

**From:** Fire Safety  
**Sent:** 27 Sep 2018 15:50:50 +1000  
**To:** Corporate Email  
**Subject:** Letter Out - Inspection Report - Cotton Beach - 685-707 Casuarina Way  
Casuarina - Tweed Shire Council  
**Attachments:** Letter Out - Inspection Report - Cotton Beach - 685-707 Casuarina Way  
Casuarina - Tweed Shire Council.pdf

Attn: **Manager Compliance / Fire Safety**

In accordance with Schedule 5, Part 6, Section 12 of the *Environmental Planning and Assessment Act 1979*, please find attached a copy of the Notice/ Order issued on the above-named premises.

If you have any further queries regarding this matter, please contact the Fire Safety Branch on 9742 7434 quoting your reference number.

Regards



**Administration Officer**

FIRE SAFETY ADMINISTRATION UNIT  
COMMUNITY SAFETY DIRECTORATE  
T: 02 9742 7434  
E: [firesafety@fire.nsw.gov.au](mailto:firesafety@fire.nsw.gov.au)  
1 Amarina Ave, Greenacre, NSW 2190  
Locked Mail Bag 12, Greenacre, NSW 2190  
[www.fire.nsw.gov.au](http://www.fire.nsw.gov.au)



---

---

---

**FRNSW CONFIDENTIALITY NOTICE AND DISCLAIMER**

The information in this transmission may be confidential and/or protected by legal professional privilege, and is intended only for the person or persons to whom it is addressed. If you are not the intended recipient of this message you must not read, forward, print, copy, disclose, use or store in any way the information in this e-mail or any attachment it may contain. Please notify the sender immediately and delete or destroy all copies of this e-mail and any attachment it may contain.

Views expressed in the message are those of the individual sender, and are not necessarily the views of Fire & Rescue NSW. Use of electronic mail is subject to FRNSW policy and

guidelines. FRNSW reserves the right to filter, inspect, copy, store and disclose the contents of electronic mail messages, as authorised by law.

This message has been scanned for viruses.

---



File Ref. No: BFS18/312 (2673)  
TRIM Ref. No: D18/68677  
Contact: Mark Knowles

27 September 2018

General Manager  
Tweed Shire Council  
PO Box 816  
MURWILLUMBAH NSW 2484

Email: [tsc@tweed.nsw.gov.au](mailto:tsc@tweed.nsw.gov.au)

Attention: Manager Compliance/Fire Safety

Dear Sir / Madam

**Re: INSPECTION REPORT  
"COTTON BEACH"  
685-707 CASUARINA WAY, CASUARINA ("the premises")**

Pursuant to the provisions of Section 119T (1) of the *Environmental Planning and Assessment Act 1979* (EP&A Act), an inspection of 'the premises' on 7 February 2018 was conducted by Authorised Fire Officers from the Fire Safety Compliance Unit of FRNSW.

Please be advised that the inspection for 'the premises' was conducted prior to the amendments of the *Environmental Planning and Assessment Act 1979* (EP&A Act) on 1 March 2018. As such, all references to the relevant sections in this report are provided prior to the amendments of the EP&A Act.

The inspection was limited to the following:

- A visual inspection of the essential Fire Safety Measures as identified in this report only.
- A conceptual overview of the building, where an inspection had been conducted without copies of the development consent or copies of the approved floor plans.

On behalf of the Commissioner of FRNSW, the following comments are provided for your information in accordance with Section 119T (4) and Section 121ZD (1) of the EP&A Act. Please be advised that Section 121ZD (2) requires any report or recommendation from the Commissioner of FRNSW to be tabled at a Council meeting.

## COMMENTS

Please be advised that this report is not an exhaustive list of non-compliances and the items listed outline deviations from the National Construction Code Volume One 2016 Building Code of Australia (NCC) which may contradict development consent approval or correlate to the building's age. In this regard, it is Council's discretion as the appropriate regulatory authority to conduct its own investigation and consider the most appropriate course of action.

The following items were identified as concerns at the time of inspection:

### 1. Essential Fire Safety Measures

#### 1A. The Automatic Smoke Detection and Alarm System:

- a) Fire Indicator Panel (FIP) – The automatic smoke detection and alarm system did not appear to be capable of operating to the standard of performance from when it was first designed and installed in contravention with the requirements of Clause 182 of the Environmental Planning and Assessment Regulation 2000 (EP&A Regulation). The following issues were identified as concerns at the time of inspection.
  - i. The FIP was displaying "Alarm" - Zone L1D52: unnamed point.
  - ii. The FIP was displaying "Isolate" = External Bell.

#### 1B. Fire Hydrant System – The following comments are provided having regard to Australian Standard (AS) 2419.1.2005:

- a) Storz couplings, compatible with FRNSW firefighting hose connections were not provided to all fire hydrant valves throughout the premises, contrary to the requirements of Clause 3.1 and 8.5.11.1 of AS 2419.1–2005, and Clauses 1.2 and 3.4 of AS 2419.2–2009.
- b) The hydrant booster assembly:
  - i. Boost pressure and test pressure signage was not provided at the booster assembly, contrary to the requirements of Clause 7.10.1 of AS 2419.1-2005.
  - ii. The doors to the booster enclosure were not fitted with a device capable of securing the door in not less than a 90° open position, contrary to the requirements of Clause 7.9.2 of AS 2419.1-2005.

