

# The Patterson

3 Archer Street, Toowong

## Operation and Maintenance Manual Format

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### Table of Contents

#### Section 1 Company Information

- *Contact Names / Company Address*
- *Contact Phone Numbers / Email Address*
- *Supplier details – contact information*

#### Section 2 Description of the Works

- *General description of the completed works*
- *Schedule of products / materials used / Finishes Schedules*
- *List of spares provided (if applicable)*

#### Section 3 Operation & Maintenance Procedures

- *Detailed instruction of the operation of the system / works (if applicable)*
- *Detailed instruction of the required maintenance of the system / works*
- *Detailed maintenance schedules (frequency of inspections / preventative maintenance)*

#### Section 4 Manufacturers Literature

- *Manufacturer's product information / data sheets / materials safety data sheets etc*

#### Section 5 Warranties

- *Project specific Supplier Warranties*
- *Project specific Subcontractor Warranties*
- *Copies of completed Inspection and Test Plans (ITP's) – if applicable*

#### Section 6 Certification

- *Completed Form 15 (if applicable)*
- *Completed Form 16 or Form 12 (if applicable)*
- *Fire penetration registers*
- *Commissioning data (if applicable)*

#### Section 7 As Built Drawings (if applicable)

- *As-Built Drawing Register*
- *Electronic copy of as-built drawings - pdf copy (and dwg copy if required)*
- *A3 copy of as-built drawings*

PROJECT

**THE PATTERSON BY MOSAIC**

DOCUMENT

**OPERATIONS & MAINTENANCE MANUAL ELECTRICAL  
SERVICES**

CONTRACTOR

**MOSAIC PROPERTY GROUP**

CONSULTANT

**QUEENSLAND ELECTRICAL PTY LTD  
PO BOX 98 BULIMBA  
QLD 4171**

ELECTRICAL CONTRACTOR

**QUEENSLAND ELECTRICAL PTY LTD  
PO BOX 98 BULIMBA  
QLD 4171**

## 1 Company Information

### 1.1 CONTACTS

The electrical installation is covered by a defects and liability warranty until *Date* provided by:

Service	All Electrical Services covered within this manual.
Company Name	Queensland Electrical Pty Ltd
Address	Po Box 98 Bulimba QLD 4171
Phone	Ph: 07 3290 5304
Contact	Ryan Adamczyk
Mobile	0410 340 893
Email	admin@qldelectrical.com.au

### 1.2 SUPPLIERS

The following are the contact details for the various suppliers to the electrical installation.

It is common that the manufacturer of a specific item is not the local supplier for the project. As such the manufacturer may not have any record of the project.

Service	Electrical Wholesaler
Company Name	CNW Electrical Wholesale & Energy Solutions
Address	32 Abbotsford Road, Bowen Hills, QLD, 4006
Phone	Ph: (07) 3852 6888
Contact	Matt Kellett
Mobile	0436 028 357
Email	mkellett@cnw.com.au

Service	MATV
Company Name	EQ Technologies
Address	
Phone Fax	
Contact	John Marsh
Mobile	0419 786 624
Email	john@eqtechnologies.com.au

Service	Security System
Company Name	Epsilon Security
Address	
Phone Fax	
Contact	Will Miranda
Mobile	0409 455 426
Email	willm@epsilonsecurity.com.au

### 1.3 MANUAL DESCRIPTION

This Operation and Maintenance Manual is intended to provide the user with sufficient information to enable them to perform any tasks necessary to maintain or repair any of the systems installed. Covered within this manual is the work carried out as the contract between the contractor and the electrical subcontractor.

As this manual consists largely of manufacturer supplied installation, operation and maintenance booklets and manuals, and excerpts from supplier catalogues, the pages are not numbered sequentially as this would cause confusion when referring to a manual or catalogue index which lists page numbers specific to itself.

## 2 PROJECT DESCRIPTION

The Patterson by Mosaic is a 16 story multi residential unit building with 62 units. A pool, pool deck and recreational area is located on Level 16.

There are two levels of underground basement parking and three levels of above ground parking.

The work includes but is not limited to the following main elements:

- Electrical Switchboards
- Sub-mains and sub circuits
- Light and power services
- Carpark Lighting
- External lighting
- Communication services.

### 3 OPERATING INSTRUCTIONS

#### 3.1 SAFE WORKING PROCEDURES

If for any reason a fault does arise, a qualified electrician must be obtained for investigation into the fault and correction. During the warranty period the electrical subcontractor identified in section 1.3 should be contacted immediately if a fault condition exists.

A qualified electrician must be used for all electrical problems. Their knowledge would be adequate for the isolation of power, diagnoses of fault and to permit repair work to be carried out safely.

Only suitably qualified personnel should carry out inspections and work. Safety rules (as published by the supply and authority, plant manufacturer etc) should be understood and followed. First aid notices giving instructions for the treatment of persons suffering from the effects of electric shock should be on prominent display. First aid equipment should be readily available. Safety lockouts and or tagging systems to isolate circuits must be used.

#### 3.2 ENVIRONMENT

The room or area in which the switchboard is installed should be kept clean and dry. The entry and build-up of dust and moisture can lead to malfunction of equipment, notwithstanding the enclosure rating of the switchboard.

Entry and exit doors etc, should be kept clear and clearly identified on both sides. Lighting should be maintained at an adequate level.

Fire extinguishing equipment should be in place, and the use and techniques understood. Temperature and humidity should be maintained within the limits that the switchboard was specified to operate in.

#### 3.3 LIGHTING

Lighting within the units is controlled locally by wall mounted light switches. Common area lighting is a combination of PE Cell, motion sensor and timeclock controlled automatically. The Basement carpark lighting is also PE Cell, motion sensor and timeclock controlled automatically.

Should a circuit or sub main experience a fault the protective circuit breaker will trip with the handle moving from the on position to the tripped position. To reset the protective circuit breaker the handle must be moved into the off position to reset the circuit breaker and then moved into the on position. Any tripping of a protective circuit breaker must be considered as the circuit breaker working correctly and protecting the installation against a potentially dangerous fault. As such all circuit breaker trips must be attended to by a qualified electrician and the cause for the trip must be identified and rectification work must be undertaken.

### 3.4 POWER

Unit power is fed from unit DB's. Common area power is fed from Community Boards located generally within the level foyers.

Should a circuit or sub main experience a fault the protective circuit breaker will trip with the handle moving from the on position to the tripped position. To reset the protective circuit breaker the handle must be moved into the off position to reset the circuit breaker and then moved into the on position. Any tripping of a protective circuit breaker must be considered as the circuit breaker working correctly and protecting the installation against a potentially dangerous fault. As such all circuit breaker trips must be attended to by a qualified electrician and the cause for the trip must be identified and rectification work must be undertaken.

### 3.5 COMMUNICATIONS

The NBN system is located adjacent the Communication Room.

NBN pathways have been provided to each unit.

Gigafy pathways have been provided to each unit.

### 3.6 SECURITY SYSTEM

Refer to Security Manual

### 3.7 CCTV

Refer to Security Manual

### 3.8 MATV

Units are installed with MATV and Pay TV outlets

### 3.9 Operation and Maintenance Procedures

## GENERAL

Electricity is inherently dangerous and all maintenance and rectification work must be undertaken by suitably qualified personnel.

To complete the maintenance of the electrical installation it is necessary to shut down the various electrical systems including shutting the power supply and communications systems. As such maintenance must be planned for in advance with all necessary occupiers of the premises being appropriately informed of the shutdowns and interruptions.

Audible humming within the electrical installation represents a potential faulty component and must be rectified by a qualified electrician.

### 3.10 SAFE WORKING PROCEEDURES

If for any reason a fault does arise, a qualified electrician must be obtained for investigation into the fault and correction. During the warranty period the electrical sub-contractor identified in section 1.3 should be contacted immediately if a fault condition exists. A qualified electrician must be used for all electrical problems. Their knowledge would be adequate for the isolation of power, diagnoses of fault and to permit repair work to be carried out safely.

### 3.11 SWITCHBOARDS

#### 3.11.1 SITE MAIN SWITCHBOARD

##### 3.11.1.1 Six Monthly

- RCD push button test
- Visual examination of surge diversion equipment
- Examine each section of the switchboard visually, looking for discolouration of conductors and busbars, loose lugs and fixing bolts, cable damage from rodents, cabinet damage or rusting and general wear and tear
- Record and report any defects found during inspections
- Repairs carried out as required (repairs shall be charged to the client)
- Replace all panels and covers
- Ensure all switches are in the "ON" positions as were prior
- Ensure switch room is clean and accessible

### 3.11.1.2 Twelve Monthly

- RCD operating time and push button test
- Visual examination of surge diversion equipment
- Examine each section of the switchboard visually, looking for discolouration of conductors and busbars, loose lugs and fixing bolts, cable damage from rodents, cabinet damage or rusting and general wear and tear
- Record and report any defects found during inspections
- Repairs carried out as required (repairs shall be charged to the client)
- Replace all panels and covers
- Ensure all switches are in the “ON” positions as were prior
- Ensure switch room is clean and accessible

## 3.11.2 DISTRIBUTION SWITCHBOARDS

### 3.11.2.1 Six Monthly

- RCD push button test
- Visual examination of surge diversion equipment
- Examine each section of the switchboard visually, looking for discolouration of conductors and busbars, loose lugs and fixing bolts, cable damage from rodents, cabinet damage or rusting and general wear and tear
- Record and report any defects found during inspections
- Repairs carried out as required (repairs shall be charged to the client)
- Replace all panels and covers
- Energise switchboard and test as required
- Remove all locks and tags used
- Ensure all switches are in the “ON” positions as were prior
- Ensure switch room is clean and accessible.

### 3.11.2.2 Twelve Monthly

- RCD operating time and push button test
- Visual examination of surge diversion equipment
- Examine each section of the switchboard visually, looking for discolouration of conductors and busbars, loose lugs and fixing bolts, cable damage from rodents, cabinet damage or rusting and general wear and tear
- Record and report any defects found during inspections
- Repairs carried out as required (repairs shall be charged to the client)
- Reinstate all panels and covers
- Remove all locks and tags used
- Ensure all switches are in the “ON” positions as were prior
- Ensure switch room is clean and accessible



### 3.12 LIGHTING

Following is a list of the maintenance tasks required to be undertake relative to the lighting installation:

#### 3.12.1 Six Monthly

- General visual inspection
- Record and report any defects found during inspections

#### 3.12.2 Twelve Monthly

- General visual inspection
- Clean, repair and replace luminaires as required (replacement luminaires, and lamps shall be charged to the client)
- Clean all diffusers
- Test the operation of the lighting control system biannually.

### 3.13 POWER

Following is a list of the maintenance tasks required to be undertake relative to the power installation:

#### 3.13.1 Six Monthly

- General visual inspection
- Record and report any defects found during inspections

#### 3.13.2 Twelve Monthly

- General visual inspection
- Clean, repair and replace switches, outlets and wall plates as required (replacement switches and outlets shall be charged to the client)

### 3.14 COMMUNICATIONS

Following is a list of the maintenance tasks required to be undertaken relative to the communication installation:

### 3.14.1 Six Monthly

- Examine each section of the cabinet visually
- Examine for general wear and tear
- Examine all patch leads
- Ensure all connections are secure
- Record and report any defects found during inspections
- Ensure room/cupboard is clean and accessible

### 3.14.2 Twelve Monthly

- Arrange for authorised persons only to carry out works and inspections.
- Examine each section of the cabinet visually, looking for discolouration of conductors, loose lugs and fixing bolts, cable damage from rodents, cabinet damage or rusting and general wear and tear
- Ensure all connections are secure
- Record and report any defects found during inspections
- Ensure cabinet is clean and accessible
- Check all components for excess heat build-up.

## 3.15 SECURITY SYSTEM

The following is a list of the maintenance tasks required to be undertaken relative to the access and intercom installation:

- Visual inspection biannually.
- Detector operation biannually.
- Siren operation biannually.
- Cleaning biannually.
- Excess heat biannually.

### 3.16 CCTV

The following is a list of the maintenance tasks required to be undertaken relative to the communication installation:

- Visual inspection biannually.
- Cleaning biannually.
- Camera operation biannually.
- Recording operation biannually.
- Replacement of recording media.
- Viewing and playback operation biannually.
- Power availability biannually.
- Resistance to earth biannually.
- Signal strength biannually.
- Fault protection biannually.
- All mechanical fixings biannually.
- System operation biannually.
- Excess heat biannually.

### 3.17 MATV

The following is a list of the maintenance tasks required to be undertaken relative to the communication installation:

- Visual inspection biannually.
- Cleaning biannually.
- Test and record the composite triple beat annually.
- Shield resistance to earth biannually.
- Fault protection biannually.
- All mechanical fixings annually.
- System operation biannually.
- Excess heat biannually.

## 4 Manufacturer's Literature

## For 2 wire readers

### Part Number

### 2 wire readers - 13.56Mhz

### Part number

IPassan 4 door base controller Ethernet connection 12V

**FD-125-001**



Mullion reader **FD-020-081**



IPassan 4 door base controller RS485 connection

**FD-125-002**



Mullion reader VR **FD-020-086**



IPassan 2 door expansion card for base controller

**FD-125-010**



Panel mount reader 40x40mm **FD-020-007**



## For Wiegand readers

IPassan 2 door base controller Ethernet connection

**FD-125-003**



Mushroom reader **FD-020-175**



IPassan 2 door base controller RS485 connection

**FD-125-004**



P60 single gang box reader - black **FD-020-139**  
P60 single gang box reader - white **FD-020-156**



IPassan 4 door expansion card for base controller

**FD-125-011**



Sinthesi S2 reader **FD-020-176**



## I/O options

10 input base module RS485 connection

**FD-125-015**



### Wiegand readers 34bits - 13.56Mhz

12 input expansion card

**FD-125-020**



Mullion reader **GB-020-097**



10 output base module RS485 connection

**FD-125-016**



Mullion reader VR **GB-020-098**



12 output expansion card

**FD-125-021**



Panel mount reader 40x40mm **FD-020-167**



## RF Receivers - Encoder

2 wire RF receiver 433Mhz

Elekta Steel reader **FD-020-157**



2 wire RF receiver 868Mhz

P60 single gang box reader - black **FD-020-137**  
P60 single gang box reader - white **FD-020-154**



USB Encoder 13.56Mhz

**GB-500-045**



Sinthesi S2 reader **FD-020-171**



### Key fobs - Cards - Transmitters

Proximity key 13.56Mhz **FD-010-010**



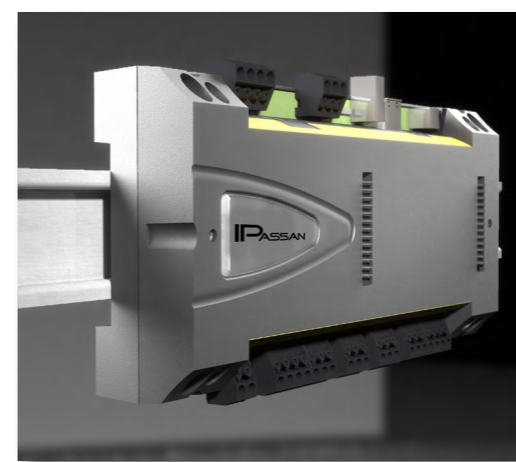
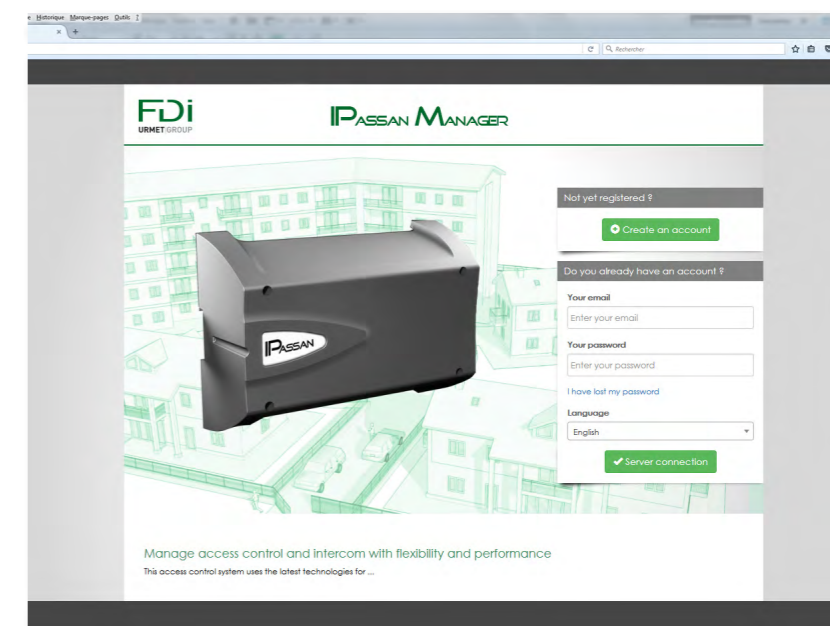
Pack of 10 ISO cards 125Khz **FD-010-070**  
Pack of 10 ISO cards 13.56Mhz **FD-010-051**



Remote control 13.56MHz/RF433MHz **FD-010-155**  
Remote control 13.56MHz/RF868MHz **FD-010-148**



# IP-BASED ONLINE SOLUTION



### Contactez-nous:

**FDI MATELEC**  
Route de Saint Symphorien  
85130 LES LANDES GENUSSON  
France  
Tel : +33 2 51 61 69 69

[sales@fdimatelec.com](mailto:sales@fdimatelec.com)  
[www.fdimatelec.com](http://www.fdimatelec.com)

IPASSAN001GB - Imprimé sur papier issu de forêts gérées durablement et écocertifiées.



ACCESS CONTROL SPECIALIST



**IPassan** is an IP-based access control system designed for medium to large commercial and residential projects. It is the result of continuous improvement of the access control expertise of our engineers involved in this project at FDI. Our long experience with the famous predecessor system Passan has led to the development of this simple but powerful system.

The **IPassan** system is set-up via the **IPassan Management Suite**, a very intuitive software which can be installed on a computer or on a server to enable remote and multiple access. IPassan Management Suite is an architectural real client server, offering the best possible flexibility.

### Smart

Decisions are made locally as our new **IPassan** controller is smart and stores all necessary information. Your access control system is safe in case of a server crash or network failure. Whichever controller version you have (Ethernet or RS485), the **IPassan** controller always embeds the system intelligence. At reconnection, the data is updated in the controllers and saved events are sent up to the server.

### Simple

The **IPassan** controllers and the Management Suite have been made simple to understand and to commission. No need for tremendous IT knowledge when it comes to installation or set-up. Every step goes quickly and smoothly.

### Cutting edge technology

Unlike some systems for which the software has to be installed locally on the user computer and requires inconvenient updates, **IPassan Management Suite** can be installed on a server and the whole system can easily be upgraded by the wire: software, controllers, expanders and readers. No need to worry about how updated your software is, your system will always look for software updates when connected to the Internet.



### Hardware, software, peripherals : one single source

FDI is not only a controller producer and a software developer, we also manufacture our own readers and credentials. Be sure to have 100% compatibility and reliability by choosing in the FDI range below. If you still haven't found what you are looking for, feel free to send us your specifications and we should be able to find a solution for you.



### More performance with our FDI 2-SMART readers

**IPassan** is compatible with third party Wiegand readers to offer as much flexibility as possible. However, the controller accepts FDI 2-SMART readers. As these are based on our own protocol, they offer unique security and features via two wires only.

Not only are they compatible with Mifare but they can also be setup by the access control itself. This FDI 2-SMART bus also enables to update on site readers via the controller. Finally, keep in mind that they obviously make your life easier by simplifying the wiring compared to standard Wiegand readers which use more wires.

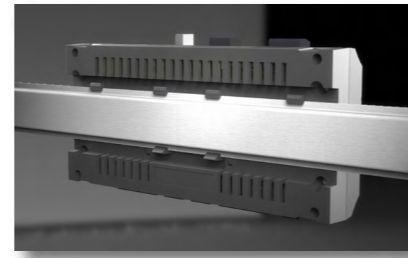
### Scalable

The **IPassan** modular design means that it is adaptable to small and large sites. Whether you start small or big, from a site size or feature point of view, **IPassan** is always ready to become more and more powerful whenever you want it or need it.

Because it is an IP based solution, you may use existing IT infrastructure without any expensive extra wiring. This way you will speed up communication. However, if the network is not available all over the project, you can also use the RS 485 bus to expand the network of controllers.

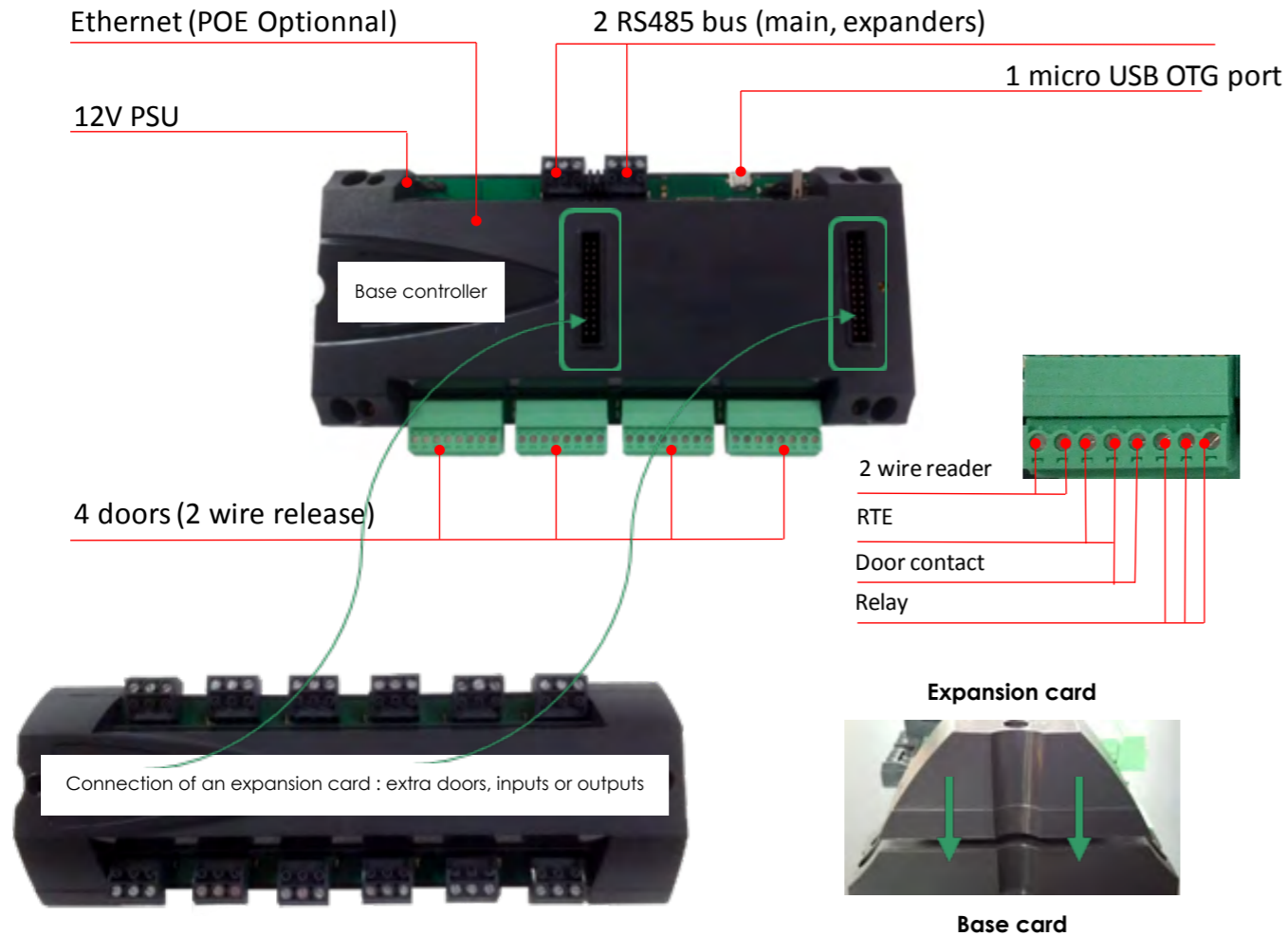
## Hardware features

Controllers and expanders are both DIN Rail mounted but can also be screwed on the wall if no DIN Rail is available.



