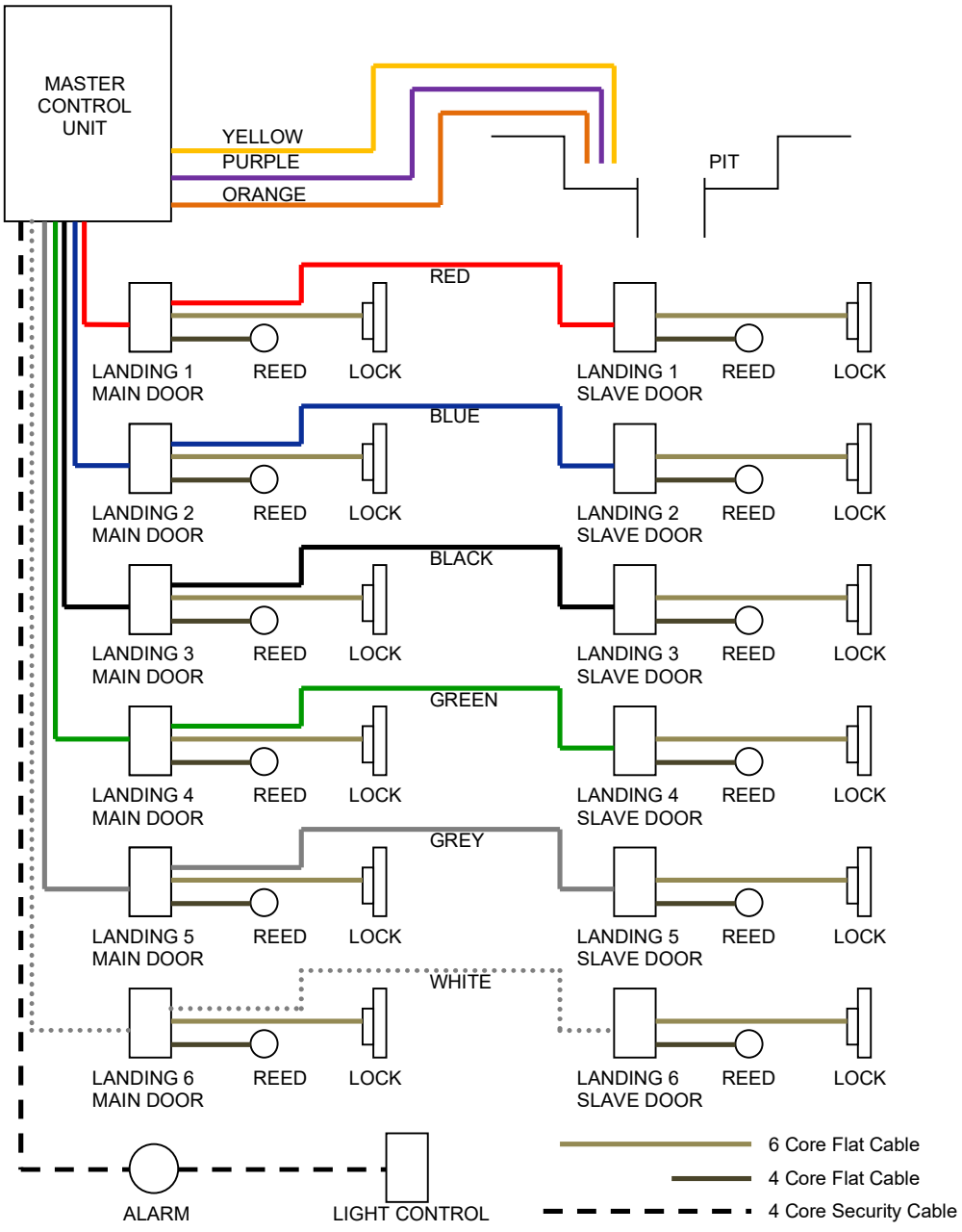
Ram Feed Hose Specifications

Type: Parker 7093-100-200

APPLICATION	Air, Water & Multi-Purpose
INSIDE DIAMETER	1 in. (25.4 mm)
REINFORCEMENT BRAIDS	2
OUTSIDE DIAMETER	1.406 in. (35.7 mm)
WEIGHT	44 lb. per 100 ft.
MINIMUM BEND RADIUS	7
MAX RECOMMENDED WORKING PRESSURE	200
MAX STEAM WORKING PRESSURE	
LENGTH	Exact length reels (+50 ft./-0 ft.), 90% 1 pc., 10% 2 pc. - 50 ft. min. length. 50 ft. cut lengths are coiled and tied in pallet boxes.
TUBE CORE MATERIAL	EPDM - Black
COVER MATERIAL	EPDM - Black
COVER COLOR	Black
REINFORCEMENT	Multiple textile spirals
TEMPERATURE RANGE	-40Â° F to +212Â°F
TRADE/BRAND NAME	GST II
BRANDING	Yes
BRAND DESCRIPTION	Ink Brand - White letter color
PRESSURE RATING	
VACUUM RATING	
SAFETY FACTOR	4:1
INDUSTRY SPECIFICATION	RMA class C medium oil resistance requirements (exceeds).
FITTING STYLE	
COUPLED ASSEMBLIES	
PACKAGING	
UNSPSC	
ADDITIONAL DETAIL	
SYNONYM	
PRODUCT TYPE	Industrial Hose Air & Water

ADVANCED ELEVATORS

Wring Diagram



ADVANCED ELEVATORS

Maintenance Log

Please fill out this log for any servicing or maintenance completed on the lift.

Technician Name: _____ **Date:** _____

Reason for service call.

Regular Elevator Service: ☐

Elevator Fault Reported by Customer: ☐

Fault Reported or found during service.

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Completion of repairs.

Signature:_____ Date:_____

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info@advancedelevators.co.nz www.advancedelevators.co.nz

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