

Certifier's Name Troy Morris

Licence N° 33542

## INSTALLATION ADDRESS

Consumer's Name ASSIS/ AGED CARE STAGE 2

Number/Lot/Street 230 ROSANNA RD

Town/Suburb ROSANNA

Post Code 3084

Consumer Phone

Compliance Cert. N°

10981095

Compliance Cert. PIN

2661

Remember you can lodge two ways:

1. Online using eToolbox at [www.pic.vic.gov.au](http://www.pic.vic.gov.au)
2. Through the IVR phone system 1300 365 900

## DATE OF COMPLETION OF PLUMBING WORK

9/9/13

## BELOW GROUND SANITARY DRAINS

Please tick this box to confirm you have lodged an 'as-laid' property drainage plan with the relevant Water Agency (where a drainage plan is required by that agency). 221ZO Building Act 1993.

Where a "Consent to Connect/Alter" underground sanitary drainage or install recycled water (dual pipe) systems is required to be sought from a Water Agency, please provide the consent number below.

## WATER AGENCY 'CONSENT TO CONNECT' NO.

12041020707

## VALUE OF PLUMBING WORK

Please tick the box that represents the appropriate value of plumbing work. (Include the cost of materials and appliances regardless of whether they were purchased from you or not) Rule a line through the others.

Less Than \$750 ☐

\$1000 - \$4999 ☐

\$750 - \$999 ☐

Above \$5000 ☒

Tick to identify the type of work completed:

DOMESTIC ☐

NON-DOMESTIC ☒

## INSTALLATION DATA

Circle appropriate number/s and insert any installation/appliance/fixture details in the Installation Details section:

ROOF PLUMBING (incl above ground stormwater drain)	0
SANITARY PLUMBING	1
SEPTIC TANK INSTALLATION	2
DRAINAGE (below ground sewer)	3
DRAINAGE (below ground stormwater)	4
COLD WATER PLUMBING	5
HOT WATER PLUMBING	6
MECHANICAL SERVICES (includes duct fixing)	7
BACKFLOW PREVENTION (medium & high risk only)	8
RESIDENTIAL & DOMESTIC FIRE SPRINKLER SYSTEMS	90
GREY OR RECYCLED WATER	91
GASFITTING (natural gas type A installation)	92
GASFITTING (LPG type A installation)	93
GASFITTING (other types of gases)	94
FIRE PROTECTION	95
IRRIGATION	96
REFRIGERATED AIR-CONDITIONING	97
SOLAR INSTALLATION	98
RAINWATER TANK INSTALLATION	99

## INSTALLATION DETAILS (eg. scope of work undertaken, appliance name, appliance type, serial number, etc.)

STAGE 2  
SEWER DRAINS  
SANITARY DRAINS  
STORMWATER  
WATER SERVICE  
TMV

HOT WATER PLANT  
FIT OFF  
FIRE HYDRANTS / HOSE REELS


I certify that the above plumbing work complies in all respects with the plumbing laws as defined in Part 12A of the Building Act 1993. Please tick as appropriate:

The plumbing work was carried out by me or under my supervision. ☒

I have inspected and tested the work started by another licensed practitioner. Any necessary further work was carried out by me or under my supervision. ☐

Certifier's Signature

Date

  
9/9/13

Note: A misstatement of fact, including an omission, is an offence under the Building Act.

**IMPORTANT NOTE TO PRACTITIONERS** This certificate must be given to the owner/consumer (or if issued to a building practitioner or person other than the consumer, then that person must give it to the consumer) within 5 days of receipt.

**IMPORTANT NOTE TO CONSUMERS** Information in this Certificate has been given to the Plumbing Industry Commission in accordance with the requirements of, and for possible use to assist the Commission in monitoring and enforcing compliance with, the Building Act 1993. The Commission may not be able to properly perform its statutory functions if that information is not collected. The Commission also uses the information for statistical purposes in a way that does not identify consumers. At [www.pic.vic.gov.au](http://www.pic.vic.gov.au) you may view the details of this Certificate by using the Certificate Number and PIN Number in the top right corner of this Certificate, and also view the Commission's Privacy Policy. All work subject to a Compliance Certificate carries insurance to protect the consumer against defective work by a plumbing practitioner. You should retain your Certificate for six years as evidence of your cover.



# ifirefighter

## Commission Report by Instant Firefighter P/L

### Stage 2 - Fire Hydrant System Upgrade

Address: 230 Rosanna Rd, Rosanna

Site: Stage 2 - St Francis Assisi House, Aged Care Facility

Report Number: 13760

Date: 4/9/2013

Results: **Compliant**

Fire hydrant pressure and flow was 360 kPa @ 10.2 L/s

When operated the isolation valve isolated the fire hydrant system from the town's main reticulated water supply.

The hydrostatic test recorded a flow loss of zero L/m  
The friction loss recorded in the fire service was 130 kPa

**Tests were performed in accordance with AS 2419.1  
2005**

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Phone/Fax 03 9766 3535. Mobile # 0408 536 520.  
Website: [www.ifirefighter.com.au](http://www.ifirefighter.com.au)  
A.B.N. 62 079 795 298. A.C.N. 079 795 298.