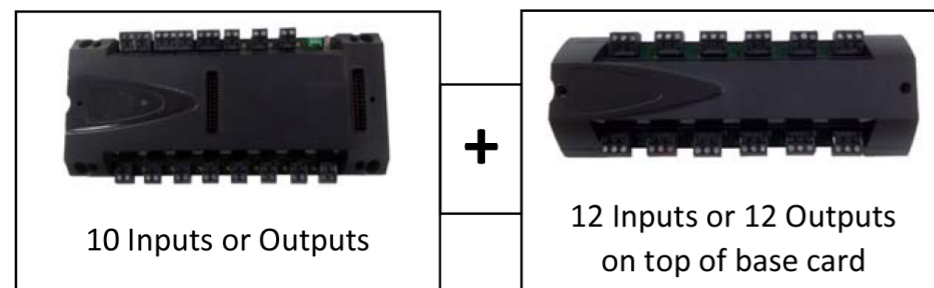
## Controller

The **IPassan** system is always composed of at least a controller smart base card for door inputs as shown below. One controller can manage up to 6 doors when an extra door input is plugged onto the base card. 12 Input or 12 Output cards may also be plugged onto controller base cards for more flexibility.

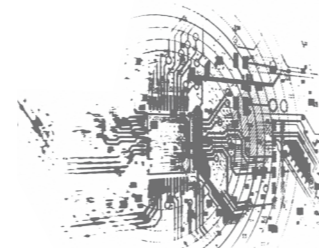


## Expander

When the controller base card is complete, extra I/O base cards are also available and are connected together via RS485 to the smart controller. These I/O base cards can be for 10 Inputs or 10 Outputs. Expansion cards can also be plugged on top to increase the I/O capacity (22 possible Inputs or Outputs in total).

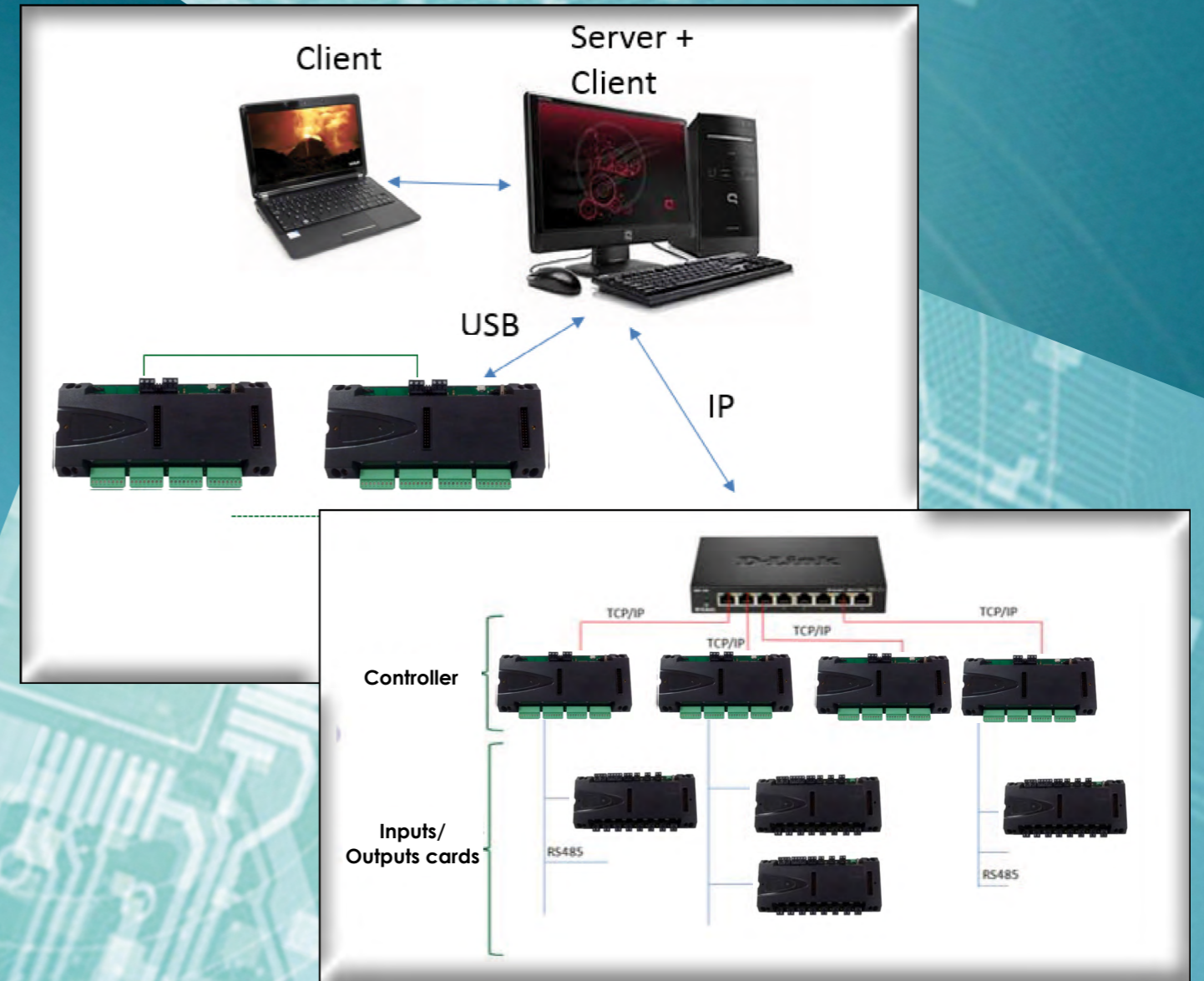


= 22 Inputs or 22 Outputs in total per unit connected via RS 485 to the network x 10 = 220 Inputs or Outputs per controller



## System architecture

Two solutions are available for the connection of the first controller to the server/computer on which the **IPassan Management Suite** is installed: by USB or Ethernet. USB is very universal. Ethernet has a main advantage which is remote management.



**IPassan** can be adapted to any building. Two communication technologies are offered :  
 The FDI **RS485** encrypted bus has all advantages of a field bus : ease of installation, reliability and comfort of use. Only 3 wires are used to connect a peripheral to the bus. A LED on the controller or on the expander shows the correct communication.  
 For more performance also, controllers are full TCP/IP which enables high transfer speeds and makes the communication with third party systems (lifts, hvac, etc.) easier. It also offers more interconnectivity (optical fiber, Internet, etc.)

## Software features



Client / Server architecture

Automatic controller discovery

Intuitive design

Up to 100.000 credentials per site

Unlimited number of doors per site / 384 doors per network

Lift management up to 110 floors

Multiple reader and credential possibilities

Anti-passback

20.000 events per controller

Email or SMS alert messages

Firmware upgrade of the controllers over-the-wire

Operator authorisation

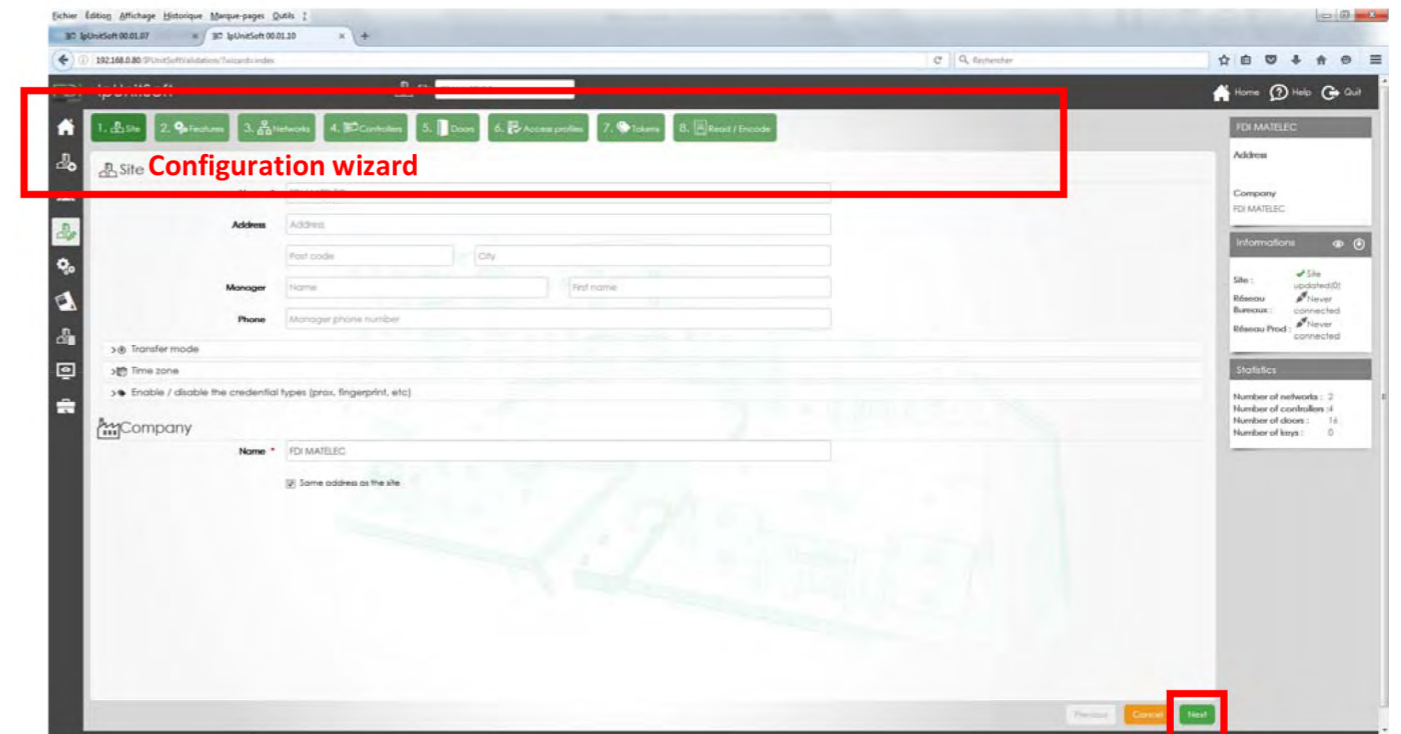
Data importation

## Visual

**IPassan Management Suite** has been designed to be as intuitive as possible.

The software simply uses a web browser and offers a user-friendly interface to the system manager. The suite is composed of several softwares : IPassan Manager to manage access rights and doors, IP Search to find all controllers on your network,

4 types of access levels are available on the software. Administrators, managers, users and guests have different rights. An extra security can also be achieved via a specific fob on the encoder. In this case, the login and password are not sufficient to log on to the system and make modifications. Only the owner of the fob has the full power to open the software and its associated sites.



The step by step configuration wizard will guide you smoothly whichever management level you need. Create your site in 8 steps and start opening doors with the enrolled credentials.

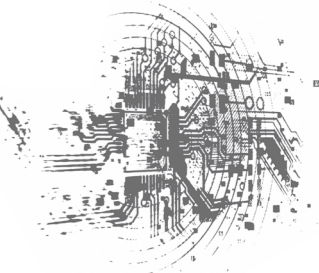
## Powerful

The **IPassan Manager** includes everything you need to secure and manage your premises. The very flexible user authorisation provides an easy-to-use way of assigning access rights to credential holders. This way, you may create groups and decide which doors can be accessed, on what days of the week, during what times. On top of that, access rights can be changed during scheduled holidays.

**IPassan Manager** includes all usual necessary features such as anti-passback which prevents a credential holder from passing his credential back to a second person to enter the same controller area, for example a car park. It also includes live events : IPassan automatically keeps an event log and produces management reports (track card usage and door activity).

**IPassan Manager** gives you the opportunity to check the status of the controllers, readers or any other hardware to prevent any unusual behaviors of the system. The system also offers the possibility to control doors, floors or inputs manually.

Finally, after all these powerful features, IPassan offers lift management as well. It allows users the access to designated floors. If the user has access to the lift, then he has to also present a credential to the reader inside the lift before any of the restricted floor buttons are available.





Welcome to your new building!

Dear The Patterson Building Manager,

Your building The Patterson by Mosaic has been set up with an Intercom Security Solution by Epsilon Security.

Intercom

Access Control

CCTV

I am sure there is a lot to be done when taking over a new building, so we will keep it brief, advising of only the most essential information.

If you require any assistance, advice, or support with our products, please email us at [serviceqld@epsilonsecurity.com.au](mailto:serviceqld@epsilonsecurity.com.au)

and our team will do their best to promptly assist you. When placing an order please identify whom to be billed (ie CT or Management). It's advisable to supply us the billing information at your earliest convenience so our system can be correctly set up.

If you have an emergency after hours, please call **1300 280 122** and you will reach a team member for after-hours support.

We wish you all the best and look forward to working with you.

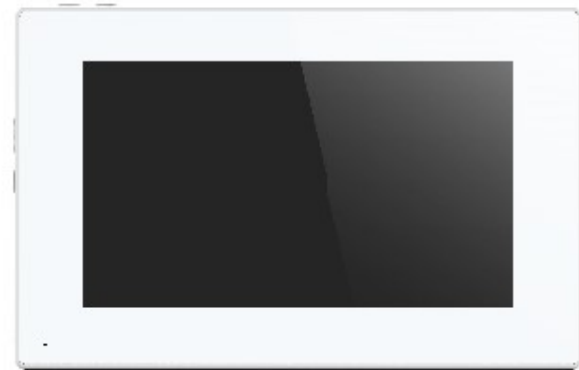
Regards,  
The team at Epsilon Security

**Intercom iCom 203 Door Station B5 iPassan RF 4 button remotes 433mhz Mifare Plus Credentials**

# ICom 7R

TOUCHSCREEN APARTMENT STATION

Apartment monitor

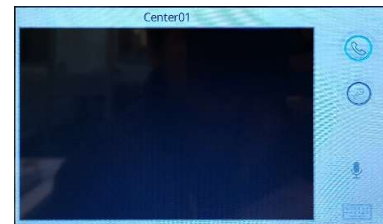


The Patterson by Mosaic

# User instructions

## ICom 7R video monitor

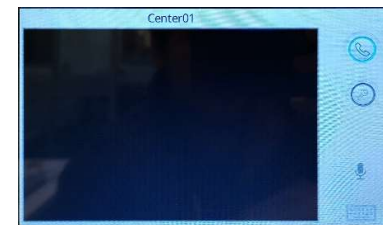
### MAIN MENU ANSWERING INCOMING CALLS



The visitor dials the apartment number on the code pad outside the building finishing with BELL' symbol.

The video monitor inside the called apartment sounds an electronic tone and colour vision of the calling entry is displayed. You can answer the call by pressing the **audio hands-free button** to the right of the screen, and two-way communication is established between the video monitor and the external entry station.

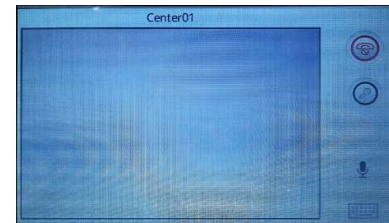
### GRANTING ACCESS



If you would like to grant the visitor access to the building, press the video monitor button with the key symbol to the right of the screen, and the door/gate will be released.

If lift control is present, the key button also enables the lift function.

### ENDING CALLS



You can end the conversation by pressing the audio hands-free button. The video links will automatically time out.

# Network Video Recorder

## Quick Start Guide








# Foreword

## General

This quick start guide (hereinafter referred to as "the Manual") introduces the functions and operations of the NVR device (hereinafter referred to as "the NVR").

## Safety Instructions

The following categorized signal words with defined meaning might appear in the Manual.

Signal Words	Meaning
 <b>DANGER</b>	Indicates a high potential hazard which, if not avoided, will result in death or serious injury.
 <b>WARNING</b>	Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
 <b>CAUTION</b>	Indicates a potential risk which, if not avoided, could result in property damage, data loss, lower performance, or unpredictable result.
 <b>TIPS</b>	Provides methods to help you solve a problem or save you time.
 <b>NOTE</b>	Provides additional information as the emphasis and supplement to the text.

## Revision History

Version	Revision Content	Release Time
V1.0.0	First release.	July 2020

## Privacy Protection Notice

As the NVR user or data controller, you might collect personal data of others such as face, fingerprints, car plate number, Email address, phone number, GPS. You need to be in compliance with the local privacy protection laws and regulations to protect the legitimate rights and interests of other people by implementing measures including but not limited to: providing clear and visible identification to inform data subject the existence of surveillance area and providing related contact.

## About the Manual

- The Manual is for reference only. If there is inconsistency between the Manual and the actual product, the actual product shall prevail.
- We are not liable for any loss caused by the operations that do not comply with the Manual.
- The Manual would be updated according to the latest laws and regulations of related regions. For detailed information, see the paper manual, CD-ROM, QR code or our official website. If there is inconsistency between paper manual and the electronic version, the electronic version shall prevail.
- All the designs and software are subject to change without prior written notice. The product updates might cause some differences between the actual product and the Manual. Contact the

customer service for the latest program and supplementary documentation.

- There still might be deviation in technical data, functions and operations description, or errors in print. If there is any doubt or dispute, refer to our final explanation.
- Upgrade the reader software or try other mainstream reader software if the Manual (in PDF format) cannot be opened.
- All trademarks, registered trademarks and the company names in the Manual are the properties of their respective owners.
- Visit our website, contact the supplier or customer service if there is any problem occurred when using the NVR.
- If there is any uncertainty or controversy, refer to our final explanation.

# Important Safeguards and Warnings

The following description is the correct application method of the NVR. Read the Manual carefully before use to prevent danger and property loss. Strictly conform to the Manual during application and keep it properly after reading.

## Operating Requirements

- Install the PoE cameras indoors.
- Do not place and install the NVR in an area exposed to direct sunlight or near heat generating device.
- Do not install the NVR in a humid, dusty or fuliginous area.
- Keep its horizontal installation, or install it at stable places, and prevent it from falling.
- Do not drip or splash liquids onto the NVR; do not put on the NVR anything filled with liquids, in order to prevent liquids from flowing into the NVR.
- Install the NVR at well-ventilated places; do not block its ventilation opening.
- Use the NVR only within rated input and output range.
- Do not dismantle the NVR arbitrarily.
- Transport, use and store the NVR within allowed humidity and temperature range.

## Power Requirements

- Use batteries according to requirements. Otherwise, it may result in fire, explosion or burning risks of batteries!
- To replace batteries, only the same type of batteries can be used.
- Dispose the exhausted batteries according to the instructions.
- Use electric wires within rated specifications recommended by local regulations.
- Use standard power adapter matched with this NVR. Otherwise, the user shall undertake resulting personnel injuries or NVR damages.
- Use power supply that meets SELV (safety extra low voltage) requirements, and supply power with rated voltage that conforms to Limited Power Source in IEC60950-1. For specific power supply requirements, refer to device labels.
- Products with category I structure shall be connected to grid power output socket, which is equipped with protective grounding.
- Appliance coupler is a disconnecting device. During normal use, keep an angle that facilitates operation.

# Table of Contents

Foreword.....	I
Important Safeguards and Warnings.....	III
1 Local Operations .....	1
1.1 Starting the NVR.....	1
1.2 Initializing the NVR.....	1
1.3 Configuring Network.....	4
1.4 Adding IP Camera .....	6
1.4.1 Initializing IP Camera.....	6
1.4.2 Adding IP Camera by Search Result.....	10
1.4.3 Manually Adding IP Camera.....	12
1.5 Configuring Recorded Video Storage Schedule .....	15
1.6 Configuring P2P Settings .....	17
1.6.1 Enabling P2P Function.....	17
1.6.2 Adding the NVR to Smart Phone Client.....	18
1.7 Smart Motion Detection .....	19
1.8 Live View.....	21
1.9 Recording Playback.....	23
2 Logging in to Web.....	25
Appendix 1 Cybersecurity Recommendations.....	26



# 1 Local Operations



Slight difference might be found on the interfaces of different models. Following figures are for reference only. The actual product shall prevail.

## 1.1 Starting the NVR

Before starting the NVR, make sure that:

- The rated input voltage matches the NVR's power requirements.
- The power wire connection is ready.
- For device security, connect the NVR to the power adapter first and then connect it to the power socket.
- Always use stable current. It is recommended to use UPS as the power source.

## 1.2 Initializing the NVR

This topic shows how to initialize the NVR before use.

### Background Information

When booting up for the first time, you need to configure the password information for **admin** (by default). To guarantee device security, we strongly recommend you properly keep the login password and regularly modify it.

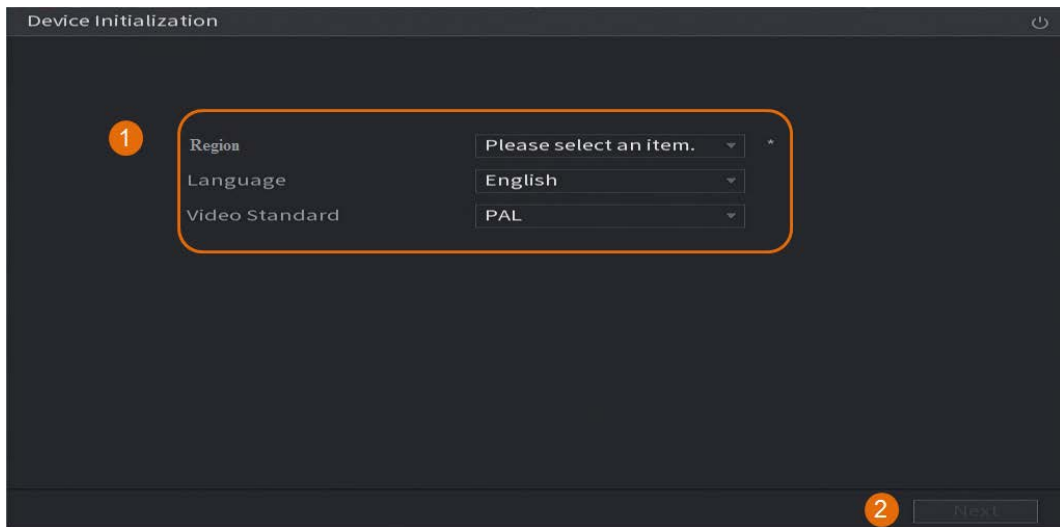
### Procedure

- Step 1 Turn on the NVR.  
The system enters device initialization interface.
- Step 2 From the drop-down lists, select region, language and video standard as needed.



You can change these settings on setting pages of the NVR after initialization.

Figure 1-1 Set location, language and video standard

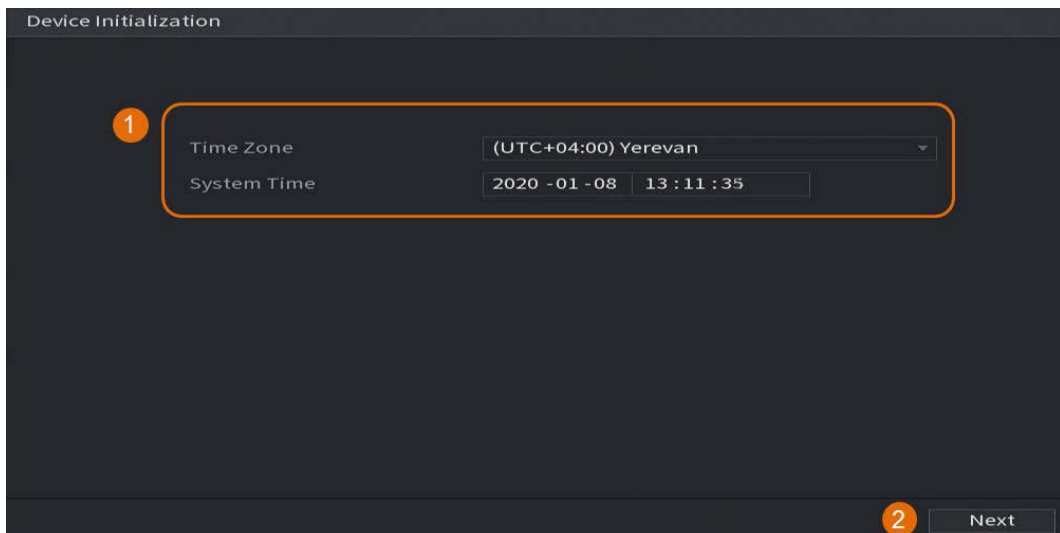


**Step 3** Click **Next**.

**Step 4** Read the Software License Agreement and select **I have read and agree to all terms**, and then click **Next**.

**Step 5** Select time zone and configure system time, and then click **Next**.

Figure 1-2 Configure time zone and system time



**Step 6** Configure the password information for device administrator, and then click **Next**.

Figure 1-3 Configure password information

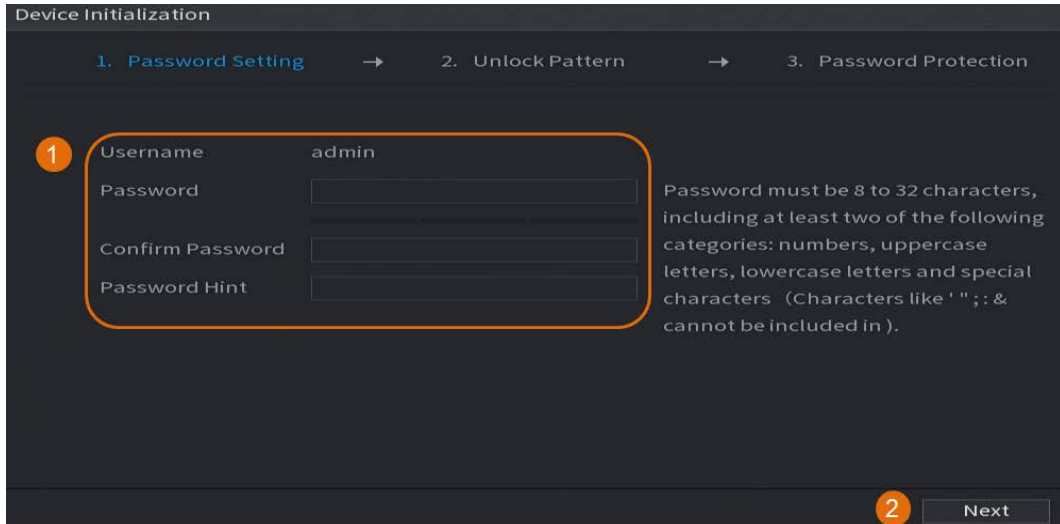



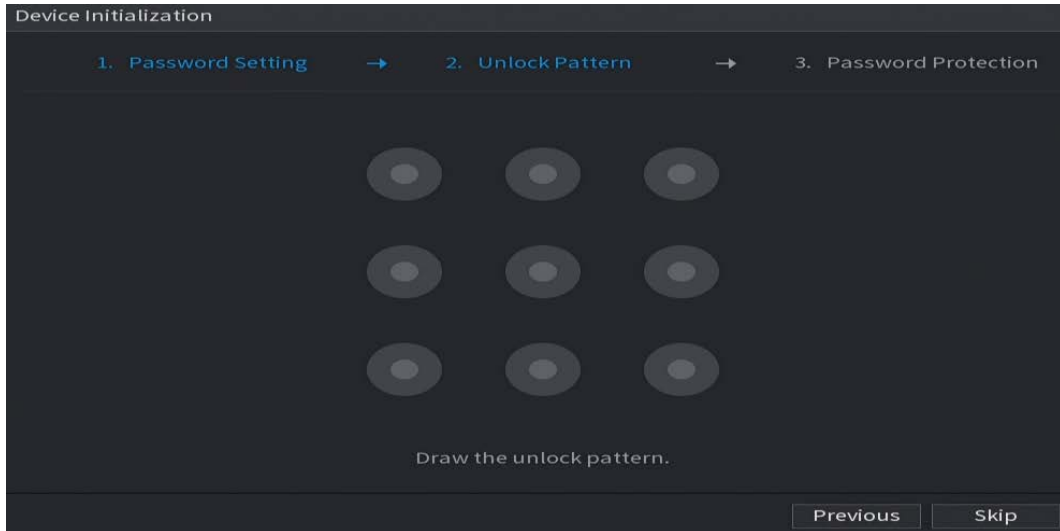


Table 1-1 Password information

Parameter	Description
Username	By default, the user is <b>admin</b> and you cannot change it.
Password	Enter a new password for device administrator in <b>Password</b> field, and confirm the password in the next field.
Confirm Password	 <p>The new password can be set from 8 characters to 32 characters and contains at least two types from numbers, letters and special characters (excluding "", "", ", ", ":" and "&amp;").</p>
Password Hint	<p>Enter a prompt question that will help you recall the password for your device.</p>  <p>On the login interface, click  and the prompt will be displayed to help you reset the password.</p>

**Step 7** (Optional) Use mouse to draw an unlock pattern, and then draw it again for confirmation.

Figure 1-4 Draw an unlock pattern

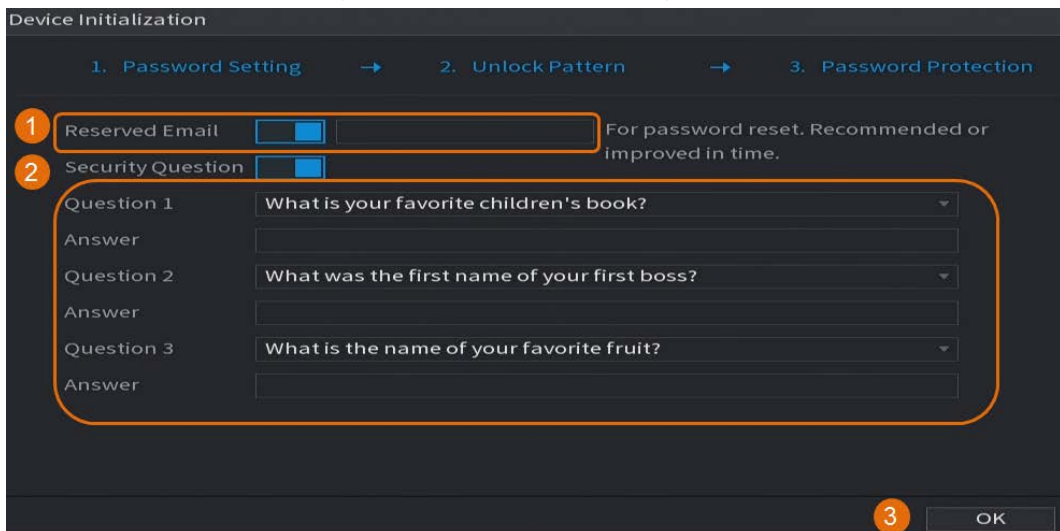


- The pattern that you want to set must cross at least four points.
- If you do not want to configure the unlock pattern, click **Skip**.
- Once you have configured the unlock pattern, it will be used as the default authentication method. If you skip this setting, enter the password for login.

Step 8 (Optional) Apply reserved email and security questions to the NVR.

- Enable **Reserved Email** and enter the email address.
- Enable **Security Question** and select questions from the drop-down lists for **Question 1**, **Question 2**, and **Question 3**, and then enter the answers to those questions.

Figure 1-5 Apply reserved email and security questions



Step 9 Click **OK**.

## 1.3 Configuring Network

You can configure the basic network settings such as net mode, IP version, and IP address for the NVR.

Step 1 Select **Main Menu > NETWORK > TCP/IP**.

Step 2 Configure parameters.



You can also configure network parameters in the Startup Wizard.

Figure 1-6 TCP/IP

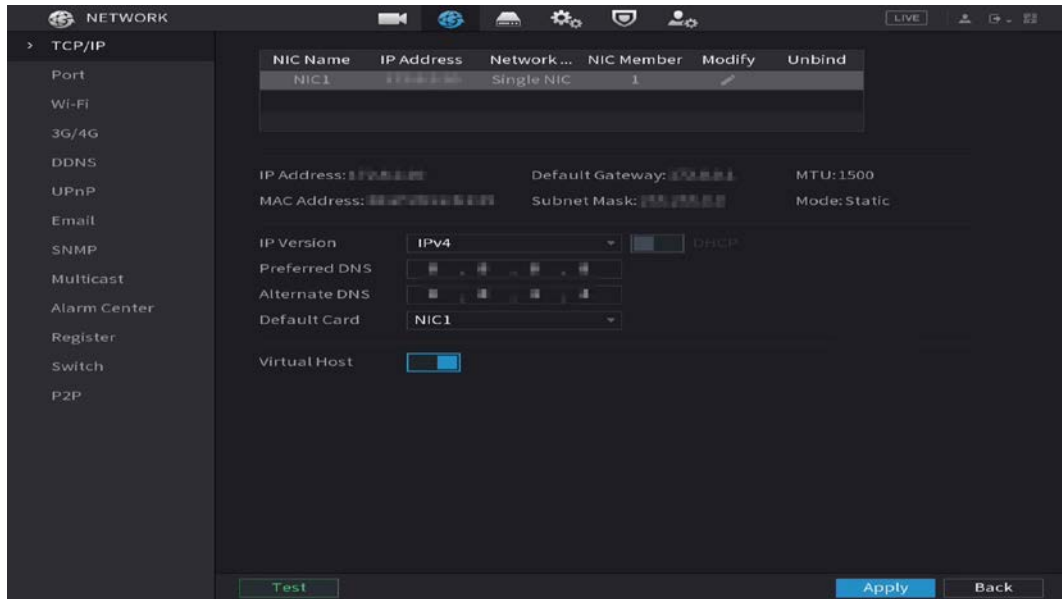


Table 1-2 TCP/IP parameters

Parameter	Description
IP Version	In the <b>IP Version</b> list, you can select <b>IPv4</b> or <b>IPv6</b> . Both versions are supported for access.
MAC Address	Displays the MAC address of the NVR.
DHCP	Enable the DHCP function. The IP address, subnet mask and default gateway are not available for configuration once DHCP is enabled. <ul style="list-style-type: none"> <li>If DHCP is effective, the obtained information will be displayed in the <b>IP Address</b>, <b>Subnet Mask</b> and <b>Default Gateway</b>. If not, all values show 0.0.0.0.</li> <li>If PPPoE connection is successful, the IP address, subnet mask, default gateway, and DHCP are not available for configuration.</li> </ul>
IP Address	Enter the IP address and configure the corresponding subnet mask and default gateway. IP address and default gateway must be in the same network segment.
Subnet Mask	
Default Gateway	
Preferred DNS	Enter the IP address of DNS.
Alternate DNS	Enter the IP address of alternate DNS.

Parameter	Description
MTU	<p>Enter a value for network card. The value ranges from 1280 byte to 1500 byte. The default is 1500.</p> <p>The suggested MTU values are as below.</p> <ul style="list-style-type: none"> <li>• 1500: The biggest value of Ethernet information package. This value is typically selected if there is no PPPoE or VPN connection, and it is also the default value of some routers, network adapters and switches.</li> <li>• 1492: Optimized value for PPPoE.</li> <li>• 1468: Optimized value for DHCP.</li> <li>• 1450: Optimized value for VPN.</li> </ul>
Test	Click <b>Test</b> to test if the entered IP address and gateway are interworking.

Step 3 Click **OK**.

## 1.4 Adding IP Camera

You can add an IP camera by search result or by manually entering IP information.



Cameras you want to add must be in the same network with the NVR.

### 1.4.1 Initializing IP Camera

The topic shows how to initialize new cameras or the cameras after restoring factory defaults.

#### Background Information

The IP camera shall be initialized before connecting to an NVR, otherwise the connection will fail. The initialization will change IP camera's login password and IP address.



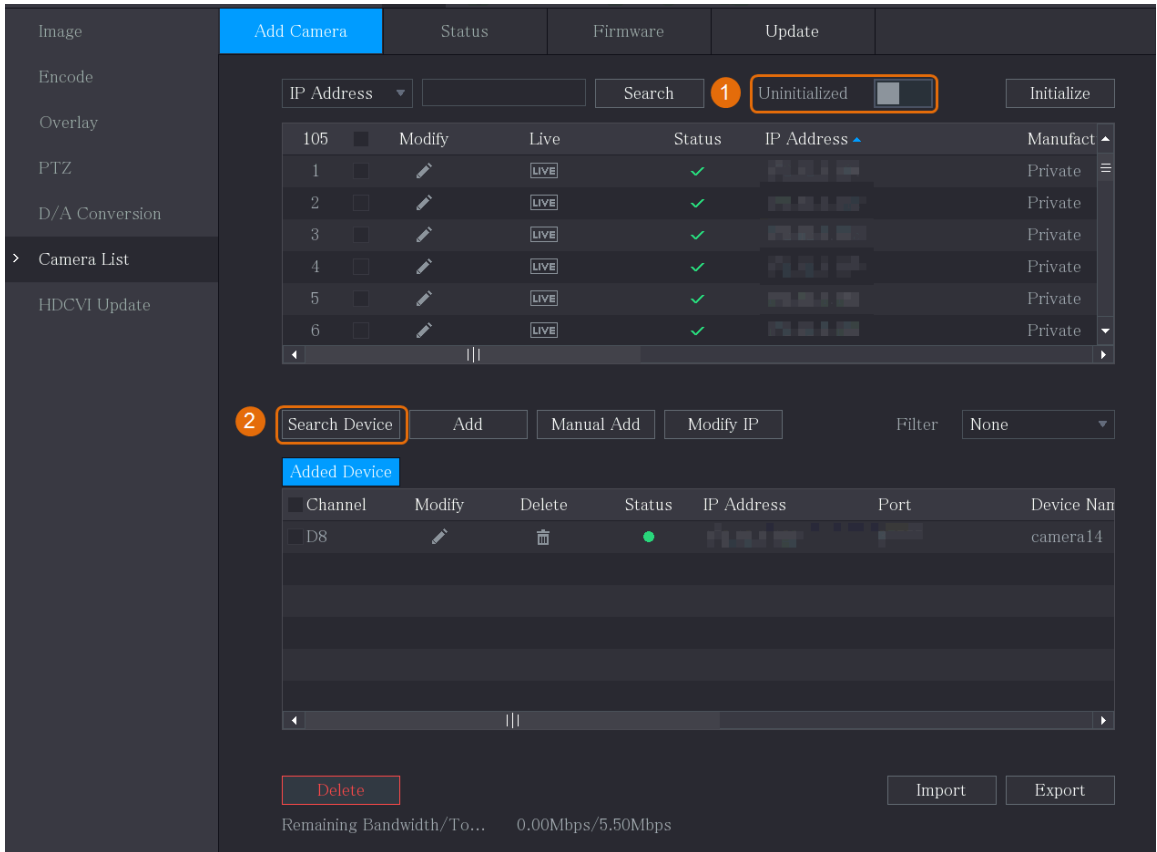
When connect a camera to the NVR through PoE port, the NVR will automatically initialize the camera. And the camera adopts the password and email information of the NVR by default.

#### Procedure

Step 1 Select **Main Menu > Camera > Camera List > Add Camera**.

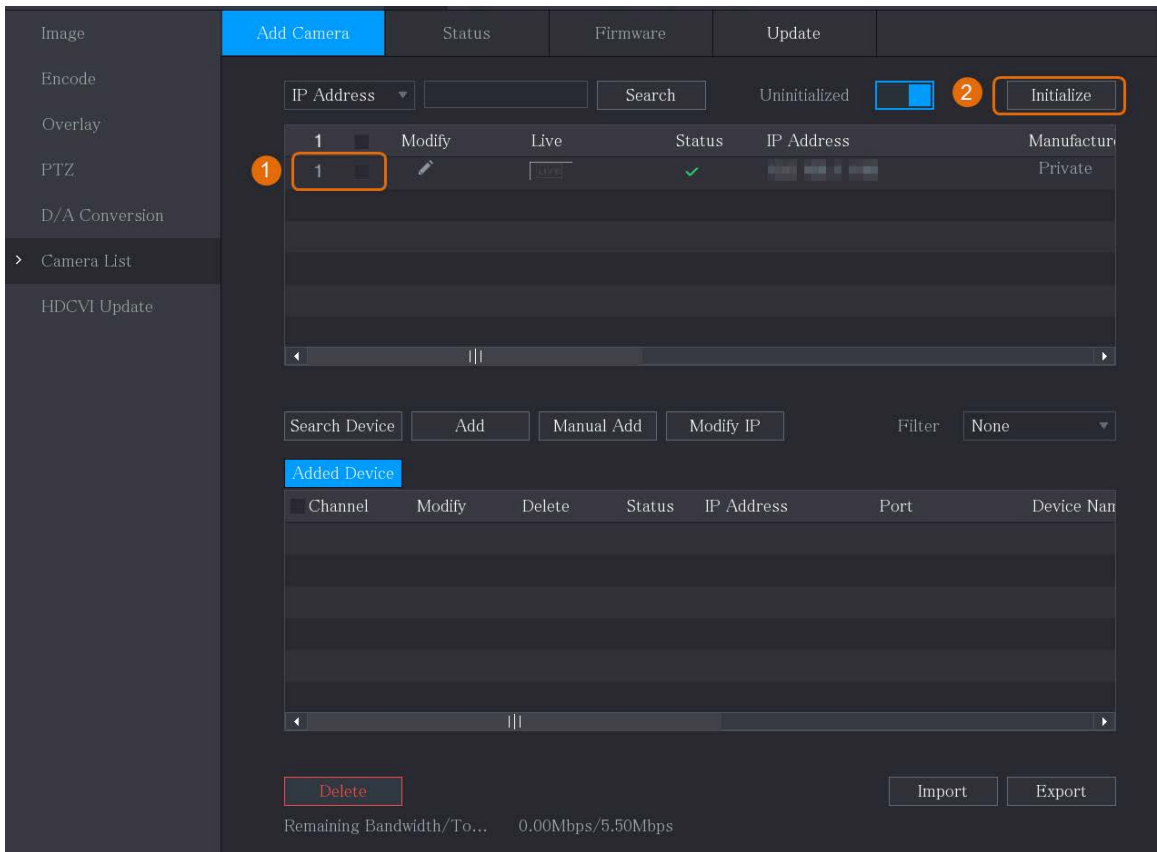
Step 2 Enable **Uninitialized**, and then click **Search Device**.

Figure 1-7 Search uninitialized device



**Step 3** Select the camera to be initialized and then click **Initialize**.

Figure 1-8 Initialize the camera



**Step 4** Apply password and email information to the IP camera.

- Use the NVR's settings.

1. Select **Using current device password and email info..**



This check box is selected by default.

Figure 1-9 Apply device settings

The screenshot shows a dark-themed 'Enter Password' screen. At the top, the title 'Enter Password' is visible. Below it, there is a checkbox labeled 'Using current device password and email info.' which is checked. A red circle with the number '1' is placed to the left of the checkbox. At the bottom right, there is a 'Next' button, which is highlighted with a red circle and the number '2'.

2. Click **Next.**
- Manually set password and email information.
    1. Cancel **Using current device password and email info..**

Figure 1-10 Set password

The screenshot shows the 'Enter Password' screen with the 'Using current device password and email info.' checkbox unselected, indicated by a red circle with the number '1'. Below this, there is a form with three fields: 'User' (set to 'admin'), 'Password', and 'Confirm Password'. The 'Password' field is highlighted with a red circle and the number '2'. Below the 'Password' field, there is a text instruction: 'Use a password that has 8 to 32 characters, it can be a combination of letter(s), number(s) and symbol(s) with at least two kinds of them.(please do not use special symbols like ' " ; : & )'. At the bottom right, there is a 'Next' button, which is highlighted with a red circle and the number '3'.

2. Set password.

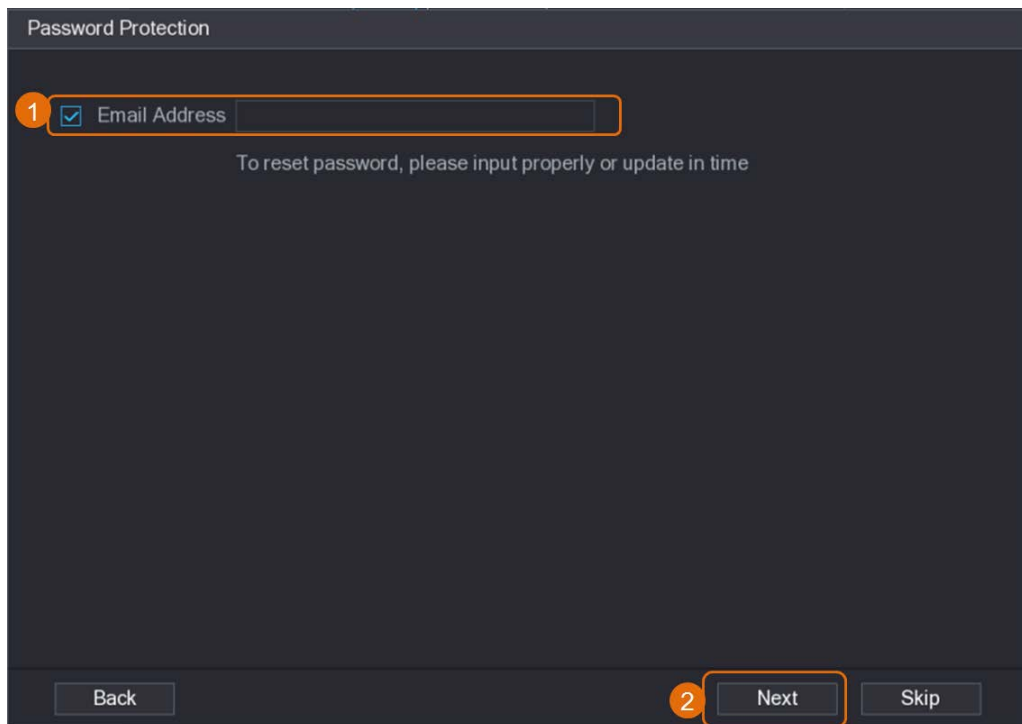


Table 1-3 Password

Parameter	Description
User	The default value is <b>admin</b> that cannot be changed.
Password	The new password can be set from 8 characters to 32 characters and contains at least two types from numbers, letters and special characters (excluding "", "", ";", ":" and "&"). Enter a strong password according to the password strength bar indication.
Confirm Password	

3. Click **Next**.
4. Enter an email address and click **Next**.

Figure 1-11 Set email information



Step 5 Configure camera IP address.

- Select **DHCP** if there is a DHCP server deployed.
- Select **Static**, and then input IP address, subnet mask, default gateway and incremental value.



Set the incremental value when you need to change IP addresses of multiple cameras at one time. The NVR will incrementally add the value on to the fourth section of the IP address when allocate IP addresses for those cameras.

Figure 1-12 Configure IP address

The screenshot shows a configuration window titled "NETWORK". At the top, it says "Checked Device No.: 1". There are two radio button options: "DHCP" (unselected) and "STATIC" (selected). Below these are three input fields for "IP Address", "Subnet Mask", and "Default Gateway", each with a small grid of numbers. To the right of the IP Address field is an "Incremental Value" field containing the number "1". At the bottom of the window are three buttons: "Back", "Next", and "Skip".

- Step 6 Click **Next**.  
Wait 1–2 minutes for the initialization to complete.
- Step 7 Click **Finished**.