**Signed**

Ray Costello Director, Instant Firefighter P/L  
trading as ifirefighter.

## Stage 2 - Fire Hydrant System Upgrade



**1. Address:** 230 Rosanna Rd, Rosanna

**2. Fire Authority:** MFB

**3. Water Supply:**

Grade: Grade 3

System: Boosted (assisted)

The water supply is feed via: Town's main reticulated water supply

**4. Fire Hydrant System:**

Sluice valve: n/a

Materials used: Galvanised (GWI) rolled grooved pipe

Diameter of pipe: 100mm

Upgraded Fire service consists of: Attack Fire Hydrants & Isolation Valves

Number of fire hydrants: 3

**5. Equipment Inspected:**

**Isolation Valves:**

Primary: Wheel handle isolation valve located at the fire hydrant booster assembly.

Secondary: Sluice Valve

Check Valve: At the hydrant booster assembly

**Upgrade Hydrant/s:**

External: 0

Internal: 3

The type of Milcock connections: Storz, Single

**Existing Hydrant Booster:**

Located: Facing Rosanna Rd, inside a cut out in the front fence.

Approximately 50 meters left of the main drive way entrance

Type of connection: Dual , Stortz head

**Upgraded Block plan:**

Inside a pipe sleeve attached to the booster assembly.

## Stage 2 - Fire Hydrant System Upgrade



### **6. Fire Hydrant Pressure & Flow results:**

The static pressure recorded was: 660 kPa  
The residual pressure of the upgraded Stage 2, Most  
Disadvantaged fire Hydrant (MDH) was: 360 kPa  
MDH located: at the North East corner of Stage 2, on level 1.

The results indicate that when tested through a single head fire  
hydrant riser the required pressure (350 kpa) and flow was  
achieved (10 L/s).

The flow test was recorded using a 22mm nozzle opening.

The residual pressure and flow recorded was 360kpa @ 10.2 L/s  
in accordance with AS 2419.1 2005

When operated the isolation valve isolated the fire hydrant system  
from the town's main reticulated water supply.

The fire hydrant system was pressurised at the booster and  
achieved 700 kPa at the MDH.

Comments: The upgrade to stage 2 superseded the most  
disadvantaged fire hydrant of the existing system.

## Stage 2 - Fire Hydrant System Upgrade



### **7. Hydrostatic Tests:**

The fire service was isolated from the Town's main reticulated water supply by the primary isolation valve

The static pressure of 660 kPa in the fire hydrant service was hydrostatically increased to 1400 kPa for a period of 2 hours.

During the hydrostatic test, a metered flow loss of zero L/m was recorded. This is consistent with the BCC Practise Note Guide Line No 38 (Maximum allowable flow is 15 L/m).

The test was commenced at 7.15am and completed by 10.15am

Comments: Passed, exiting pipe work in the system is only suitable to be pressurised to 1400 kPa.

### **8. Pump Appliance Test:**

The fire service was tested for friction loss thru the fire hydrant booster connector to the MDH located at the North East corner of Stage 2, on level 1.

The fire hydrant service with the addition and use of a mobile pump was increased to a residual pressure of 860 kPa at the hydrant booster.

Simultaneously the residual flow pressure at the MDH fire hydrant recorded 700 kPa.

The total friction loss recorded was 130 kPa (Note: 30 kPa friction loss reductions are allowed thru the hydrant booster connections).

Comments: Passed

## Stage 2 - Fire Hydrant System Upgrade



### 9. Comments:

This site is still under construction and will terminate on the completion of Stage 3. This report is relative to Stage 2 only

Previous commission of Stage 1 – The Instant Firefighter report # 12283.

### 10. Recommendations:

Nil

### 11. Tested:

This inspection covers the items specified in AS 2419.1 2005, in conjunction with Australian Standard 3500.1.2

### 12. Compliance:

At the time of inspection it is hereby certified that the fore mentioned firefighting equipment was found to be installed & capable of operating, in accordance with the requirements of the standard recognised when this fire hydrant system was installed, AS 2419.1 2005.

### 13. Inspection & Test: 4/9/2013

Inspection & Tests performed by Ray Costello & Trent Costello-Manning, Instant Firefighter P/L

Register Technician Accredited and Certified MFB/CFA/AFSPAB  
REG: PIC No 13,915 expiry 12/09/2014

Yours faithfully,  
Ray Costello  
ifirefighter





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ABN: 91 097 699 226

29/8/13

Buxton Constructions  
Salmon St  
Port Melbourne 3207

**PROJECT:** Assisi Aged Care – Stage 2

**RE:** Fire Services

Daryl,

The Fire System including hydrants and hose reels installed as part of the Assisi Aged Care – Stage 1, is in compliance with Part J, of the B.C. A.

All Slab penetrations have been sealed with an approved sealant and fitted with approved fire collars to manufactures recommendations. See attached Spec and data sheets for product information

Regards

A handwritten signature in black ink, appearing to be "Troy Morris", written over the word "Regards".

Troy Morris