## 1.4.2 Adding IP Camera by Search Result

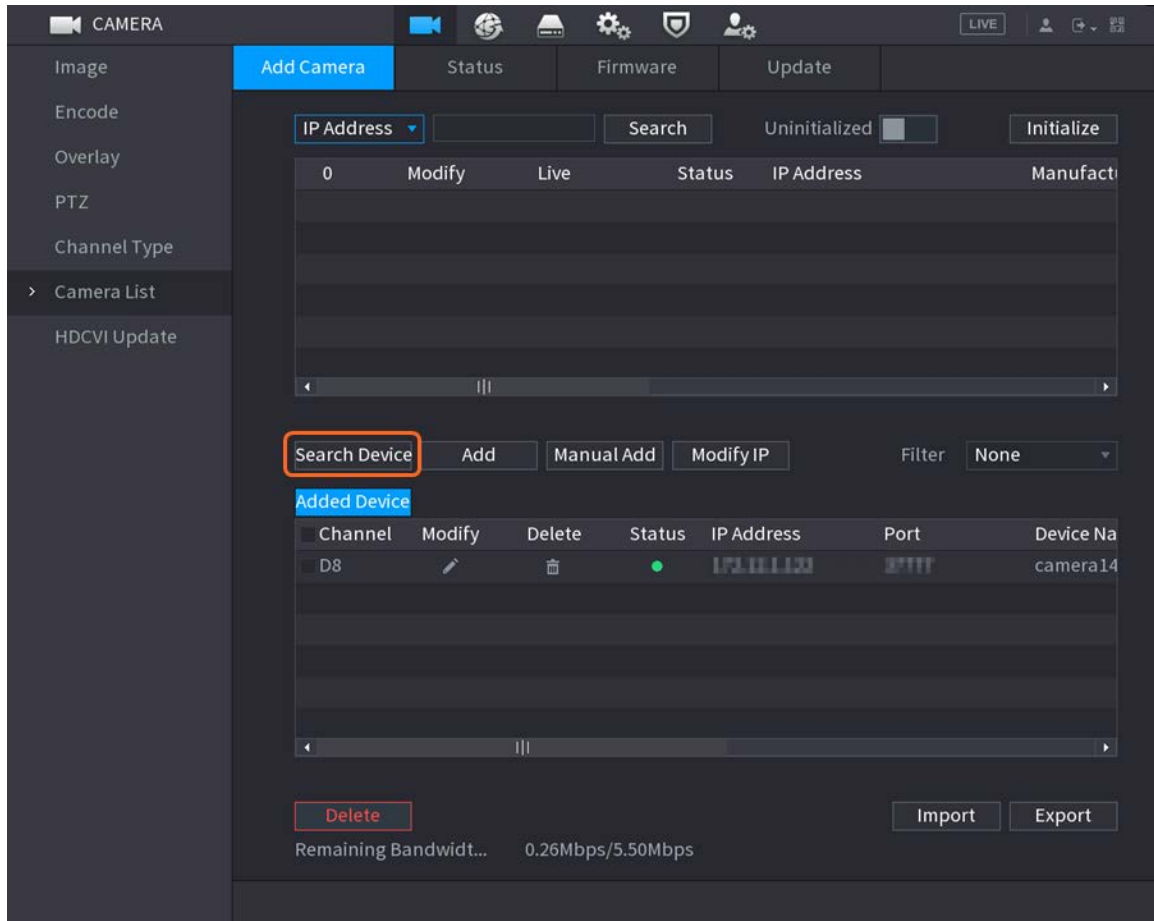
### Prerequisites

Make sure that the cameras you want to add have already been initialized and connected to the right network.

### Procedure

- Step 1 Select **Main Menu > CAMERA > Camera List > Add Camera**.
- Step 2 Click **Search Device**.

Figure 1-13 Search device



**Step 3** Add IP cameras.

- Add by double-click: Double-click the target camera to add it to **Added Device** list.



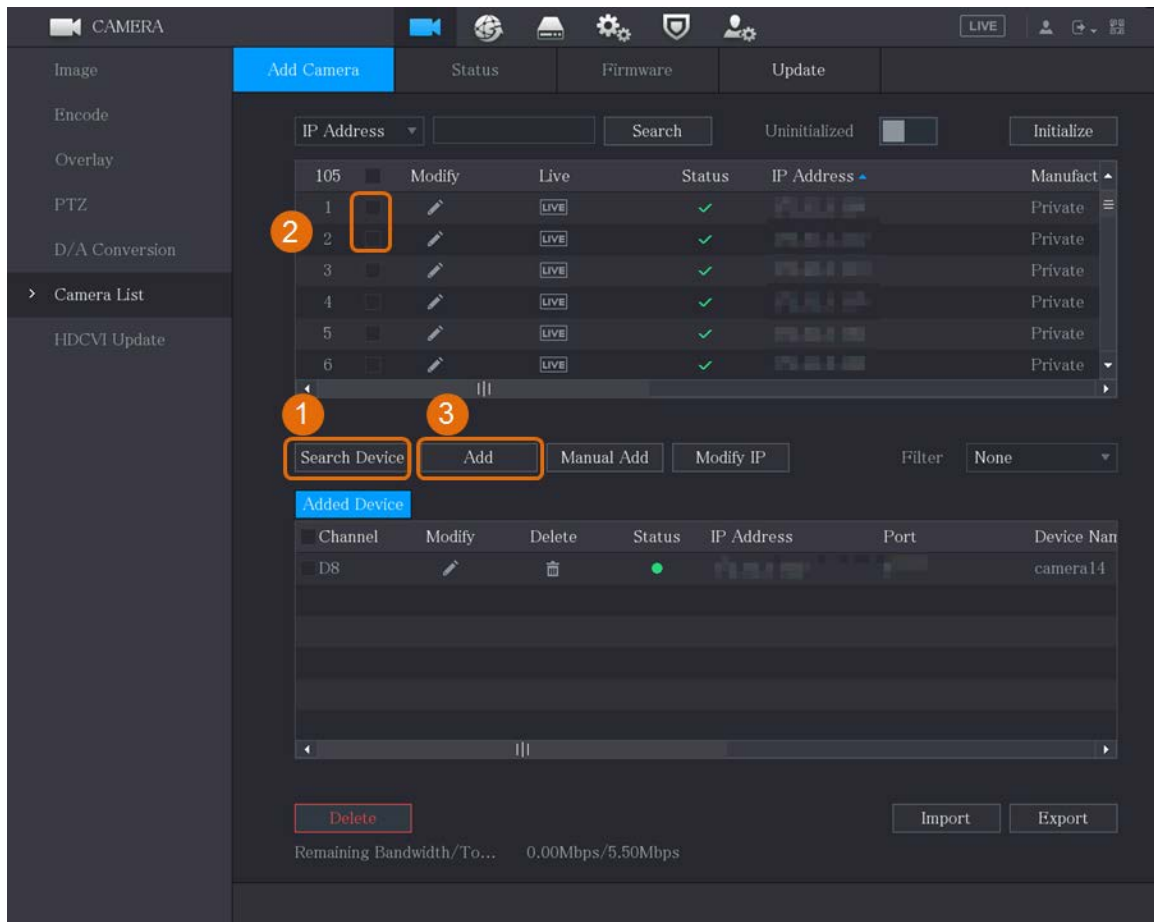
You can add only one camera by search result at one time.

- Add by check box: Select the check box of the target camera, and then click **Add** to add it to **Added Device** list.



You can select more than one check box and add cameras in batches.

Figure 1-14 Add IP camera by search result



## Result

- If the status of the added camera is green (●), it indicates the camera is properly added to the NVR.
- If the status of the added camera is red (●), it indicates connection failure between the camera and the NVR. Check the parameters of the camera such as password, protocol and channel number, and then try adding it again.

## 1.4.3 Manually Adding IP Camera

You can add an IP camera by IP information at one time.

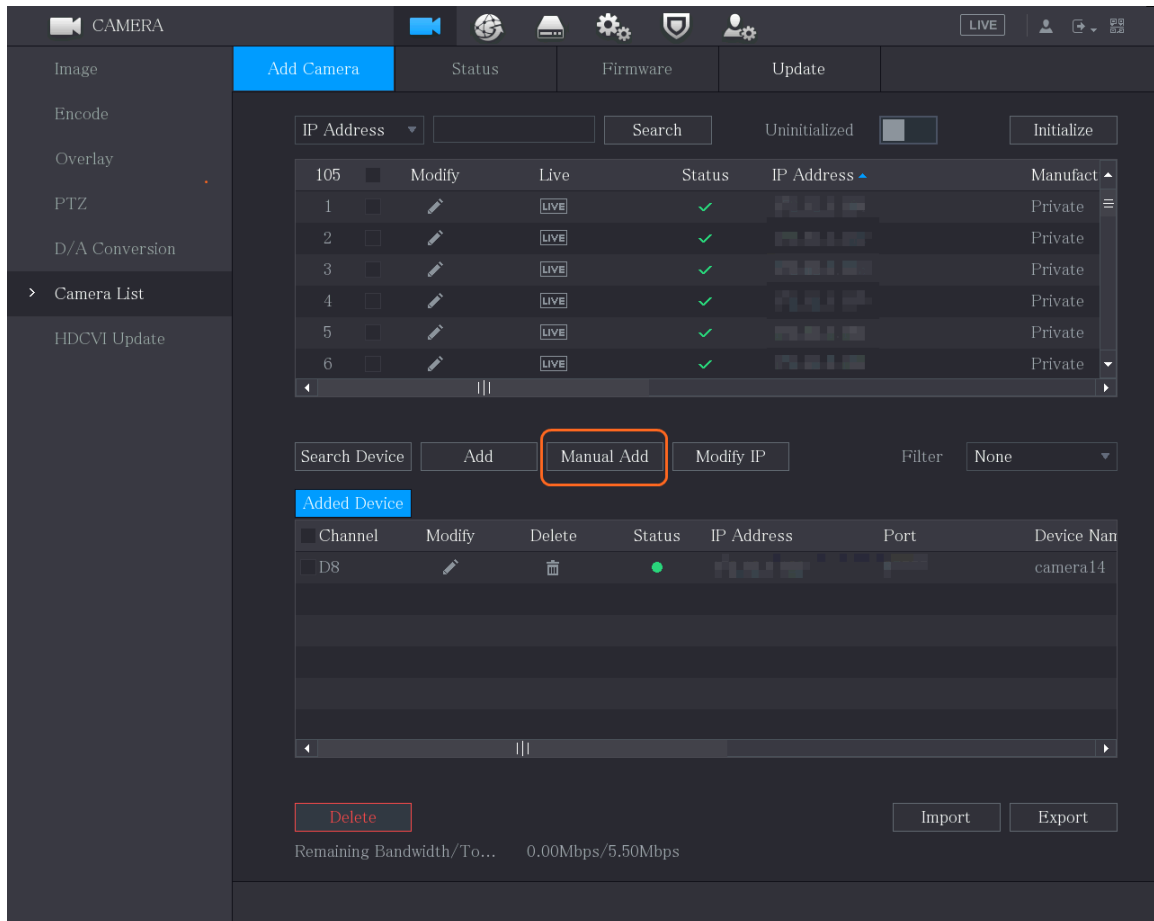
### Prerequisites

Make sure that the cameras you want to add have already been initialized and connected to the right network.

### Procedure

- Step 1 Select **Main Menu > CAMERA > Camera List > Add Camera**.
- Step 2 Click **Manual Add**.



Figure 1-15 Manual add




**Step 3** In the **Manual Add** dialog box, configure parameters.

Figure 1-16 Configure manual add parameters

Table 1-4 Manual add parameters

Parameter	Description
Channel	From the <b>Channel</b> drop-down list, select the channel that you want use on the NVR to connect the remote device.
Manufacturer	From the <b>Manufacturer</b> drop-down list, select the manufacturer of the remote device.
IP Address	In the <b>IP Address</b> field, enter the IP address of the IP camera.  Change the default value (192.168.0.0) which the system cannot connect to.
RTSP Port	The default value is 554. You can change the value as needed.
HTTP Port	The default value is 80. You can change the value as needed.  If you enter another value, for example, 70, and then you should enter 70 after the IP address when logging in to the NVR by browser.
TCP Port	The default value is 37777. You can change the value as needed.
Username	Enter the username of the remote device.
Password	Enter the password of the user for the remote device.
Remote CH No.	Enter the remote channel number of the remote device that you want to add.
Decoder Strategy	In the <b>Decoder Strategy</b> list, select <b>Default</b> , <b>Realtime</b> , or <b>Fluent</b> as needed.

Parameter	Description
Protocol Type	<ul style="list-style-type: none"> <li>• If the IP camera is added through private protocol, select <b>TCP</b>.</li> <li>• If the IP camera is added through ONVIF protocol, the select <b>Auto, TCP, UDP, or MULTICAST</b>.</li> <li>• If the IP camera is added through other manufacturers, select <b>TCP</b> or <b>UDP</b>.</li> </ul>
Encryption	<p>If the IP camera is added through ONVIF protocol, enabling the <b>Encryption</b> check box will provide encryption protection to the data being transmitted.</p>  <p>To use this function, the HTTPS function must be enabled for the remote IP camera.</p>

Step 4 Click OK.

## 1.5 Configuring Recorded Video Storage Schedule

By default, all cameras continuously record videos 24 hours a day. You can modify the settings as needed.



You can also configure storage schedule in the Startup Wizard.

### Procedure


Step 1 Select **Main Menu > STORAGE > Schedule > Record**.

Figure 1-17 Record schedule



Step 2 Configure parameters.


Table 1-5 Record parameters

Parameter	Description
Channel	From the <b>Channel</b> drop-down list, select the channel to change video recording settings for.
Pre-record	In the <b>Pre-record</b> field, set the time for capturing extra video that occurs before an event to provide context to a recording. Value range: 0 to 30 s.
Redundancy	<p>Allows users to set one of the HDDs as the redundant HDD to save the recorded files into different HDDs. In case of HDD failure, you can find the backup recording in the redundant HDD.</p> <ul style="list-style-type: none"> <li>● Select <b>Main Menu &gt; STORAGE &gt; Disk Manager</b>, and then set a HDD as the redundant HDD.</li> <li>● Select <b>Main Menu &gt; STORAGE &gt; Schedule &gt; Record</b>, and then select the <b>Redundancy</b> check box. <ul style="list-style-type: none"> <li>◇ If the selected channel is not recording, the redundancy function takes effect next time you record no matter you select the check box or not.</li> <li>◇ If the selected channel is recording, the current recorded files will be packed, and then start recording according to the new schedule.</li> </ul> </li> </ul> <p></p> <ul style="list-style-type: none"> <li>● This function is available on select models.</li> <li>● The redundant HDD only backs up the recorded videos but not snapshots.</li> </ul>
Event type	<p>Select the check box of the event types.</p> <ul style="list-style-type: none"> <li>● <b>General:</b> General recording means that the NVR records all videos for the specified time frame. General recording is represented by the color green.</li> <li>● <b>Motion:</b> Motion recording means that the NVR records video only when the motion detection is triggered. Motion recording is represented by the color yellow.</li> <li>● <b>Alarm:</b> Alarm recording means that the NVR records video when an alarm is triggered. Alarm recording is represented by the color red.</li> <li>● <b>M&amp;A:</b> M&amp;A recording combines motion recording and alarm recording. The device records video when the motion detection or any alarm is triggered. M&amp;A recording is represented by the color orange.</li> <li>● <b>Intelligent:</b> Intelligent recording means that the NVR records video when the smart detection is triggered. Intelligent recording is represented by the color blue.</li> <li>● <b>POS:</b> POS recording means that the NVR records video when the POS machine is used to make a payment. POS recording is represented by the color purple.</li> </ul>
Period	<p>Defines a period during which the configured recording setting is active. The system only activates the alarm in the defined period.</p>



Parameter	Description
Copy to	Click <b>Copy to</b> to copy the settings to other channels.

**Step 3** Set the schedule by drawing or editing.

- Drawing: Press and hold the left button of the mouse and drag the mouse to draw the period.
- Editing: Click  to configure the period and then click **OK**.

**Step 4** Click **Apply**.



The configured record schedule can come into effect only when the auto record function is enabled. For details to enable auto record, see User's Manual.

## 1.6 Configuring P2P Settings

You can use the QR code to connect a smart phone to the NVR for management.



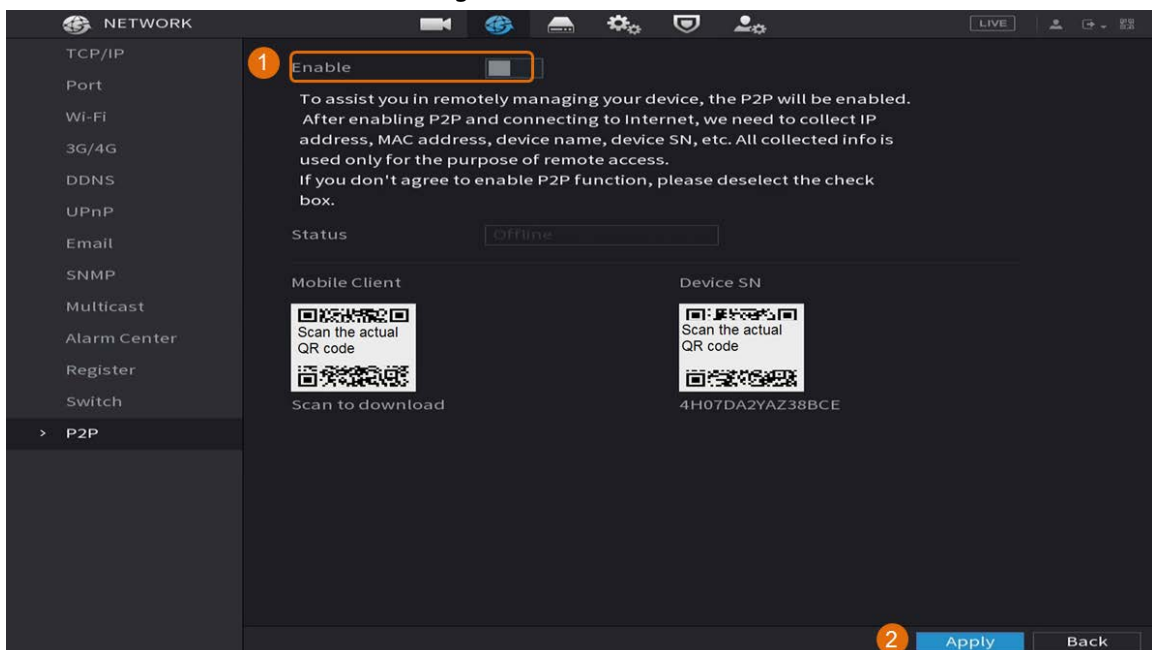
Make sure that the NVR has been connected to the Internet, and if yes, in the **Status** box of the P2P interface, it shows **Online**.

### 1.6.1 Enabling P2P Function

You need to enter P2P interface to enable P2P function and scan the QR code to download the smart phone application.

**Step 1** Select **Main Menu > NETWORK > P2P**.

Figure 1-18 P2P



**Step 2** Click **Enable** to enable P2P function.

**Step 3** Click **Apply**

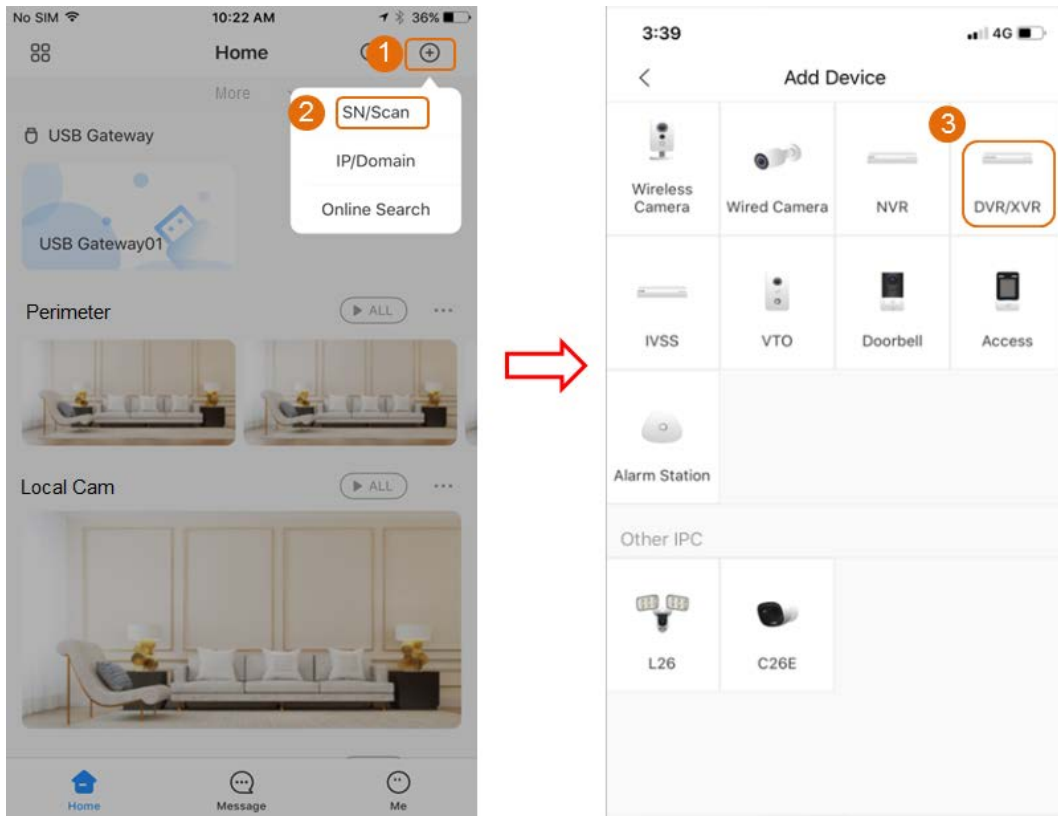
## 1.6.2 Adding the NVR to Smart Phone Client

This topic takes adding the NVR to smart phone client as an example for smart phone management.

Step 1 Open the application and tap .

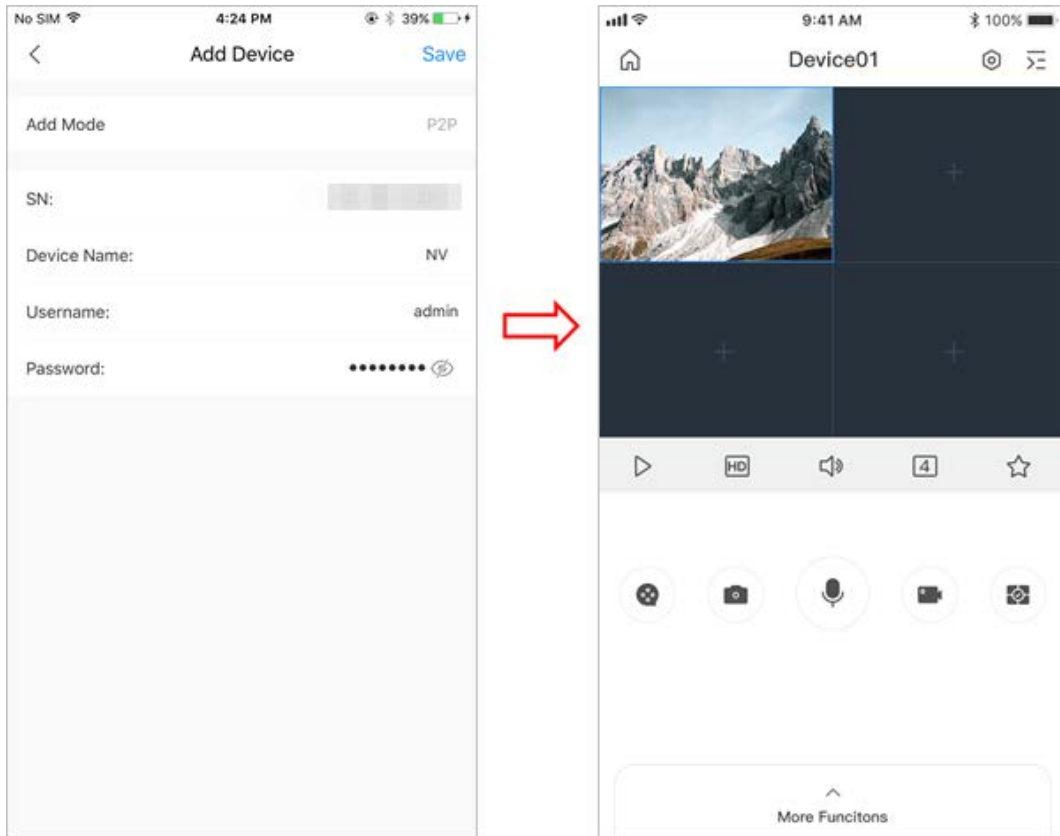
Step 2 Select **SN/Scan**.

Figure 1-19 Add device



Step 3 Select , enter a name and password for the NVR, and then tap **Save**.

Figure 1-20 Start live view



## 1.7 Smart Motion Detection

This topic shows how to configure Smart Motion Detection (SMD).

### Background Information

The Smart Motion Detection (SMD) is an ideal monitoring feature for low populated areas where you want an alert for human or vehicles anywhere in the scene without having to set rules and draw lines.

### Procedure

Step 1 Select **Main Menu > AI > Parameter > SMD**.

Figure 1-21 SMD


The screenshot shows a configuration interface for SMD linkage. The settings are as follows:







- Channel: D1 (dropdown)
- Enable:  (toggle)
- Sensitivity: Medium (dropdown)
- Effective Target:  Human,  Motor Vehicle
- Schedule: Setting (button)
- Anti-Dither: 0 sec. (input field)
- Alarm-out Port: Setting (button)
- Post-Alarm: 0 sec. (input field)
- Show Message:  (checkbox)
- Report Alarm:  (checkbox)
- Send Email:  (checkbox)
- Record Channel: Setting (button)
- PTZ Linkage: Setting (button)
- Post-Record: 10 sec. (input field)
- Tour: Setting (button)
- Picture Storage:  (checkbox)
- Buzzer:  (checkbox)
- Log:  (checkbox)
- Alarm Tone: None (dropdown)

SMD linkage configuration synchronizes with MD linkage configuration.

**Step 2** Select and enable a channel, and then configure parameters.

Table 1-6

Parameter	Description
Sensitivity	The higher the value is, the easier it is to trigger an alarm. But at the same time, the false alarm may occur. The default value is recommended.
Effective Target	Choose human or motor vehicle or both.
Schedule	Configure the period and in the set time range, the corresponding configuration item will be linked to start the alarm.
Anti-Dither	Indicates the time taken from the end of motion detection to the end of alarm linkage action. The range is 0 to 600 seconds.
Alarm-out Port	The alarm device (such as lights, sirens, etc.) is connected to the alarm output port. When an alarm occurs, the NVR device transmits the alarm information to the alarm device.
Post-Alarm	When the alarm ends, the alarm extended for a period of time. The time range is from 0 seconds to 300 seconds.
Show Message	Check box to enable a pop-up message in your local host PC.
Report Alarm	<p>Select the check box. When an alarm occurs, the NVR device uploads an alarm signal to the network (including the alarm center).</p> <p></p> <ul style="list-style-type: none"> <li>• This function is available on select models.</li> <li>• You need to set the alarm center first.</li> </ul>

Parameter	Description
Send Email	<p>Select the check box. When an alarm occurs, the NVR device sends an email to the set mailbox to notify the user.</p>  <p>You need to set the email first.</p>
Record Channel	<p>Select the check box and select the needed recording channel (support multiple choices). When an alarm occurs, the NVR device activates the channel for recording.</p>  <p>You need to enable intelligent recording and auto recording first.</p>
Post-Record	<p>At the end of the alarm, the recording extends for a period of time. The time range is from 10 seconds to 300 seconds.</p>
PTZ Linkage	<p>Select the check box and click Setting to select the channel and PTZ action. When an alarm occurs, the NVR device associates the channel to perform the corresponding PTZ action. For example, activate the PTZ in channel one to turn to the preset point X.</p>  <ul style="list-style-type: none"> <li>• Tripwire alarm supports to activate PTZ preset point only.</li> <li>• You need to set the corresponding PTZ actions first.</li> </ul>
Tour	<p>Select the check box and select the channel for tour. When an alarm occurs, the local interface of the NVR device displays the selected channel screen.</p>  <ul style="list-style-type: none"> <li>• You need to set the time interval and mode for tour first.</li> <li>• After the tour is over, the preview interface is restored to the screen split mode before the tour.</li> </ul>
Picture Storage	<p>Select the Snapshot check box to take a snapshot of the selected channel.</p>  <p>To use this function, select <b>Main Menu &gt; CAMERA &gt; Encode &gt; Snapshot</b>, select <b>Event</b> in <b>Type</b> list.</p>
Buzzer	<p>Select the check box to activate the buzzer when an alarm occurs.</p>
Alarm Tone	<p>Check the box and then select the corresponding audio file from the drop-down list. System plays the audio file when the alarm occurs.</p>  <p>You need to add audio file first.</p>

**Step 3** Click **Apply**.

## 1.8 Live View

After you logged in, the system goes to multiple-channel live view mode by default. You can view the monitoring video of each channel. Note that the number of displayed window may vary model

to model.

To enter the live view screen from other interfaces, click  at the upper-right of the screen.

Figure 1-22 Live view







## Live View Screen

You can view the live video from the connected cameras through each channel on the screen.

- By default, the system time, channel name and channel number are displayed on each channel window. This setting can be configured by selecting **Main Menu > CAMERA > Overlay > Overlay**.
- The figure at the lower-right corner represents channel number. If the channel position is changed or the channel name is modified, you can recognize the channel number by this figure and then perform the operations such as record query and playback.

For the icons displayed on each channel, see Table 1-7.

Table 1-7 Icon description

Icon	Description
	Video is being recorded.
	Motion detection occurs in the scene.
	Video loss is detected.
	Channel monitoring is locked.

## 1.9 Recording Playback

To play back a recording, you can select **Main Menu > Playback** or right-click on the live view interface and select **Search**.


Figure 1-23 Playback main interface



For details about the instructions on playback main interface, see *User's Manual*.

### Instant Playback

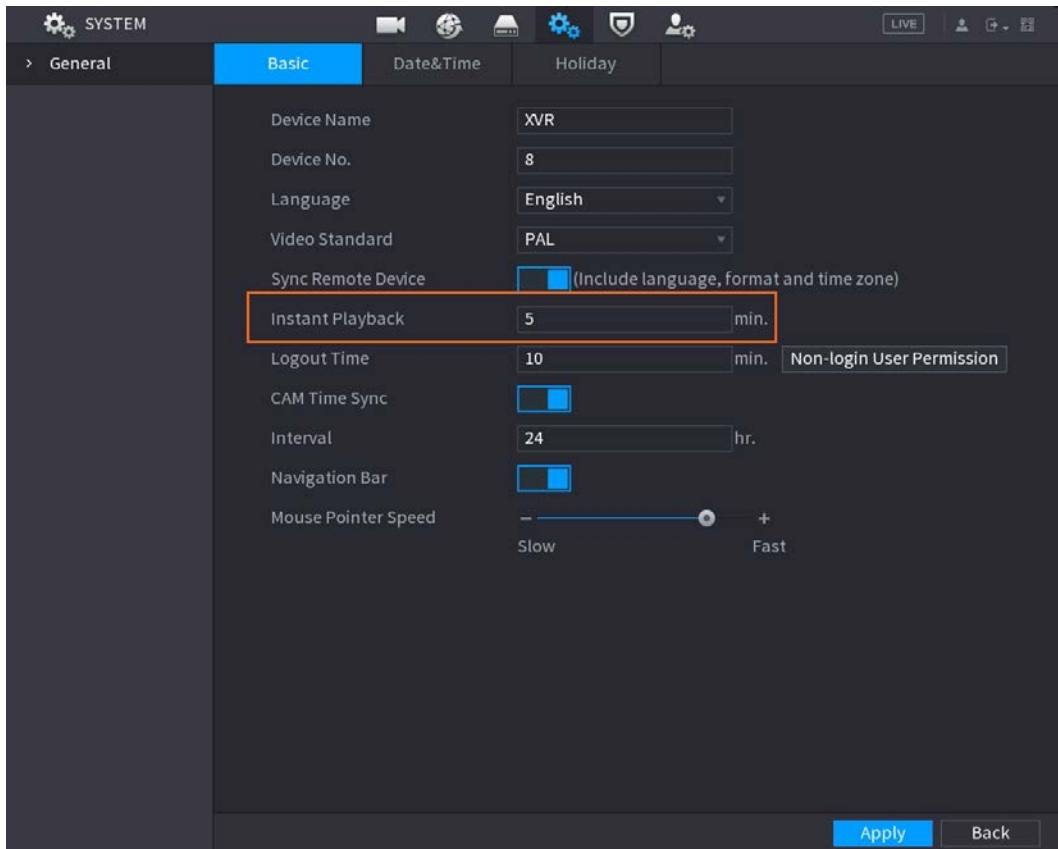
You can play back the previous 5 minutes to 60 minutes of the recorded video.

By clicking , the instant playback interface is displayed. The instant playback has the following features:

- Move the slider to choose the time you want to start playing.
- Play, pause and close playback.
- The information such as channel name and recording status icon are shielded during instant playback and will not display until exited.
- During playback, screen split layout switch is not allowed.

To change the playback time, select **Main Menu > SYSTEM > General > Basic**, in the **Instant Play** box, enter the time you want to play back.

Figure 1-24 Set instant playback time



## Smart Search Playback

During playback, you can analyze a certain area to find if there was any motion detection event occurred. The system will display the images with motion events of the recorded video.



**This function is for some series product only.**

To use the Smart Search function, you need to enable the motion detection for the channel by selecting **Main Menu > ALARM > Video Detection > Motion Detection**.



## 2 Logging in to Web

The web provides most of the functions on local GUI. You can log in to web to manage the NVR as needed.



Slight difference might be found on the interfaces of different models. Following figures are for reference only. The actual product shall govern.

### Procedure


Step 1 Open the browser and enter the IP address of the NVR, and then press Enter key.

Step 2 Enter the username and password.

Figure 2-1 Login

The screenshot shows the NVR Web Login page. At the top, the text 'NVR Web Login' is displayed. Below this, there are three input fields: a username field with a person icon, a password field with a lock icon and a toggle eye icon, and a protocol dropdown menu currently set to 'TCP'. At the bottom is a large blue 'Login' button.



- The default administrator account is **admin**. The password is the one that was configured during initial settings. To security your account, it is recommended to keep the password properly and change it regularly.
- Click  to display the password.

Step 3 Click **Login**.

# Appendix 1 Cybersecurity Recommendations

Cybersecurity is more than just a buzzword: it's something that pertains to every device that is connected to the internet. IP video surveillance is not immune to cyber risks, but taking basic steps toward protecting and strengthening networks and networked appliances will make them less susceptible to attacks. Below are some tips and recommendations on how to create a more secured security system.

## **Mandatory actions to be taken for basic equipment network security:**

### 1. Use Strong Passwords

Please refer to the following suggestions to set passwords:

- The length should not be less than 8 characters;
- Include at least two types of characters; character types include upper and lower case letters, numbers and symbols;
- Do not contain the account name or the account name in reverse order;
- Do not use continuous characters, such as 123, abc, etc.;
- Do not use overlapped characters, such as 111, aaa, etc.;

### 2. Update Firmware and Client Software in Time

- According to the standard procedure in Tech-industry, we recommend to keep your equipment (such as NVR, DVR, IP camera, etc.) firmware up-to-date to ensure the system is equipped with the latest security patches and fixes. When the equipment is connected to the public network, it is recommended to enable the **auto-check for updates** function to obtain timely information of firmware updates released by the manufacturer.
- We suggest that you download and use the latest version of client software.

## **"Nice to have" recommendations to improve your equipment network security:**

### 1. Physical Protection

We suggest that you perform physical protection to equipment, especially storage devices. For example, place the equipment in a special computer room and cabinet, and implement well-done access control permission and key management to prevent unauthorized personnel from carrying out physical contacts such as damaging hardware, unauthorized connection of removable equipment (such as USB flash disk, serial port), etc.

### 2. Change Passwords Regularly

We suggest that you change passwords regularly to reduce the risk of being guessed or cracked.

### 3. Set and Update Passwords Reset Information Timely

The equipment supports password reset function. Please set up related information for password reset in time, including the end user's mailbox and password protection questions. If the information changes, please modify it in time. When setting password protection questions, it is suggested not to use those that can be easily guessed.

### 4. Enable Account Lock

The account lock feature is enabled by default, and we recommend you to keep it on to guarantee the account security. If an attacker attempts to log in with the wrong password several times, the corresponding account and the source IP address will be locked.

### 5. Change Default HTTP and Other Service Ports

We suggest you to change default HTTP and other service ports into any set of numbers between 1024~65535, reducing the risk of outsiders being able to guess which ports you are using.

#### 6. Enable HTTPS

We suggest you to enable HTTPS, so that you visit Web service through a secure communication channel.

#### 7. Enable Allowlist

We suggest you to enable allowlist function to prevent everyone, except those with specified IP addresses, from accessing the system. Therefore, please be sure to add your computer's IP address and the accompanying equipment's IP address to the allowlist.

#### 8. MAC Address Binding

We recommend you to bind the IP and MAC address of the gateway to the equipment, thus reducing the risk of ARP spoofing.

#### 9. Assign Accounts and Privileges Reasonably

According to business and management requirements, reasonably add users and assign a minimum set of permissions to them.

#### 10. Disable Unnecessary Services and Choose Secure Modes

If not needed, it is recommended to turn off some services such as SNMP, SMTP, UPnP, etc., to reduce risks.

If necessary, it is highly recommended that you use safe modes, including but not limited to the following services:

- SNMP: Choose SNMP v3, and set up strong encryption passwords and authentication passwords.
- SMTP: Choose TLS to access mailbox server.
- FTP: Choose SFTP, and set up strong passwords.
- AP hotspot: Choose WPA2-PSK encryption mode, and set up strong passwords.

#### 11. Audio and Video Encrypted Transmission

If your audio and video data contents are very important or sensitive, we recommend that you use encrypted transmission function, to reduce the risk of audio and video data being stolen during transmission.

Reminder: encrypted transmission will cause some loss in transmission efficiency.

#### 12. Secure Auditing

- Check online users: we suggest that you check online users regularly to see if the NVR is logged in without authorization.
- Check equipment log: By viewing the logs, you can know the IP addresses that were used to log in to your devices and their key operations.

#### 13. Network Log

Due to the limited storage capacity of the equipment, the stored log is limited. If you need to save the log for a long time, it is recommended that you enable the network log function to ensure that the critical logs are synchronized to the network log server for tracing.

#### 14. Construct a Safe Network Environment

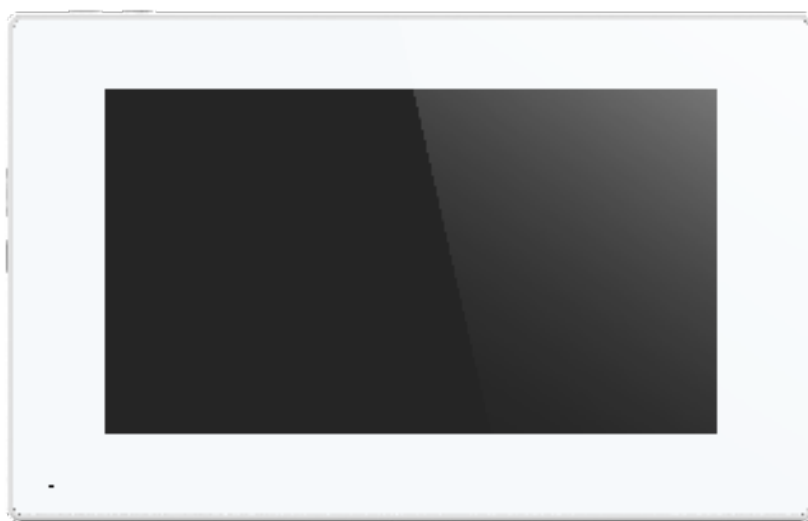
In order to better ensure the safety of equipment and reduce potential cyber risks, we recommend:

- Disable the port mapping function of the router to avoid direct access to the intranet devices from external network.
- The network should be partitioned and isolated according to the actual network needs. If there are no communication requirements between two sub networks, it is suggested to use VLAN, network GAP and other technologies to partition the network, so as to achieve the

network isolation effect.

- Establish the 802.1x access authentication system to reduce the risk of unauthorized access to private networks.

15. It is recommended that you enable your device's firewall or blocklist and allowlist feature to reduce the risk that your device might be attacked.



White finish

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# lCom 7R

TOUCH SCREEN APARTMENT STATION

- 7" capacitive touch screen
  - Linux operating system
  - True FULL IP PoE
  - Available in black or white
-



## FEATURES

- 7" capacitive touch screen
- Linux operating system
- True FULL IP
- Powered via PoE
- SIP
- Picture record
- 8-zone alarm
- Do not disturb function
- Call log
- Message receiving
- Call between residences
- Management centre communication
- Elevator linkage
- Remote management

## TECHNICAL CHARACTERISTICS

Size	205 x 129 x 15mm
Power	DC12V/PoE
Rated Power	5W
Standby Power	1.5W
System	Linux
Display	7" TFT LCD
Display Resolution	800 x 480
Touch Screen	Yes
Display Type	Capacitive
Network	Ethernet (10/100Base-T) RJ-45
Cabling Type	Cat-5e
Temperature	-10°C - +55°C
Humidity	20% - 85%
CPU	1.2GHz, ARM, Cortex-A7
Memory	64MB DDR2 SDRAM
Flash	128MB NAND FLASH
IP Camera Support	8 cameras
Protocol	TCP/IP, SIP
Firmware Upgrade	Remote upgrade

## 5 Warranties

# Warranty Certificate

Version: V01

Issue Date: 31/03/23

Site Name:	The Patterson
Address:	15 Archer St Toowong
Client:	Mosaic
Completed Works:	Electrical Installation
Contract PO Number:	
Practical Completion Date:	31/03/2023

When installed and commissioned by Queensland Electrical P/L industry trained technicians warranty on the installed product is 12 months from Date of practical completion.

Queensland Electrical warrants the installation of the installed product against faulty workmanship for a period of 12 months from date of Practical Completion.

### Conditions of Warranty Period:

1. All property is to remain in the possession of the original owner.
2. On discovery of any defect, the customer must immediately notify Queensland Electrical P/L in writing (email) of such defect. Queensland Electrical reserves the right to be given first response opportunity to inspect, make repairs, replacements or corrections to defective equipment at no cost to the customer (subject to condition 3).
3. Warranty does not cover malfunction of failure resulting from use on incorrect voltage, misuse, neglect, abuse, incorrect operation, radio frequency interference internally or externally, mains supply problem, storm activity, infestation of insects or vermin, exposure to corrosive conditions, or entry by any foreign object or matter into the product.
4. Warranty does not cover physical damage to equipment.
5. Warranty will be voided if equipment has been modified, altered or repaired or attempted to be repaired by anyone other than Queensland Electrical.
6. Queensland Electrical technicians required to attend site during a warranty claim will be scheduled to attend at the next available opportunity. Technicians are scheduled to attend during normal business hours only (7:00am-5:00pm Monday to Friday), excluding Public Holidays). After hours emergency service is not covered under the warranty conditions. Requests for attendance outside of normal business hours as described above will be at the discretion of Queensland Electrical and such work may incur our current after hour's service charges.
7. The 12 month warranty period is only applicable where defects have arisen, wholly or substantially, as a result of a manufacturer fault, faulty part or workmanship during the warranty period only, provided the equipment has been operated in accordance with Queensland Electrical or manufacturers' instructions.
8. All goods supplied are covered by such warranties as specified by the manufacturer and supplied subject to product standards detailed by the manufacturer.
9. Where equipment is to be removed from site for investigation, temporary replacement equipment will be installed if possible. All product repairs are returned to the manufacturers nominated repair centre as applicable for investigation and remediation by the manufacturer.
10. Where a warranty claim has been requested, but has been deemed not a warranty claim, charges may be applicable for the cost of Queensland Electricals' technicians attending the site.

**To make a claim under warranty during the 12 month period, please email [admin@qlelectrical.com.au](mailto:admin@qlelectrical.com.au) with details of the issue, contact name and number.**



## 7 AS BUILT DRAWINGS

The following as built drawings represent the electrical services installation as completed by the electrical services sub contract. The following as built drawings included in this manual are in hard copy as A3 sizes as well in digital format. All information in the as built documents must be confirmed on site as these documents do not account for any changes or additions to the electrical services installation post practical completion of the electrical services sub contract.

## 6 Certification

This form is to be used for the purposes of sections 74 and 77 of the Building Regulation 2021 (appointed competent person statement that an aspect of work has been completed and complies with the building development approval).

Information about how to complete this form is in the Appendix at the end of the form.


<p><b>1. Indicate the aspect of the building work</b></p> <p>Examples of aspects of the stage of building work (and not limited to the examples provided below):</p> <p>waterproofing, tiling, glazing, energy efficiency, emergency lights, exit signs, smoke detection, air-conditioning.</p>	<p>Aspect of building work (indicate the aspect)</p> <p>Electrical Installation</p>				
<p><b>2. Property description</b></p> <p>The description must identify all land the subject of the application.</p> <p>The lot and plan details (e.g. SP/RP) are shown on title documents or a rates notice.</p> <p>If the plan is not registered by title, provide previous lot and plan details.</p>	<p>Street address <i>(include number, street, suburb/locality and postcode)</i></p> <p>3-15 Archer Street, Toowong</p> <p>..... State <u>QLD</u> Postcode <u>4066</u></p> <p>Lot and plan details <i>(attach list if necessary)</i></p> <p>L2 &amp; L3 on RP.70716</p> <p>Local government area the land is situated in</p> <p>Brisbane City Council</p>				
<p><b>3. Building/structure description</b></p>	<table border="0"> <tr> <td>Building/structure description</td> <td>Class of building/structure</td> </tr> <tr> <td>Apartment and Basement car park</td> <td>Class 2 &amp; 7a</td> </tr> </table>	Building/structure description	Class of building/structure	Apartment and Basement car park	Class 2 & 7a
Building/structure description	Class of building/structure				
Apartment and Basement car park	Class 2 & 7a				
<p><b>4. Description of the extent of aspect/s certified</b></p> <p>Clearly describe the extent of work covered by this certificate, i.e. all structural aspects of the steel roof beams and location i.e. what floors the work was on, the parts of a room.</p>	<p>Electrical Installation as per drawings &amp; associated documents</p>				

<b>5. Basis of certification</b> Detail the basis for giving the certificate and the extent to which tests, specifications, rules, standards, codes of practice and other publications were relied upon.	<b>CERTIFICATE OF TEST AND COMPLIANCE:</b> This certifies that the electrical installation, to the extent it is affected by the electrical work, has been tested to ensure that it is electrically safe and is in accordance with the requirements of the AS3000 wiring rules and any other standard applying under the Electrical Safety Regulation 2013 to the electrical installation. Power and lighting has been supplied and installed as to the electrical consultants drawings and is to comply with AS1680.1 and NCC Section F4.4 and J6, QDC MP4.1
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<b>6. Reference documentation</b> Clearly identify any relevant documentation, e.g. numbered structural engineering plans.	Approved Electrical Drawings
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<b>7. Building certifier reference number and building development approval number</b>	Building certifier's name <i>(in full)</i> ..... Building certifier reference number      Building development approval number ..... A005708978
--	---

<b>8. Details of appointed competent person</b>	Name <i>(in full)</i> Ryan Adamczyk ..... Company name <i>(if applicable)</i> Contact person Queensland Electrical Pty Ltd ..... Business phone number      Mobile number 07 3290 5304      0410 340 893 ..... Email address admin@qldelectrical.com.au ..... Postal address Po Box 98 ..... Bulimba      State QLD      Postcode 4171 ..... Licence class or registration type <i>(if applicable)</i> Electrical Contractors ..... Licence class or registration number <i>(if applicable)</i> 68761 ..... Date request to inspect received from building certifier .....
---	--

<b>9. Signature of appointed competent person</b>	Signature      Date  13/03/2023 .....
---	--

**LOCAL GOVERNMENT USE ONLY**

<b>Date received</b>		<b>Reference number/s</b>	
----------------------	--	---------------------------	--

## Appendix – explanatory information

**IMPORTANT NOTE:** a competent person who knowingly or reasonably suspects the information they are giving to the building certifier is false or misleading, including the information contained in this certificate (Form 12), commits an offence and is liable to a maximum penalty of 100 penalty units.

**When is this certificate needed?** (sections 10 of the *Building Act 1975* (Building Act) and 75 of Building Regulation 2021 (BR 2021))  
When performing a building certification function, a building certifier may accept and rely on **an aspect inspection certificate** from an appointed competent person to satisfy themselves that an aspect of work has been completed and complies with the building development approval.

For a single detached class 1a building a building certifier can only accept this form for an aspect of work that is for

- boundary clearance if the appointed competent person is a cadastral surveyor, and,
- the reinforcement of footing systems if the appointed competent person is the appropriate registered professional engineer.

For further information about inspections for detached class 1a and 10 buildings or structures, refer to **Guideline for inspections of class 1 and 10 buildings and structures**.

**Who can sign this certificate (Form 12)?** (part 9, division 2, section 74 of the BR 2021)

A person assessed and appointed as a competent person (inspections) must complete the approved form (Form 12) and give it to the building certifier after they (1) inspect the aspect of work; and (2) are satisfied the aspect of work has been completed and complies with the building development approval.

**Competent person** (section 10, Part 6 of the BR 2021)

A building certifier must assess and decide to appoint an individual as a competent person before they can, as a competent person, give inspection help or design-specification help. The building certifier is required to keep detailed records about what was considered when appointing a competent person.

A competent person cannot give inspection help to a building certifier until they have been appointed by the building certifier. For further information about assessment of someone as a competent person refer to the **Guideline for the assessment of competent persons**.

**Inspection help** (section 34 of the BR 2021)

A building certifier must be satisfied that an individual is competent to give the type of inspection help having regard to the individual's experience, qualifications and skills and if required by law to hold a licence or registration, that the individual is appropriately registered or licensed.

For further information about conducting inspections for class 2 to 9 buildings, refer to the **Guideline for inspection of class 2 to 9 buildings**.

### How to complete this form

#### Section 1 – Aspect of building work

An aspect of building work means a component of a stage of the building work, for example water proofing. A stage of assessable building work (requires a building development approval) is a stage of the work, prescribed by regulation, that may be inspected, or stated in a building development approval by the relevant building certifier.

#### Section 2 – Property description

The property description must identify all the land the subject of the application. The lot and plan details (e.g. SP/RP) can be found on title documents or a rates notice. If the plan is not registered by title, provide previous lot and plan details.

#### Section 3 – Building / structure description

Describe the type of building or structures and provide the classification determined under the National Construction Code (NCC). The NCC can be accessed at the Australian Building Codes Board's website.

#### Section 4 – Describe the extent or location of the aspect work inspected.

Clearly describe the extent of work covered by this certificate, i.e. all structural aspects of the steel roof beams and location i.e. what floors the work was on, the parts of a room.

#### Sections 5 – Basis for the certification and section 6 Reference documentation (section 77 of BR 2021)

The appointed competent person (inspections) must state the basis for giving the certificate (Form 12) including the extent to which the competent person has relied on tests, specifications, rules, standards, codes of practice or other publications to make their decision that the aspect of work has been completed and complies with the building development approval.

Under the regulation (section 76) the appointed competent person (inspections) may accept and rely on a certificate (Form 12) from another appointed competent person (inspections) without inspecting the work. Although this can only be done if the inspection was carried out in accordance with best industry practice.

### Other relevant inspection / aspect forms

**Aspect work – assessable building work: Form 43 – Aspect certificate (completed by a QBCC licensee)** - for aspect work for a single detached class 1a building and class 10 buildings and structures .

**Aspect work not subject to a building development approval - accepted development (self-assessable): Form 30 – (completed by a QBCC licensee)** - given to either the builder or the owner of the building, stating the subject aspect work complies with the relevant provisions, standards and codes.

**Stages of work: Form 16 – Inspection certificate (completed by a building certifier or competent person)** for a stage of work.

**Building design – specification: Form 15 – Compliance certificate for building design or specification (completed by a competent person (design – specification))** for an aspect of stating a building design – specification will, if installed or carried out to the detail under this Form will comply with the building assessment provisions.

For all other building forms and guidelines visit the [Business Queensland website](#).

#### **PRIVACY NOTICE**

The Department of Energy and Public Works is collecting personal information as required under the *Building Act 1975*. This information may be stored by the Department, and will be used for administration, compliance, statistical research and evaluation of building laws. Your personal information will be disclosed to other government agencies, local government authorities and third parties for purposes relating to administering and monitoring compliance with the *Building Act 1975*. Personal information will otherwise only be disclosed to third parties with your consent or unless authorised or required by law.

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<p><b>2. Property description</b></p> <p>The description must identify all land the subject of the application.</p> <p>The lot and plan details (e.g. SP/RP) are shown on title documents or a rates notice.</p> <p>If the plan is not registered by title, provide previous lot and plan details.</p>	<p>Street address <i>(include number, street, suburb/locality and postcode)</i></p> <p>3-15 Archer Street, Toowong</p> <p>..... State <u>QLD</u> Postcode <u>4066</u></p> <p>.....</p> <p>Lot and plan details <i>(attach list if necessary)</i></p> <p>L2 &amp; L3 on RP.70716</p> <p>.....</p> <p>Local government area the land is situated in</p> <p>Brisbane City Council</p> <p>.....</p>				
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Building/structure description	Class of building/structure				
Apartment and Basement car park	Class 2 & 7a				
<p><b>4. Description of the extent of aspect/s certified</b></p> <p>Clearly describe the extent of work covered by this certificate, i.e. all structural aspects of the steel roof beams and location i.e. what floors the work was on, the parts of a room.</p>	<p>All Emergency Exit and Illumination electrical equipment is supplied and installed:</p> <p>To meet the manufacturing specifications requirement of AS 2293.3</p> <p>All control and test equipment complies with the design intent of AS2293.1</p>				





## Appendix – explanatory information

**IMPORTANT NOTE:** a competent person who knowingly or reasonably suspects the information they are giving to the building certifier is false or misleading, including the information contained in this certificate (Form 12), commits an offence and is liable to a maximum penalty of 100 penalty units.

**When is this certificate needed?** (sections 10 of the *Building Act 1975* (Building Act) and 75 of Building Regulation 2021 (BR 2021))  
When performing a building certification function, a building certifier may accept and rely on **an aspect inspection certificate** from an appointed competent person to satisfy themselves that an aspect of work has been completed and complies with the building development approval.

For a single detached class 1a building a building certifier can only accept this form for an aspect of work that is for

- boundary clearance if the appointed competent person is a cadastral surveyor, and,
- the reinforcement of footing systems if the appointed competent person is the appropriate registered professional engineer.

For further information about inspections for detached class 1a and 10 buildings or structures, refer to **Guideline for inspections of class 1 and 10 buildings and structures**.

**Who can sign this certificate (Form 12)?** (part 9, division 2, section 74 of the BR 2021)

A person assessed and appointed as a competent person (inspections) must complete the approved form (Form 12) and give it to the building certifier after they (1) inspect the aspect of work; and (2) are satisfied the aspect of work has been completed and complies with the building development approval.

**Competent person** (section 10, Part 6 of the BR 2021)

A building certifier must assess and decide to appoint an individual as a competent person before they can, as a competent person, give inspection help or design-specification help. The building certifier is required to keep detailed records about what was considered when appointing a competent person.

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#### Section 2 – Property description

The property description must identify all the land the subject of the application. The lot and plan details (e.g. SP/RP) can be found on title documents or a rates notice. If the plan is not registered by title, provide previous lot and plan details.

#### Section 3 – Building / structure description

Describe the type of building or structures and provide the classification determined under the National Construction Code (NCC). The NCC can be accessed at the Australian Building Codes Board's website.

#### Section 4 – Describe the extent or location of the aspect work inspected.

Clearly describe the extent of work covered by this certificate, i.e. all structural aspects of the steel roof beams and location i.e. what floors the work was on, the parts of a room.

#### Sections 5 – Basis for the certification and section 6 Reference documentation (section 77 of BR 2021)

The appointed competent person (inspections) must state the basis for giving the certificate (Form 12) including the extent to which the competent person has relied on tests, specifications, rules, standards, codes of practice or other publications to make their decision that the aspect of work has been completed and complies with the building development approval.

Under the regulation (section 76) the appointed competent person (inspections) may accept and rely on a certificate (Form 12) from another appointed competent person (inspections) without inspecting the work. Although this can only be done if the inspection was carried out in accordance with best industry practice.

### Other relevant inspection / aspect forms

**Aspect work – assessable building work: Form 43 – Aspect certificate (completed by a QBCC licensee)** - for aspect work for a single detached class 1a building and class 10 buildings and structures .

**Aspect work not subject to a building development approval - accepted development (self-assessable): Form 30 – (completed by a QBCC licensee)** - given to either the builder or the owner of the building, stating the subject aspect work complies with the relevant provisions, standards and codes.

**Stages of work: Form 16 – Inspection certificate (completed by a building certifier or competent person)** for a stage of work.

**Building design – specification: Form 15 – Compliance certificate for building design or specification (completed by a competent person (design – specification))** for an aspect of stating a building design – specification will, if installed or carried out to the detail under this Form will comply with the building assessment provisions.

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This form is to be used for the purposes of sections 74 and 77 of the Building Regulation 2021 (appointed competent person statement that an aspect of work has been completed and complies with the building development approval).

Information about how to complete this form is in the Appendix at the end of the form.

### 1. Indicate the aspect of the building work

Examples of aspects of the stage of building work (and not limited to the examples provided below):

waterproofing, tiling, glazing, energy efficiency, emergency lights, exit signs, smoke detection, air-conditioning.

Aspect of building work (indicate the aspect)

Install & certify penetrations through fire rated elements

### 2. Property description

The description must identify all land the subject of the application.

The lot and plan details (e.g. SP/RP) are shown on title documents or a rates notice.

If the plan is not registered by title, provide previous lot and plan details.

Street address 3 Archer Street

Suburb/locality Toowong

State QLD

Postcode

Lot and plan details (*attach list if necessary*)

Lot 2 on RP70716

Local government area the land is situated in

Brisbane City Council

### 3. Building/structure description

Building/structure description

Class of building/structure

Apartments

2

### 4. Description of the extent of aspect/s certified

Clearly describe the extent of work covered by this certificate, i.e. all structural aspects of the steel roof beams and location i.e. what floors the work was on, the parts of a room.

Protection of the Installations that penetrate fire rated elements in the building including:

Electrical services passing through Fire Rated walls and floors and treated with TBA Firefly Batts Wraps mastic and HP, and Promat Uni collars and Promat AN Sealant to maintain FRL of up to -/120/120

## 5. Basis of certification

Detail the basis for giving the certificate and the extent to which tests, specifications, rules, standards, codes of practice and other publications were relied upon.

The Building Code of Australia 2019 and all relevant Australian Standards including (but not limited to) AS1530.4 2014, AS 4072.1 2005

Promat Report FCO 2458 & 45821, TBA Report RIR 27186-30, RIR 23671-05

## 6. Reference documentation

Clearly identify any relevant documentation, e.g. numbered structural engineering plans.

A1 Passive Fire Penetration Register 6980 for penetration numbers Basement 001 to L15-004

Qld Electrical Registers 1 to 6

## 7. Building certifier reference number and building development approval number

Building certifier's name  
(in full)

Building certifier reference  
number

Development approval  
number

## 8. Details of appointed competent person

Name (in full)

**Adam Vine**

Company name (if applicable)

**A1 Passive Fire Pty Ltd**

Contact person

**Adam Vine**

Business phone number

**07 3900 7103**

Mobile

**0434 483 480**

Email address

**adamv@a1passivefire.com.au**

Postal address

**PO Box 1436**

Suburb/locality

**Capalaba**

State

QLD

Postcode

4157

Licence class or registration  
type (if applicable)

Passive Fire Protection

Licence class or registration  
number (if applicable)

15031719

Date request to inspect received  
from building certifier

Click or tap to enter a date.

## 9. Signature of appointed competent person

Signature		Date	14/03/2023
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### LOCAL GOVERNMENT USE ONLY

Date received	Click or tap to enter a date.	Reference number/s	
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### Appendix – explanatory information

**IMPORTANT NOTE:** a competent person who knowingly or reasonably suspects the information they are giving to the building certifier is false or misleading, including the information contained in this certificate (Form 12), commits an offence and is liable to a maximum penalty of 100 penalty units.

**When is this certificate needed?** (sections 10 of the *Building Act 1975* (Building Act) and 75 of Building Regulation 2021 (BR 2021))

When performing a building certification function, a building certifier may accept and rely on **an aspect inspection certificate** from an appointed competent person to satisfy themselves that an aspect of work has been completed and complies with the building development approval.

For a single detached class 1a building a building certifier can only accept this form for an aspect of work that is for

- boundary clearance if the appointed competent person is a cadastral surveyor, and,
- the reinforcement of footing systems if the appointed competent person is the appropriate registered professional engineer.

For further information about inspections for detached class 1a and 10 buildings or structures, refer to **Guideline for inspections of class 1 and 10 buildings and structures**.

**Who can sign this certificate (Form 12)?** (Part 9, Division 2, Section 74 of the BR 2021)

A person assessed and appointed as a competent person (inspections) must complete the approved form (Form 12) and give it to the building certifier after they (1) inspect the aspect of work; and (2) are satisfied the aspect of work has been completed and complies with the building development approval.

**Competent person** (section 10 Part 6 of the BR 2021)

A building certifier must assess and decide to appoint an individual as a competent person before they can, as a competent person, give inspection help or design-specification help. The building certifier is required to keep detailed records about what was considered when appointing a competent person.

A competent person cannot give inspection help to a building certifier until they have been appointed by the building certifier. For further information about assessment of someone as a competent person refer to the **Guideline for the assessment of competent persons**.

**Inspection help** (section 34 of the BR 2021)

A building certifier must be satisfied that an individual is competent to give the type of inspection help having regard to the individual's experience, qualifications and skills and if required by law to hold a licence or registration, that the individual is appropriately registered or licensed.

For further information about conducting inspections for class 2 to 9 buildings, refer to the **Guideline for inspection of class 2 to 9 buildings**.

### How to complete this form

#### Section 1 – Aspect of building work

An aspect of building work means a component of a stage of the building work, for example water proofing. A stage of assessable building work (requires a building development approval) is a stage of the work, prescribed by regulation, that may be inspected, or stated in a building development approval by the relevant building certifier.

## **Section 2 – Property description**

The property description must identify all the land the subject of the application. The lot and plan details (e.g. SP/RP) can be found on title documents or a rates notice. If the plan is not registered by title, provide previous lot and plan details.

## **Section 3 – Building / structure description**

Describe the type of building or structures and provide the classification determined under the National Construction Code (NCC). The NCC can be accessed at the Australian Building Codes Board's website.

## **Section 4 – Describe the extent or location of the aspect work inspected.**

Clearly describe the extent of work covered by this certificate, i.e. all structural aspects of the steel roof beams and location i.e. what floors the work was on, the parts of a room.

## **Sections 5 – Basis for the certification and section 6 Reference documentation (section 77 of BR 2021)**

The appointed competent person (inspections) must state the basis for giving the certificate (Form 12) including the extent to which the competent person has relied on tests, specifications, rules, standards, codes of practice or other publications to make their decision that the aspect of work has been completed and complies with the building development approval.

Under the regulation (section 76) the appointed competent person (inspections) may accept and rely on a certificate (Form 12) from another appointed competent person (inspections) without inspecting the work. Although this can only be done if the inspection was carried out in accordance with best industry practice.

## **Other relevant inspection / aspect forms**

**Aspect work – assessable building work: Form 43 – Aspect certificate (completed by a QBCC licensee)** for aspect work for a single detached class 1a building and class 10 buildings and structures.

**Aspect work not subject to a building development approval - accepted development (self-assessable): Form 30 – (completed by a QBCC licensee)** given to either the builder or building owner of the building, stating the subject aspect work complies with the relevant provisions, standards and codes.


**Stages of work: Form 16 – Inspection certificate (completed by a building certifier or competent person)** for a stage of work.






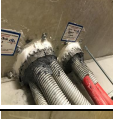


**Building design – specification: Form 15 – Compliance certificate for building design or specification (completed by the appointed competent person (design – specification))** - for an aspect of stating a building design – specification will, if installed or carried out to the detail under this Form will comply with the building assessment provisions.

For all other building forms and guidelines visit the [Business Queensland website](#).

## **PRIVACY NOTICE**




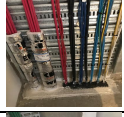



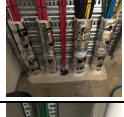


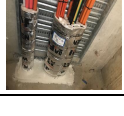
The Department of Energy and Public Works is collecting personal information as required under the *Building Act 1975*. This information may be stored by the Department, and will be used for administration, compliance, statistical research and evaluation of building laws. Your personal information will be disclosed to other government agencies, local government authorities and third parties for purposes relating to administering and monitoring compliance with the *Building Act 1975*. Personal information will otherwise only be disclosed to third parties with your consent or unless authorised or required by law.

<b>Project Name:</b>	The Patterson	<b>Penetration Inspection</b>		
<b>Contact:</b>	Scott			
<b>Phone:</b>	0433 420 739			
<b>Address:</b>	3 Archer St Toowong, QLD4066	<b>Inspector:</b>	TIM PAYNE	
<b>Class:</b>	Class 2	<b>QBCC Lic #</b>	1503 1719	
<b>Notes:</b>		<b>Date</b>	14/03/2023	
<b>31 Neumann Rd Capalaba Q.4157 Phone: 07 3823 4644</b>				

Peno No	Location	Photo	FRL	Barrier Type	Construction	Opening Size	Penetration Type	Method Used	Manufacturer	Product	Compliant	Comments
Basement 001	Underneath electrical riser		-/120/120	CEILING	CONCRETE	90mm	CABLEBUNDLE	UNICOLLAR & GRAFTEX	PROMAT	P- UNICOLLAR, GRAFTEX & MASTIC	YES	14/3/23
Basement 002	Underneath electrical riser		-/120/120	CEILING	CONCRETE	90mm	CABLEBUNDLE	UNICOLLAR & GRAFTEX	PROMAT	P- UNICOLLAR, GRAFTEX & MASTIC	YES	14/3/23
Basement 003	Underneath electrical riser		-/120/120	CEILING	CONCRETE	90mm	CABLEBUNDLE	UNICOLLAR & GRAFTEX	PROMAT	P- UNICOLLAR, GRAFTEX & MASTIC	YES	14/3/23
Basement 004	Underneath electrical riser		-/120/120	CEILING	CONCRETE	90mm	CABLEBUNDLE	UNICOLLAR & GRAFTEX	PROMAT	P- UNICOLLAR, GRAFTEX & MASTIC	YES	14/3/23
Basement 005	Underneath electrical riser		-/120/120	CEILING	CONCRETE	90mm	HOLE	BATT & MASTIC	PROMAT	P- BULK-HEAD BATT & MASTIC	YES	14/3/23
Basement 006	Underneath electrical riser		-/120/120	CEILING	CONCRETE	90mm	HOLE	BATT & MASTIC	PROMAT	P- BULK-HEAD BATT & MASTIC	YES	14/3/23
Basement 007	Underneath electrical riser		-/120/120	CEILING	CONCRETE	90mm	HOLE	BATT & MASTIC	PROMAT	P- BULK-HEAD BATT & MASTIC	YES	14/3/23
L04- 001	Mech riser 2		-/120/120	FLOOR	CONCRETE	25	CONDUIT	BATT & MASTIC	TBA	TBA - BATT & MASTIC	YES	



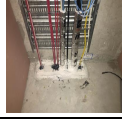
Pen No	Location	Photo	FRL	Barrier Type	Construction	Opening Size	Penetration Type	Method Used	Manufacturer	Product	Compliant	Comments
L04-002	Mech riser		-/120/120	FLOOR	CONCRETE	25	CONDUIT	BATT & MASTIC	TBA	TBA - BATT & MASTIC	YES	
L04-003	Elec riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	
L04-004	Comms riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - HP/MASTIC	YES	
L05-001	Mech riser		-/120/120	FLOOR	CONCRETE	25	CABLEBUNDLE	BATT & MASTIC	TBA	TBA - HP/MASTIC	YES	
L05-002	Mech riser 2		-/120/120	FLOOR	CONCRETE	25	CONDUIT	BATT & MASTIC	TBA	TBA - BATT & MASTIC	YES	
L05-003	Electrical riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	28/2/23
L05-004	Comms riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	
L06-001	Mech riser		-/120/120	FLOOR	CONCRETE	2 x 25mm	CABLEBUNDLE	BATT & MASTIC	TBA	TBA - HP/MASTIC	YES	
L06-002	Mech riser 2		-/120/120	FLOOR	CONCRETE	25	CONDUIT	BATT & MASTIC	TBA	TBA - BATT & MASTIC	YES	Out of at floor level
L06-003	Electrical riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	23/2/23
L06-004	Comms riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	



Pen No	Location	Photo	FRL	Barrier Type	Construction	Opening Size	Penetration Type	Method Used	Manufacturer	Product	Compliant	Comments
L07-001	Mech riser		-/120/120	FLOOR	CONCRETE	2 x 25mm	CABLEBUNDLE	BATT & MASTIC	TBA	TBA - HPMASTIC	YES	
L07-002	Mech riser 2		-/120/120	FLOOR	CONCRETE	25	CONDUIT	BATT & MASTIC	TBA	TBA - HPMASTIC	YES	
L07-003	Electrical riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	24/2/23
L07-004	Comms riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	HP
L08-001	Mech riser		-/120/120	FLOOR	CONCRETE	2 x 25mm	CABLEBUNDLE	BATT & MASTIC	TBA	TBA - HPMASTIC	YES	
L08-002	Mech riser 2		-/120/120	FLOOR	CONCRETE	25	CONDUIT	BATT & MASTIC	TBA	TBA - HPMASTIC	YES	
L08-003	Electrical riser		-/120/120	WALL	CONCRETE	150x600	FIRE PIPE	BATT & WRAP	TBA	TBA - WRAP & MASTIC	YES	24/2/23
L08-004	Comms riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	Hp
L09-001	Mech riser		-/120/120	FLOOR	CONCRETE	25	CABLEBUNDLE	BATT & MASTIC	TBA	TBA - HPMASTIC	YES	
L09-002	Mech riser 2		-/120/120	FLOOR	CONCRETE	25	CABLEBUNDLE	HPMASTIC	TBA	TBA - HPMASTIC	YES	
L09-003	Electrical riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC		



Peno No	Location	Photo	FRL	Barrier Type	Construction	Opening Size	Penetration Type	Method Used	Manufacturer	Product	Compliant	Comments
L09-004	Comms riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	HP
L10-001	Mech riser		-/120/120	FLOOR	CONCRETE	25	CABLEBUNDLE	BATT & MASTIC	TBA	TBA - HP/MASTIC	YES	
L10-002	Electrical riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	28/2/23
L10-003	Comms riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	HP
L11-001	Mech riser		-/120/120	FLOOR	CONCRETE	25	CABLEBUNDLE	BATT & MASTIC	TBA	TBA - HP/MASTIC	YES	
L11-002	Mech riser 2		-/120/120	FLOOR	CONCRETE	25	CONDUIT	BATT & MASTIC	TBA	TBA - WRAP & MASTIC	YES	
L11-003	Electrical riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	28/2/23
L11-004	Comms riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	HP
L12-001	Mech riser		-/120/120	FLOOR	CONCRETE	25	CABLEBUNDLE	BATT & MASTIC	TBA	TBA - HP/MASTIC	YES	
L12-002	Mech riser 2		-/120/120	FLOOR	CONCRETE	25	CABLEBUNDLE	BATT & MASTIC	TBA	TBA - BATT & HP/MASTIC	YES	
L12-003	Electrical riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	128/2/23

Pen No	Location	Photo	FRL	Barrier Type	Construction	Opening Size	Penetration Type	Method Used	Manufacturer	Product	Compliant	Comments
L12- 004	Comms riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	HP
L13- 001	Mech riser		-/120/120	FLOOR	CONCRETE	25	CABLEBUNDLE	HPMASTIC	TBA	TBA - HPMASTIC	YES	
L13- 002	Mech riser 2		-/120/120	FLOOR	CONCRETE	25	CONDUIT	BATT & MASTIC	TBA	TBA - BATT & MASTIC	YES	
L13- 003	Electrical riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	28/2/23
L13- 004	Comms riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & MASTIC	TBA	TBA - BATT & HPMASTIC	YES	
L14- 001	Mech riser		-/120/120	FLOOR	CONCRETE	25	CABLEBUNDLE	HPMASTIC	TBA	TBA - HPMASTIC	YES	
L14- 002	Mech riser		-/120/120	FLOOR	CONCRETE	25	HOLE	HPMASTIC	TBA	TBA - HPMASTIC	YES	
L14- 003	Mech riser 2		-/120/120	FLOOR	CONCRETE	25	CONDUIT	BATT & MASTIC	TBA	TBA - WRAP & MASTIC	YES	
L14- 004	Electrical riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	28/2/23
L14- 005	Comms riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	HP mastic
L15- 001	Mech riser		-/120/120	FLOOR	CONCRETE	25	CABLEBUNDLE	HPMASTIC	TBA	TBA - HPMASTIC	YES	

Pen No	Location	Photo	FRL	Barrier Type	Construction	Opening Size	Penetration Type	Method Used	Manufacturer	Product	Compliant	Comments
L15- 002	Mech riser 2		-/120/120	FLOOR	CONCRETE	2 x 25mm	CONDUIT	BATT & MASTIC	TBA	TBA - BATT & MASTIC	YES	
L15- 003	Electrical riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT, WRAP, COAT & MASTIC	YES	28/2/23
L15- 004	Comms riser		-/120/120	FLOOR	CONCRETE	150x600	CABLEBUNDLE	BATT & WRAP	TBA	TBA - BATT & HP/MASTIC	YES	

## 8 TEST RESULTS

The following tests have been undertaken and results included within this manual:

Project Address:			15 archer street Toowong							Job Number:									
Switchboard Location:			Unit 401 test sheet							Job Complete?								Yes	
C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test $\Omega$	Insul. Resis. Phase. To Phase. Where Required M $\Omega$	Insul. Resis. Phase. To Neutral where required M $\Omega$	Insul. Resis. Neutral To Earth M $\Omega$	Insul. Resis. Phase To Earth M $\Omega$	Operations & Polarity Test P/F	RCD. Test where applicable mS	Loop Impedance Tested where applicable $\Omega$	C/B Size	C/B Type Zs Ohms			Safe to Energise		
				<input type="checkbox"/>	$\Omega$	M $\Omega$	M $\Omega$	M $\Omega$	M $\Omega$	P/F	mS	$\Omega$		B	C	D	YES	NO	
3	1.5		Lights	<input checked="" type="checkbox"/>	.21		<200	<200	<200	P	.24		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4	2.5		Power 1	<input checked="" type="checkbox"/>	.22		<200	<200	<200	P	.24		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6	2.5		Power 2	<input checked="" type="checkbox"/>	.2		<200	<200	<200	P	.27		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
7	2.5		Oven	<input checked="" type="checkbox"/>	.17		<200	<200	<200	P	.23		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8	1.5		Aircon	<input checked="" type="checkbox"/>	.26		<200	<200	<200	P	.25		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Additional Circuits - attached Test Sheet?				No															
Rubbish & Off cuts Removed?				Yes				Testing Complete?			Yes								
I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.																			
Tradesperson Licence No:			166366				Communications Licence No:												
Signature:							Print Name:			Pat lyndon			Date:		21.10.22				

<b>Project Address:</b>		<b>Job Number:</b>	
<b>Switchboard Location:</b>		<b>Job Complete?</b>	

C/B No	Cable Size	Circuit No	Destination	Visual Check ü	Earth Continuity Test Ω	Insul. Resis. Phase. To Phase. Where Required MΩ	Insul. Resis. Phase. To Neutral where required MΩ	Insul. Resis. Neutral To Earth MΩ	Insul. Resis. Phase To Earth MΩ	Operations & Polarity Test P/F	RCD. Test where applicable mS	Loop Impedance Tested where applicable ü	C/B Size	B	C	D	Safe to Energise YES NO	

Additional Circuits - attached Test Sheet?

Rubbish & Off cuts Removed?  Testing Complete?

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No:	Communications Licence No:	
--------------------------	----------------------------	--


Signature:		Print Name:		Date:	
------------	---	-------------	--	-------	--

Project Address:			15 archer street Toowong						Job Number:								
Switchboard Location:			Unit 403 test sheet						Job Complete?								



C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase. To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				ü	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	ü		B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	.24		<200	<200	<200	P	.16		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	.21		<200	<200	<200	P	.23		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	.17		<200	<200	<200	P	.21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	.24		<200	<200	<200	P	.2		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	.21		<200	<200	<200	P	.2		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Additional Circuits - attached Test Sheet?	No		
Rubbish & Off cuts Removed?	Yes		
Testing Complete?	Yes		



I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.



Tradesperson Licence No:	166366	Communications Licence No:	
Signature:		Print Name:	Pat lyndon
		Date:	21.10.22



Project Address:			15 archer street Toowong							Job Number:								
Switchboard Location:			Unit 404 test sheet							Job Complete?								Yes
C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test $\Omega$	Insul. Resis. Phase. To Phase. Where Required $M\Omega$	Insul. Resis. Phase. To Neutral where required $M\Omega$	Insul. Resis. Neutral To Earth $M\Omega$	Insul. Resis. Phase To Earth $M\Omega$	Operations & Polarity Test P/F	RCD. Test where applicable $mS$	Loop Impedance Tested where applicable $\Omega$	C/B Size	C/B Type Zs Ohms B C D			Safe to Energise YES NO	
	1.5	1	Lights	<input checked="" type="checkbox"/>	.21		<200	<200	<200	P	.23		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	2.5	2	Power 1	<input checked="" type="checkbox"/>	.27		<200	<200	<200	P	.21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	2.5	3	Steam oven	<input checked="" type="checkbox"/>	.23		<200	<200	<200	P	.22		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	1.5	4	Aircon	<input checked="" type="checkbox"/>	.18		<200	<200	<200	P	.17		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	2.5	5	Power	<input checked="" type="checkbox"/>	.2		<200	<200	<200	P	.19		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	2.5	6	Wall oven	<input type="checkbox"/>	.19		<200	<200	<200	P	.22		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	6	7	Induction cock top	<input type="checkbox"/>	.22		<200	<200	<200	P	.17		32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional Circuits - attached Test Sheet?				No														
Rubbish & Off cuts Removed?				Yes				Testing Complete?				Yes						
I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.																		
Tradesperson Licence No:			166366				Communications Licence No:											
Signature:							Print Name:			Pat lyndon			Date:			21.10.22		

Project Address:			15 archer street Toowong							Job Number:								
Switchboard Location:			Unit 405 test sheet							Job Complete?								
C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test $\Omega$	Insul. Resis. Phase. To Phase. Where Required M $\Omega$	Insul. Resis. Phase. To Neutral where required M $\Omega$	Insul. Resis. Neutral To Earth M $\Omega$	Insul. Resis. Phase To Earth M $\Omega$	Operations & Polarity Test P/F	RCD. Test where applicable mS	Loop Impedance Tested where applicable $\Omega$	C/B Size	C/B Type Zs Ohms B C D			Safe to Energise YES NO	
	1.5	1	Lights	<input checked="" type="checkbox"/>	.21		<200	<200	<200	P	.27		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	2.5	2	Power 1	<input checked="" type="checkbox"/>	.25		<200	<200	<200	P	.21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	2.5	3	Power 2	<input checked="" type="checkbox"/>	.2		<200	<200	<200	P	.26		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	2.5	4	Oven	<input checked="" type="checkbox"/>	.15		<200	<200	<200	P	.24		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	1.5	5	Aircon	<input checked="" type="checkbox"/>	.23		<200	<200	<200	P	.25		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	6	6	Induction cook top	<input checked="" type="checkbox"/>	.22		<200	<200	<200	P	.26		32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional Circuits - attached Test Sheet?				No														
Rubbish & Off cuts Removed?				Yes				Testing Complete?				Yes						
I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.																		
Tradesperson Licence No:			166366			Communications Licence No:												
Signature:						Print Name:			Pat lyndon			Date:			21.10.22			

Project Address:			15 archer street Toowong							Job Number:									
Switchboard Location:			Unit 406 test sheet							Job Complete?								Yes	
C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test Ω	Insul. Resis. Phase. To Phase. Where Required MΩ	Insul. Resis. Phase. To Neutral where required MΩ	Insul. Resis. Neutral To Earth MΩ	Insul. Resis. Phase To Earth MΩ	Operations & Polarity Test P/F	RCD. Test where applicable mS	Loop Impedance Tested where applicable ü	C/B Size	C/B Type Zs Ohms B C D			Safe to Energise YES NO		
				ü	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	ü		B	C	D	YES	NO	
3	1.5		Lights	<input checked="" type="checkbox"/>	.01		<200	<200	<200	P	.21		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4	2.5		Power 1	<input checked="" type="checkbox"/>	.017		<200	<200	<200	P	.23		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6	2.5		Power 2	<input checked="" type="checkbox"/>	.022		<200	<200	<200	P	.27		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
7	2.5		Oven	<input checked="" type="checkbox"/>	.018		<200	<200	<200	P	.21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8	1.5		Aircon	<input checked="" type="checkbox"/>	.023		<200	<200	<200	P	.25		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Additional Circuits - attached Test Sheet?				No															
Rubbish & Off cuts Removed?				Yes				Testing Complete?			Yes								
I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.																			
Tradesperson Licence No:			166366			Communications Licence No:													
Signature:						Print Name:			Pat lyndon			Date:		21.10.22					

Project Address:			15 archer street Toowong								Job Number:							
Switchboard Location:			Unit 501 test sheet								Job Complete?							
C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase. To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				ü	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	ü		B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	.17		<200	<200	<200	P	.21		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	.2		<200	<200	<200	P	.24		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	.22		<200	<200	<200	P	.27		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	.17		<200	<200	<200	P	.22		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	.25		<200	<200	<200	P	.26		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional Circuits - attached Test Sheet?				No														
Rubbish & Off cuts Removed?				Yes				Testing Complete?				Yes						
I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.																		
Tradesperson Licence No:			166366				Communications Licence No:											
Signature:							Print Name:			Pat lydon			Date:			21.10.22		

**Project Address:**

**Job Number:**



**Switchboard Location:**

**Job Complete?**

C/B No	Cable Size	Circuit No	Destination	Visual Check i	Earth Continuity Test Ω	Insul. Resis. Phase To Phase. Where Required MΩ	Insul. Resis. Phase. To Neutral where required MΩ	Insul. Resis. Neutral To Earth MΩ	Insul. Resis. Phase To Earth MΩ	Operations & Polarity Test P/F	RCD. Test where applicable mS	Loop Impedance Tested where applicable i	C/B Size	B	C	D	Safe to Energise YES NO	

Additional Circuits - attached Test Sheet?

Rubbish & Off cuts Removed?

Testing Complete?

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No:

Communications Licence No:

Signature: 

Print Name:

Date:

Date:

<b>Project Address:</b>	15 archer street Toowong	<b>Job Number:</b>	
<b>Switchboard Location:</b>	Unit 503 test sheet	<b>Job Complete?</b>	Yes





C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase. To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				ü	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	ü		B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	.23		<200	<200	<200	P	.21		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	.27		<200	<200	<200	P	.21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	.18		<200	<200	<200	P	.22		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	.17		<200	<200	<200	P	.22		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	.25		<200	<200	<200	P	.24		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet?	No	Testing Complete?	Yes
Rubbish & Off cuts Removed?	Yes		

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No:	166366	Communications Licence No:	
Signature:		Print Name:	Pat lyndon
		Date:	22.10.22

Project Address:			15 archer street Toowong							Job Number:									
Switchboard Location:			Unit 504 test sheet							Job Complete?									Yes
C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase. To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise		
				ü	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	ü		B	C	D	YES	NO	
3	1.5		Lights	<input checked="" type="checkbox"/>	.24		<200	<200	<200	P	.20		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4	2.5		Power 1	<input checked="" type="checkbox"/>	.22		<200	<200	<200	P	.25		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6	2.5		Power 2	<input checked="" type="checkbox"/>	.26		<200	<200	<200	P	.22		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
7	2.5		Oven	<input checked="" type="checkbox"/>	.17		<200	<200	<200	P	.27		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8	1.5		Aircon	<input checked="" type="checkbox"/>	.19		<200	<200	<200	P	.23		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Additional Circuits - attached Test Sheet?				No															
Rubbish & Off cuts Removed?				Yes				Testing Complete?				Yes							
I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.																			
Tradesperson Licence No:			166366				Communications Licence No:												
Signature:							Print Name:			Pat lyndon				Date:		22.10.22			

<b>Project Address:</b>	15 archer street Toowong	<b>Job Number:</b>	
<b>Switchboard Location:</b>	Unit 505 test sheet	<b>Job Complete?</b>	Yes



C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase. To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				ü	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	ü		B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	.25		<200	<200	<200	P	.22		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	.17		<200	<200	<200	P	.22		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	.22		<200	<200	<200	P	.27		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	.19		<200	<200	<200	P	.25		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	.25		<200	<200	<200	P	.20		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet?	No	Testing Complete?	Yes
Rubbish & Off cuts Removed?	Yes		

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No:	166366	Communications Licence No:	
Signature:		Print Name:	Pat lyndon
		Date:	22.10.22



<b>Project Address:</b>	15 archer street Toowong	<b>Job Number:</b>	
<b>Switchboard Location:</b>	Unit 506 test sheet	<b>Job Complete?</b>	Yes







C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase. To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				ü	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	ü		B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	.2		<200	<200	<200	P	.23		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	.18		<200	<200	<200	P	.21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	.25		<200	<200	<200	P	.26		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	.16		<200	<200	<200	P	.23		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	.24		<200	<200	<200	P	.26		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Additional Circuits - attached Test Sheet?	No	Testing Complete?	Yes
Rubbish & Off cuts Removed?	Yes		



I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No:	166366	Communications Licence No:	
Signature:		Print Name:	Pat lyndon
		Date:	22.10.22

Project Address:			15 archer street Toowong							Job Number:								
Switchboard Location:			Unit 601 test sheet							Job Complete?								Yes
C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test $\Omega$	Insul. Resis. Phase. To Phase. Where Required M $\Omega$	Insul. Resis. Phase. To Neutral where required M $\Omega$	Insul. Resis. Neutral To Earth M $\Omega$	Insul. Resis. Phase To Earth M $\Omega$	Operations & Polarity Test P/F	RCD. Test where applicable mS	Loop Impedance Tested where applicable $\Omega$	C/B Size	C/B Type Zs Ohms B C D			Safe to Energise YES NO	
3	1.5		Lights	<input checked="" type="checkbox"/>	.18		<200	<200	<200	P	.24		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	.17		<200	<200	<200	P	.18		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	.19		<200	<200	<200	P	.19		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	.25		<200	<200	<200	P	.17		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	.18		<200	<200	<200	P	.22		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	6		Induction cooktop	<input checked="" type="checkbox"/>	.21		<200	<200	<200	P	.25		32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional Circuits - attached Test Sheet?				No														
Rubbish & Off cuts Removed?				Yes				Testing Complete?				Yes						
I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.																		
Tradesperson Licence No:			166366			Communications Licence No:												
Signature:						Print Name:			Pat lyndon			Date:			26.10.22			

Project Address:														Job Number:					
Switchboard Location:														Job Complete?					
C/B No	Cable Size	Circuit No	Destination	Visual Check ü	Earth Continuity Test Ω	Insul. Resis. Phase. To Phase. Where Required MΩ	Insul. Resis. Phase. To Neutral where required MΩ	Insul. Resis. Neutral To Earth MΩ	Insul. Resis. Phase To Earth MΩ	Operations & Polarity Test P/F	RCD. Test where applicable mS	Loop Impedance Tested where applicable ü	C/B Size	B	C	D	Safe to Energise		
																	YES	NO	
Additional Circuits - attached Test Sheet?																			
Rubbish & Off cuts Removed?																			
Testing Complete?																			
<p>I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act &amp; Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.</p>																			
Tradesperson Licence No:				Communications Licence No:															
Signature:				Print Name:					Date:										

Project Address:			15 archer street Toowong								Job Number:							
Switchboard Location:			Unit 603 test sheet								Job Complete?							
C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test $\Omega$	Insul. Resis. Phase. To Phase. Where Required M $\Omega$	Insul. Resis. Phase. To Neutral where required M $\Omega$	Insul. Resis. Neutral To Earth M $\Omega$	Insul. Resis. Phase To Earth M $\Omega$	Operations & Polarity Test P/F	RCD. Test where applicable ms	Loop Impedance Tested where applicable $\Omega$	C/B Size	C/B Type Zs Ohms B C D			Safe to Energise YES NO	
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	1.5		Lights	<input checked="" type="checkbox"/>	.23		<200	<200	<200	P	.21		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	.26		<200	<200	<200	P	.18		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	.18		<200	<200	<200	P	.26		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	.19		<200	<200	<200	P	.24		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	.22		<200	<200	<200	P	.19		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional Circuits - attached Test Sheet?				No														
Rubbish & Off cuts Removed?				Yes				Testing Complete?				Yes						
I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.																		
Tradesperson Licence No:			166366				Communications Licence No:											
Signature:							Print Name:			Pat lyndon			Date:			26.10.22		

Project Address:			15 archer street Toowong							Job Number:									
Switchboard Location:			Unit 604 test sheet							Job Complete?								Yes	
C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test $\Omega$	Insul. Resis. Phase. To Phase. Where Required $M\Omega$	Insul. Resis. Phase. To Neutral where required $M\Omega$	Insul. Resis. Neutral To Earth $M\Omega$	Insul. Resis. Phase To Earth $M\Omega$	Operations & Polarity Test P/F	RCD. Test where applicable $mS$	Loop Impedance Tested where applicable $\Omega$	C/B Size	C/B Type Zs Ohms B C D			Safe to Energise YES NO		
3	1.5		Lights	<input checked="" type="checkbox"/>	.2		<200	<200	<200	P	.21		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4	2.5		Power 1	<input checked="" type="checkbox"/>	.19		<200	<200	<200	P	.18		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6	2.5		Power 2	<input checked="" type="checkbox"/>	.18		<200	<200	<200	P	.26		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
7	2.5		Oven	<input checked="" type="checkbox"/>	.20		<200	<200	<200	P	.21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8	2.5		Steam oven	<input checked="" type="checkbox"/>	.23		<200	<200	<200	P	.19		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
9	1.5		Aircon	<input checked="" type="checkbox"/>	.24		<200	<200	<200	P	.17		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
10	6		Induction cook top	<input checked="" type="checkbox"/>	.17		<200	<200	<200	P	.20		32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Additional Circuits - attached Test Sheet?				No															
Rubbish & Off cuts Removed?				Yes				Testing Complete?			Yes								
I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.																			
Tradesperson Licence No:			166366				Communications Licence No:												
Signature:							Print Name:			Pat lyndon			Date:		26.10.22				

<b>Project Address:</b>	15 archer street Toowong	<b>Job Number:</b>	
<b>Switchboard Location:</b>	Unit 605 test sheet	<b>Job Complete?</b>	Yes



C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase. To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				ü	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	ü		B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	.24		<200	<200	<200	P	.23		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	.2		<200	<200	<200	P	.27		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	.27		<200	<200	<200	P	.25		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	.19		<200	<200	<200	P	.23		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	.24		<200	<200	<200	P	.22		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet?	No	Testing Complete?	Yes
Rubbish & Off cuts Removed?	Yes		

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No:	166366	Communications Licence No:	
Signature:		Print Name:	Pat lyndon
		Date:	26.10.22

<b>Project Address:</b>	15 archer street Toowong	<b>Job Number:</b>	
<b>Switchboard Location:</b>	Unit 606 test sheet	<b>Job Complete?</b>	Yes



C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase. To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				ü	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	ü		B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	.24		<200	<200	<200	P	.20		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	.19		<200	<200	<200	P	.27		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	.23		<200	<200	<200	P	.23		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	.17		<200	<200	<200	P	.25		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	.23		<200	<200	<200	P	.22		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet?	No	Testing Complete?	Yes
Rubbish & Off cuts Removed?	Yes		

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No:	166366	Communications Licence No:	
Signature:		Print Name:	Pat lyndon
		Date:	22.10.22

Project Address:

Job Number:



Switchboard Location:

Job Complete?

C/B No	Cable Size	Circuit No	Destination	Visual Check ü	Earth Continuity Test Ω	Insul. Resis. Phase To Phase Where Required MΩ	Insul. Resis. Phase To Neutral where required MΩ	Insul. Resis. Neutral To Earth MΩ	Insul. Resis. Phase To Earth MΩ	Operations & Polarity Test P/F	RCD. Test where applicable ms	Loop Impedance Tested where applicable ü	C/B Size	C/B Type Zs Ohms B C D			Safe to Energise YES NO		

Additional Circuits - attached Test Sheet?

Rubbish & Off cuts Removed? Testing Complete?

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No:	Communications Licence No:
--------------------------	----------------------------

Signature:		Print Name:	Date:
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Project Address:

15 archer street Toowong

Switchboard Location:

Unit 906 Test sheet

Job Number:

Job Complete?

Yes




C/B No	Cable Size	Circuit No	Destination	Visual Check u	Earth Continuity Test D	Insul. Resist. Phase To Phase Where Required MΩ	Insul. Resist. Phase To Neutral where required MΩ	Insul. Resist. Neutral To Earth MΩ	Insul. Resist. Phase To Earth MΩ	Operations & Polarity Test P/F	RCD Test where applicable mS	Loop Impedance Tested where applicable Ω	C/B Size	C/B Type Zs Ohms			Safe to Energise	
														B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	21		<200	<200	<200	P	27		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	17		<200	<200	<200	P	27		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	22		<200	<200	<200	P	22		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	18		<200	<200	<200	P	21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	19		<200	<200	<200	P	23		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>									32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet? No  
 Rubbish & Off cuts Removed? Yes

Testing Complete? Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/AC/FS009:2001.

Tradesperson Licence No: 166366  
 Signature: *Hydro*  
 Communications Licence No:  
 Print Name: Pat lyndon  
 Date: 30/11/22

Project Address:															Job Number:					
Switchboard Location:															Job Complete?					
C/B No	Cable Size	Circuit No	Destination	Visual Check ü	Earth Continuity Test Ω	Insul. Resis. Phase To Phase. Where Required MΩ	Insul. Resis. Phase. To Neutral where required MΩ	Insul. Resis. Neutral To Earth MΩ	Insul. Resis. Phase To Earth MΩ	Operations & Polarity Test P/F	RCD. Test where applicable mS	Loop Impedance Tested where applicable ü	C/B Size	B	C	D	Safe to Energise YES NO			
Additional Circuits - attached Test Sheet?																				
Rubbish & Off cuts Removed?																				
				Testing Complete?																
<p>I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act &amp; Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.</p>																				
Tradesperson Licence No:				Communications Licence No:																
Signature:				Print Name:																



Project Address: 15 archer street Toowong

Job Number:

Switchboard Location: Unit 703 Test sheet

Job Complete? Yes

C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase To Phase, Where Required	Insul. Resis. Phase To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				a	D	MO	MO	MO	MO	P/F	MS	D		B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	18		<200	<200	<200	P	23		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	18		<200	<200	<200	P	23		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	21		<200	<200	<200	P	21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	21		<200	<200	<200	P	19		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	19		<200	<200	<200	P	18		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>									32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet? No  
 Rubbish & O/F cuts Removed? Yes Testing Complete? Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF3009-2001.

Tradesperson Licence No: 166366  
 Signature: *Pat Lydon*  
 Print Name: Pat Lydon  
 Date:



Project Address: 15 archer street Toowong      Job Number:

Switchboard Location: Unit 704 Test sheet      Job Complete? Yes

C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase To Phase Where Required	Insul. Resis. Phase To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
														B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	.23		<200	<200	<200	P	27		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	.19		<200	<200	<200	P	23		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	.18		<200	<200	<200	P	19		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	.21		<200	<200	<200	P	21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	.19		<200	<200	<200	P	20		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>									32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet? No      Rubbish & Off cuts Removed? Yes      Testing Complete? Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No: 166366      Communications Licence No:      Signature: *Pat Lydon*      Print Name: Pat Lydon      Date:



Project Address: 15 Archer Street Toowoong

Switchboard Location: Unit 705 Test street

Job Number:

Job Completed:

Yes

C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Res. Phase To Phase, Where Required	Insul. Res. Phase To Neutral where required	Insul. Res. Neutral To Earth	Insul. Res. Phase To Earth	Operations & Polarity Test	RCD Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Test In Ohms	Safe to Energise
3	1.5		Lights	<input checked="" type="checkbox"/>			<200	<200	<200	P	21		16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	23		<200	<200	<200	P	21		20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	21		<200	<200	<200	P	19		20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	2.5		Outlet	<input checked="" type="checkbox"/>	18		<200	<200	<200	P	18		20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8	1.5		Access	<input checked="" type="checkbox"/>	19		<200	<200	<200	P	23		16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Testing Completed: Yes

Verify that the electrical installation is in accordance with the electrical work that has been issued to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act 2002. For the use of the electrician only. Do not use for other purposes. For the use of the electrician only. Do not use for other purposes. For the use of the electrician only. Do not use for other purposes.

10/25/20

Handwritten signature

Paul Windsor

Project Address:

15 archer street Toowong

Job Number:



Switchboard Location:

Unit 706 Test sheet

Job Complete?

Yes

C/B No	Cable Size	Circuit No.	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase To Phase Where Required		Insul. Resis. Phase To Neutral where required	Insul. Resis. Neutral To Earth		Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
						Ω	Ω		Ω	Ω						Ω	B	C	D	YES
3	1.5		Lights	<input checked="" type="checkbox"/>	23			<200	<200	<200	P	23		16		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	18			<200	<200	<200	P	21		20		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	18			<200	<200	<200	P	18		20		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	17			<200	<200	<200	P	17		20		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	22			<200	<200	<200	P	17		16		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>										32		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet?

No

Rubbish &amp; Off cuts Removed?

Yes

Testing Complete?

Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No:

166366

Communications Licence No:

Signature:

Print Name:

Pat Lyndon

Date:

Project Address:

15 archer street Toowong

Job Number:



Switchboard Location:

Unit 801 Test sheet

Job Complete?

Yes

C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase. To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
														B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	21		<200	<200	<200	P	22		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	18		<200	<200	<200	P	21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	25		<200	<200	<200	P	18		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	23		<200	<200	<200	P	23		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	19		<200	<200	<200	P	18		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	6		Induction cooktop	<input checked="" type="checkbox"/>	17		<200	<200	<200	P	21		32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet? No

Rubbish & Off cuts Removed? Yes Testing Complete? Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF009:2001.

Tradesperson Licence No: 166366  
 Signature: *Pat Lyndon*  
 Communications Licence No:  
 Print Name: Pat Lyndon  
 Date:

<b>Project Address:</b>		<b>Job Number:</b>	
<b>Switchboard Location:</b>		<b>Job Complete?</b>	



C/B No	Cable Size	Circuit No	Destination	Visual Check i	Earth Continuity Test Ω	Insul. Resis. Phase. To Phase. Where Required MΩ	Insul. Resis. Phase. To Neutral where required MΩ	Insul. Resis. Neutral To Earth MΩ	Insul. Resis. Phase To Earth MΩ	Operations & Polarity Test P/F	RCD. Test where applicable mS	Loop Impedance Tested where applicable i	C/B Size	B	C	D	Safe to Energise YES NO	

Additional Circuits - attached Test Sheet?	
Rubbish & Off cuts Removed?	Testing Complete?

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No:	Communications Licence No:	
Signature:	Print Name:	Date:



Project Address:

15 archer street Toowong

Job Number:



Switchboard Location:

Unit 803 Test sheet

Job Complete?

Yes

C/B No	Cable Size	Circuit No	Description	Visual Check		Earth Continuity Test		Insul. Resist. Phase To Phase Where Required		Insul. Resist. Phase To Neutral where required		Insul. Resist. Neutral To Earth		Insul. Resist. Phase To Earth		Operations & Polarity Test	RCD Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				a	b	a	b	MO	MO	MO	MO	P/F	mS	a	B					C	D	YES	NO	
5	1.5		Lights	<input checked="" type="checkbox"/>		17		<200	<200	<200	P	18		16		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4	2.5		Power 1	<input checked="" type="checkbox"/>		19		<200	<200	<200	P	17		20		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6	2.5		Power 2	<input checked="" type="checkbox"/>		24		<200	<200	<200	P	21		20		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
7	2.5		Oven	<input checked="" type="checkbox"/>		25		<200	<200	<200	P	20		20		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8	1.5		Aircon	<input checked="" type="checkbox"/>		17		<200	<200	<200	P	21		16		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
				<input checked="" type="checkbox"/>										32		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	

Additional Circuits - attached Test Sheet?

No

Switchboard Off-circuits Remedied?

Yes

Testing Complete?

Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Registration Number:

166366

Communications License No:

Signature:

Print Name:

Pat Lyndon

Date:

Project Address:

15 archer street Toowong

Job Number:

Switchboard Location:

Unit 804 Test sheet

Job Complete?

Yes



C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase To Phase Where Required	Insul. Resis. Phase To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				u	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	u		B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	21		<200	<200	<200	P	23		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	24		<200	<200	<200	P	21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	17		<200	<200	<200	P	17		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	19		<200	<200	<200	P	18		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	20		<200	<200	<200	P	18		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>									32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet?

No

Rubbish &amp; Off cuts Removed?

Yes

Testing Complete?

Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No:

166366

Communications Licence No:

Signature:

Print Name:

Pat lyndon

Date:

Project Address: 15 archer street Toowong

Job Number:



Switchboard Location: Unit 805 Test sheet

Job Complete? Yes

C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase. To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
														B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	17		<200	<200	<200	P	21		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	21		<200	<200	<200	P	21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	23		<200	<200	<200	P	19		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	19		<200	<200	<200	P	17		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	21		<200	<200	<200	P	21		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>									32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet? No  
 Rubbish & Off cuts Removed? Yes      Testing Complete? Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF009:2001.

Trade/person Licence No: 166366      Communications Licence No:  
 Signature: *Pat Lyndon*      Print Name: Pat Lyndon      Date:

Project Address:

15 archer street Toowong

Job Number:



Switchboard Location:

Unit 306 Test sheet

Job Complete?

Yes

C/B No	Cable Size	Circuit No	Description	Visual Check	Earth Continuity Test	Insul. Resist. Phase To Phase Where Required	Insul. Resist. Phase To Neutral Where Required	Insul. Resist. Neutral To Earth	Insul. Resist. Phase To Earth	Operations & Polarity Test	RCD Test where applicable	Loop Impedance Test where applicable	C/B Size	C/B Type & Others			Safe to Energise	
				U	D	MO	MO	MO	MO	P/P	mS	Ω	A	C	D	YES	NO	
3	1.5		Lights	<input checked="" type="checkbox"/>	19		<200	<200	<200	P	22		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	21		<200	<200	<200	P	21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	20		<200	<200	<200	P	18		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	19		<200	<200	<200	P	19		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	23		<200	<200	<200	P	18		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>									32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test sheet?

No

Rubbish &amp; Off cuts Removed?

Yes

Testing Complete?

Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIR5009:2001.

Registration Licence No:

166366

Communications Licence No:

Signature:

Handwritten signature of Pat Lyndon in black ink.

Print Name:

Pat Lyndon

Date:



Project Address:

15 archer street Toowong

Job Number:

Switchboard Location:

Unit 901 Test sheet

Job Complete?

Yes

C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resist. Phase To Phase Where Required	Insul. Resist. Phase To Neutral where required	Insul. Resist. Neutral To Earth	Insul. Resist. Phase To Earth	Operations & Polarity Test	RCD Test where applicable	Loop Impedance Tested where applicable	C/B Size	B	C	D	YES	NO
				u	D	MΩ	MΩ	MΩ	MΩ	P/F	mS	u						
3	1.5		Lights	<input checked="" type="checkbox"/>	21		<200	<200	<200	P	17		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	23		<200	<200	<200	P	21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	12		<200	<200	<200	P	19		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	17		<200	<200	<200	P	22		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	19		<200	<200	<200	P	24		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>									32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet? No

Rubbish & Off cuts Removed? Yes

Testing Complete? Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF009:2001.

Tradesperson Licence No: 166366  
 Communications Licence No: \_\_\_\_\_

Signature: *Pat Lydon*  
 Print Name: Pat Lydon  
 Date: 30/11

Project Address:

Job Number:



Switchboard Location:

Job Complete?

C/B No	Cable Size	Circuit No	Destination	Visual Check i	Earth Continuity Test Ω	Insul. Resis. Phase. To Phase. Where Required MΩ	Insul. Resis. Phase. To Neutral where required MΩ	Insul. Resis. Neutral To Earth MΩ	Insul. Resis. Phase To Earth MΩ	Operations & Polarity Test P/F	RCD. Test where applicable mS	Loop Impedance Tested where applicable i	C/B Size	C/B Type Zs Ohms B C D			Safe to Energise YES NO		

Additional Circuits - attached Test Sheet?

Rubbish & Off cuts Removed? Testing Complete?

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No: Communications Licence No:

Signature:  Print Name: Date:

Project Address:

15 archer street Toowong

Job Number:



Switchboard Location:

Unit 903 Test sheet

Job Complete?

Yes

C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase To Phase Where Required	Insul. Resis. Phase To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				u	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	u		B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	.19		<200	<200	<200	P	23		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	.21		<200	<200	<200	P	21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	.24		<200	<200	<200	P	18		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	.17		<200	<200	<200	P	17		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	.16		<200	<200	<200	P	19		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>	.					.			32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>						.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet?  No

Rubbish & Off cuts Removed?  Yes

Testing Complete?  Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No: 166366

Signature: *Pat Lyndon*

Print Name: Pat Lyndon

Date: 30/11

Project Address:

15 archer street Toowong

Job Number:



Switchboard Location:

Unit 904 Test sheet

Job Complete?

Yes

C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resist. Phase To Phase. Where Required	Insul. Resist. Phase To Neutral where required	Insul. Resist. Neutral To Earth	Insul. Resist. Phase To Earth	Operations & Polarity Test	RCD Test where applicable	Loop Impedance Tested where applicable	C/B Size	B	C/B Type Zs Ohms	D	YES	NO
				$\Omega$	$\Omega$	M $\Omega$	M $\Omega$	M $\Omega$	M $\Omega$	P/F	mS	$\Omega$						
3	1.5		Lights	<input checked="" type="checkbox"/>	17		<200	<200	<200	P	23		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	18		<200	<200	<200	P	18		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	21		<200	<200	<200	P	21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Steam Oven	<input checked="" type="checkbox"/>	24		<200	<200	<200	P	24		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon <del>microw</del>	<input checked="" type="checkbox"/>	17		<200	<200	<200	P	17		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	6mm		Induction cooktop	<input checked="" type="checkbox"/>	18		<200	<200	<200	P	19		32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet?

No

Rubbish &amp; Off cuts Removed?

Yes

Testing Complete?

Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIR5009:2001.

Tradesperson Licence No:

166366

Communications' Licence No:

Signature:

Print Name:

Pat Lyndon

Date:

30/11



Project Address:

15 archer street Toowong

Switchboard Location:

Unit 905 Test sheet

Job Number:

Job Complete?

Yes



C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resist. Phase To Phase Where Required	Insul. Resist. Phase To Neutral where required	Insul. Resist. Neutral To Earth	Insul. Resist. Phase To Earth	Operations & Polarity Test	RCD Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				u	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	Ω		B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	17		<200	<200	<200	P	19		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	21		<200	<200	<200	P	21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	18		<200	<200	<200	P	24		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	25		<200	<200	<200	P	22		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	23		<200	<200	<200	P	19		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>									32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet?

No

Rubbish & Off cuts Removed?

Yes

Testing Complete?

Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication & Industry Wiring Rules technical standard AS/ACIF009:2001.

Tradesperson Licence No

166366

Communications Licence No:

Signature

*Pat Lyndon*

Printed Name:

Pat lyndon

Date:

30/11

Project Address:

Job Number:



Switchboard Location:

Job Complete?

C/B No	Cable Size	Circuit No	Destination	Visual Check ü	Earth Continuity Test Ω	Insul. Resis. Phase. To Phase. Where Required MΩ	Insul. Resis. Phase. To Neutral where required MΩ	Insul. Resis. Neutral To Earth MΩ	Insul. Resis. Phase To Earth MΩ	Operations & Polarity Test P/F	RCD. Test where applicable ms	Loop Impedance Tested where applicable ü	C/B Size	C/B Type Zs Ohms B C D			Safe to Energise YES NO	

Additional Circuits - attached Test Sheet?

Rubbish & Off cuts Removed? Testing Complete?

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No: Communications Licence No:

Signature:  Print Name: Date:

Project Address: 15 archer street Toowong

Job Number:



Switchboard Location: Unit 1003 Test sheet


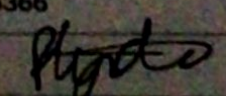
Job Complete? Yes

C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase To Phase Where Required	Insul. Resis. Phase To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD Test where applicable	Loop Impedance Tested where applicable	C/B Size	B	C	D	YES	NO
				u	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	Ω						
3	1.5		Lights	<input checked="" type="checkbox"/>	.17		<200	<200	<200	P	21		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	.21		<200	<200	<200	P	23		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	.23		<200	<200	<200	P	19		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	.19		<200	<200	<200	P	17		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	.20		<200	<200	<200	P	18		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>									32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet? No  
 Rubbish & Off cuts Removed? Yes Testing Complete? Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF009:2001.

Tradesperson Licence No: 166366  
 Signature: *Pat Lyndon*  
 Print Name: Pat Lyndon  
 Date: 16/12

Project Address:		15 archer street Toowong										Job Number:									
Switchboard Location:		Unit 1004 Test sheet										Job Complete?		Yes							
																					
C/B No	Cable Size	Circuit No	Description	Visual Check	Earth Continuity Test	Insul. Resist. Phase To Phase Where Required MO	Insul. Resist. Phase To Neutral where required MO	Insul. Resist. Neutral To Earth MO	Insul. Resist. Phase To Earth MO	Operations & Polarity Test P/F	RCD Test where applicable mS	Loop Impedance Test where applicable Ω	C/B Size	C/B Type As Others			Safe to Energise				
														B	C	D	YES	NO			
3	1.5		Lights	<input checked="" type="checkbox"/>	20		<200	<200	<200	P	23		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
4	2.5		Power 1	<input checked="" type="checkbox"/>	.17		<200	<200	<200	P	21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
6	2.5		Power 2	<input checked="" type="checkbox"/>	.19		<200	<200	<200	P	18		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
7	2.5		Oven	<input checked="" type="checkbox"/>	.23		<200	<200	<200	P	17		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
8	1.5		Aircon	<input checked="" type="checkbox"/>	.22		<200	<200	<200	P	18		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
				<input checked="" type="checkbox"/>									32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Additional Circuits - attached Test Sheet?				No																	
Rubbish & Off cuts Removed?				Yes																	
				Testing Complete?										Yes							
I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACI3009-2001.																					
Trade License No				166366										Communications License No							
Signature														Print Name				Pat Lyndon			
														Date		18/12					

Project Address: 15 archer street Toowong

Job Number:



Switchboard Location: Unit 1005 Test sheet

Job Complete? Yes

C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase To Phase Where Required	Insul. Resis. Phase To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				u	D	MΩ	MΩ	MΩ	MΩ	P/F	mS	u		B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	.17		<200	<200	<200	P	17		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	2.5		Power 1	<input checked="" type="checkbox"/>	.21		<200	<200	<200	P	17		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	2.5		Power 2	<input checked="" type="checkbox"/>	.19		<200	<200	<200	P	21		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	2.5		Oven	<input checked="" type="checkbox"/>	.20		<200	<200	<200	P	19		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	1.5		Aircon	<input checked="" type="checkbox"/>	.18		<200	<200	<200	P	20		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>									32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Circuits - attached Test Sheet? No  
 Rubbish & Off cuts Removed? Yes  
 Testing Complete? Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No: 166366  
 Signature: *Pat Lyndon*  
 Communications Licence No:  
 Print Name: Pat Lyndon  
 Date: 16/12

Project Address:

15 archer street Toowong

Switchboard Location:

Unit 1006 Test sheet

Job Number:

Job Complete?

Yes



C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase To Phase Where Required	Insul. Resis. Phase To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD Test where applicable	Loop Impedance Tested where applicable	C/B Size	B	C	D	YES	NO
3	1.5		Lights	<input checked="" type="checkbox"/>	24	<200	<200	<200	P	21		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4	2.5		Power 1	<input checked="" type="checkbox"/>	.21	<200	<200	<200	P	17		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6	2.5		Power 2	<input checked="" type="checkbox"/>	.20	<200	<200	<200	P	24		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
7	2.5		Oven	<input checked="" type="checkbox"/>	.17	<200	<200	<200	P	23		20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8	1.5		Aircon	<input checked="" type="checkbox"/>	.19	<200	<200	<200	P	19		16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
				<input checked="" type="checkbox"/>								32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Additional Circuits - attached Test Sheet?

No

Rubbish &amp; Off cuts Removed?

Yes

Testing Complete?

Yes

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No:

166366

Communications Licence No:

Signature:

Print Name:

Pat Lyndon

Date:

16/12

Project Address:

Job Number:



Switchboard Location:

Job Complete?

C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	B	C	D	Safe to Energise	
				Ω	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	Ω					YES	NO

Additional Circuits - attached Test Sheet?

Rubbish & Off cuts Removed?

Testing Complete?

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.



Tradesperson Licence No:

Communications Licence No:



Signature:


Print Name:

Date:

<b>Project Address:</b>														<b>Job Number:</b>									
<b>Switchboard Location:</b>														<b>Job Complete?</b>									
C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase. To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise						
				Ω	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	Ω		B	C	D	YES	NO					
<b>Additional Circuits - attached Test Sheet?</b>																							
<b>Rubbish &amp; Off cuts Removed?</b>																							
											<b>Testing Complete?</b>												
I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.																							
<b>Tradesperson Licence No:</b>															<b>Communications Licence No:</b>								
<b>Signature:</b>															<b>Print Name:</b>								
														<b>Date:</b>									




Project Address:			Job Number:															
Switchboard Location:			Job Complete?															
C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase To Phase. Where Required	Insul. Resis. Phase To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				Ω	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	Ω		B	C	D	YES	NO
Additional Circuits - attached Test Sheet?																		
Rubbish & Off cuts Removed?								Testing Complete?										
<p>I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act &amp; Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.</p>																		
Tradesperson Licence No:				Communications Licence No:														
Signature:				Print Name:							Date:							

Project Address:										Job Number:										
Switchboard Location:										Job Complete?										

C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase. To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				Ω	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	Ω		B	C	D	YES	NO

Additional Circuits - attached Test Sheet?		Testing Complete?	
Rubbish & Off cuts Removed?			

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No:		Communications Licence No:	
Signature:		Print Name:	
			Date:

Project Address:

Job Number:



Switchboard Location:

Job Complete?

C/B No	Cable Size	Circuit No	Destination	Visual Check ü	Earth Continuity Test Ω	Insul. Resis. Phase To Phase. Where Required MΩ	Insul. Resis. Phase. To Neutral where required MΩ	Insul. Resis. Neutral To Earth MΩ	Insul. Resis. Phase To Earth MΩ	Operations & Polarity Test P/F	RCD. Test where applicable mS	Loop Impedance Tested where applicable ü	C/B Size	B	C	D	Safe to Energise YES	NO



Additional Circuits - attached Test Sheet?

Rubbish & Off cuts Removed? Testing Complete?

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No: Communications Licence No:

Signature: [Handwritten Signature] Print Name: Date:

Project Address:			Job Number:																	
Switchboard Location:			Job Complete?																	
C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase. To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	B	C	D	YES	NO		
				Ω	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	Ω								
Additional Circuits - attached Test Sheet?																				
Rubbish & Off cuts Removed?								Testing Complete?												
I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.																				
Tradesperson Licence No:				Communications Licence No:																
Signature:								Print Name:											Date:	

Project Address:  
  
Switchboard Location:

Job Number:  
  
Job Complete?



C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase To Phase Where Required	Insul. Resis. Phase To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type	Zs Ohms	D		Safe to Energise	
				ü	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	ü		B	C	D	YES	NO	

Additional Circuits - attached Test Sheet?

Rubbish & Off cuts Removed? Testing Complete?

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No:		Communications Licence No:	
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Signature:		Print Name:		Date:	
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Project Address:

Switchboard Location:

Job Number:

Job Complete?



C/B No	Cable Size	Circuit No	Destination	Visual Check ü	Earth Continuity Test Ω	Insul. Resis. Phase. To Phase. Where Required MΩ	Insul. Resis. Phase. To Neutral where required MΩ	Insul. Resis. Neutral To Earth MΩ	Insul. Resis. Phase To Earth MΩ	Operations & Polarity Test P/F	RCD. Test where applicable mS	Loop Impedance Tested where applicable ü	C/B Size	B	C	D	YES	NO


Additional Circuits - attached Test Sheet?

Rubbish & Off cuts Removed?

Testing Complete?

I certify that the electrical installation to the extent it is affected by the electrical work has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Act & Regulation 2002. Also that any cabling work described below complies with the Australian Communication Industry Wiring Rules technical standard AS/ACIF5009:2001.

Tradesperson Licence No: \_\_\_\_\_ Communications Licence No: \_\_\_\_\_

Signature:  Print Name: \_\_\_\_\_ Date: \_\_\_\_\_

<b>Project Address:</b>		<b>Job Number:</b>	
<b>Switchboard Location:</b>		<b>Job Complete?</b>	



C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase. To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type	Zs Ohms	Safe to Energise		
				ü	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	ü		B	C	D	YES	NO

**Additional Circuits - attached Test Sheet?**

**Rubbish & Off cuts Removed?** **Testing Complete?**

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Signature:		Print Name:	
		Date:	

Project Address:  
Switchboard Location:

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C/B No	Cable Size	Circuit No	Destination	Visual Check Ω	Earth Continuity Test Ω	Insul. Resis. Phase To Phase. Where Required MΩ	Insul. Resis. Phase. To Neutral where required MΩ	Insul. Resis. Neutral To Earth MΩ	Insul. Resis. Phase To Earth MΩ	Operations & Polarity Test P/F	RCD. Test where applicable mS	Loop Impedance Tested where applicable Ω	C/B Size	C/B Type Zs Ohms B	C	D	Safe to Energise YES NO	

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Project Address:  
Switchboard Location:

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Job Complete?



C/B No	Cable Size	Circuit No	Destination	Visual Check i	Earth Continuity Test Ω	Insul. Resis. Phase To Phase. Where Required MΩ	Insul. Resis. Phase. To Neutral where required MΩ	Insul. Resis. Neutral To Earth MΩ	Insul. Resis. Phase To Earth MΩ	Operations & Polarity Test P/F	RCD. Test where applicable mS	Loop Impedance Tested where applicable i	C/B Size	C/B Type Zs Ohms B C D			Safe to Energise YES NO		

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				ü	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	ü								

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Project Address:

Job Number:



Switchboard Location:

Job Complete?


C/B No	Cable Size	Circuit No	Destination	Visual Check	Earth Continuity Test	Insul. Resis. Phase. To Phase. Where Required	Insul. Resis. Phase. To Neutral where required	Insul. Resis. Neutral To Earth	Insul. Resis. Phase To Earth	Operations & Polarity Test	RCD. Test where applicable	Loop Impedance Tested where applicable	C/B Size	C/B Type Zs Ohms			Safe to Energise	
				Ω	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	Ω		B	C	D	YES	NO

Additional Circuits - attached Test Sheet?

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				Ω	Ω	MΩ	MΩ	MΩ	MΩ	P/F	mS	Ω					YES	NO

Additional Circuits - attached Test Sheet?		Testing Complete?	
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