1C. Sprinkler System – The following comments are provided having regard to Australian Standard (AS) 2118.1-1999:

- a) A plan of risk (block plan) is not provided adjacent to the sprinkler booster assembly, contrary to the requirements of Clause 8.3 of AS2118.1-1999.
- b) A complete stock of spare sprinklers and spanner had not been provided at the sprinkler control valves, contrary to the requirements of Clause 6.7 of AS 2118.1-1999.
- c) A 500mm clear space is not being maintained below the level of the sprinkler deflectors throughout the storage cage areas in the carpark levels, contrary to the requirements of Clause 5.4.8 of AS2118.1-1999.

1D. Exit signs:

- a) Multiple exit signs throughout 'the premises' were not illuminated and had not maintained, contrary to the requirements of Clause 182 of the EP&A Regulation.
- b) Multiple exit signs in the basement level were covered and the exit strategy appeared to have been modified as a result. In this regard, the following exit signs were covered at the time of the inspection:
  - i. The exit sign adjacent to the security shutter.
  - ii. The exit sign adjacent to the gymnasium.
- c) It was evident that there were areas/parts within the carpark levels, where the direction to the required exits was not readily apparent. In some instances, exit signs and directional exit signs were obstructed by services, including but not limited to PVC plumbing pipes, sprinkler pipes and electrical cable trays. Additional directional exit signs may be required throughout the carpark level, such that an exit sign or directional exit sign is clearly visible from all parts, in accordance with Clause E4.5 and NSW E4.6 of the NCC.

1E. Annual Fire Safety Statement (AFSS) – A copy of the current AFSS was not prominently displayed within the building in accordance with Clause 177 of the EP&A Regulation.

## FIRE SAFETY ORDER NO. 6

FRNSW inspecting officers issued a Notice of Intention to Serve an Order (Order No. 6) dated 8 February 2018, in accordance with the provisions of Section 121H of the EP&A Act, to have item no.1A(a) and item 1B(a) of this report rectified.

Following the Notice of Intention to Serve an Order, FRNSW determined to issue an Order No. 6, dated 20 February 2018, in accordance with the provisions of Section 121B of the EP&A Act. In accordance with the provisions of Section 121ZE of the EP&A Act, a copy of the Order is attached for your information. FRNSW has conducted further inspections of the building to assess compliance with the terms of this Order.

In this regard, FRNSW does not consider Council is required to take action in relation to item no. 1A(a) and item 1B(a) of this report.

## RE-INSPECTION

Pursuant to the provisions of Section 119T(1)(b) of the EP&A Act and Clause 189(a) of the EP&A Regulation, an inspection of 'the premises' on 30 April 2018 was conducted by Authorised Fire Officers from the Fire Safety Compliance Unit of FRNSW.

At the time of the inspection, the terms of 'the order' issued on 'the premises' were compliant. Please be advised that 'the order' is not an exhaustive list of non-compliances, it is at Council's discretion to inspect and address any other deficiencies identified on 'the premises'.

## RECOMMENDATIONS

FRNSW recommends that Council:

- a. Inspect and address any other deficiencies identified on 'the premises', and require item no. 1B(b) through to item no. 1E of this report be addressed appropriately.

This matter is referred to Council as the appropriate regulatory authority. FRNSW therefore awaits Council's advice regarding its determination in accordance with Section 1217D (4) of the EP&A Act.

Should you have any enquiries regarding any of the above matters, please do not hesitate to contact Mark Knowles of FRNSW's Fire Safety Compliance Unit on (02) 9742 7434. Please ensure that you refer to file reference BFS18/312 (2673) for any future correspondence in relation to this matter.

Yours faithfully



Mark Knowles  
Building Surveyor  
Fire Safety Compliance Unit

Attachment: [Appendix 1 – Fire Safety Order dated 20 February 2018 – 3 pages]

Unclassified



# Fire Safety Order

Under the *Environmental Planning and Assessment Act 1979*  
Part 6 - *Implementation and Enforcement: Division 2A – Orders*  
Tables to Section 121B: Order No. 6 – Fire Safety Order

Please note:

- Pursuant to Section 121ZK (2) of the *Environmental Planning & Assessment Act 1979 (EP&A Act)*, there is no right of appeal against this Order.
- Failure to comply with this Order may result in further Orders and/or fines being issued.
- Substantial penalties may be imposed under Section 125 of the *EP&A Act* for failure to comply with an Order.

I, **Mark Knowles** **Building Surveyor** **904279**  
(name) (rank) (number)

being an authorised Fire Officer within the meaning of Section 121ZC of the *Environmental Planning and Assessment Act 1979*, and duly authorised for the purpose, hereby order you

**The Owners of Strata Plan 81047** **Owner**  
(name of person whom Order is served) (position) i.e. owner, building manager)

with respect to the premise

**'COTTON BEACH'**  
**685-707 CASUARINA WAY, CASUARINA ("the premises")**  
(name/address of premises to which Order is served)

to do, or refrain from doing, the following things:

1. Maintain the fire hydrant and fire sprinkler systems installed for the building on 'the premises' to the standard listed in the Annual Fire Safety Statement (AFSS), by installing "Storz" hose connections that are compatible with Fire & Rescue NSW (FRNSW) fire-fighting equipment.
2. All "Storz" hose connections:
  - a. Are to be installed to all fire hydrant and fire sprinkler systems installed for fire fighting operations in the building on 'the premises'.
  - b. Complying with NEN 3374:1971 are to be manufactured in aluminium OR copper alloy using forged processes, OR stainless steel using investment casting.

Unclassified

Fire & Rescue NSW	ABN 12 593 473 110	www.fire.nsw.gov.au
Community Safety Directorate Fire Safety Compliance Unit	Locked Bag 12 Greenacre NSW 2190	T (02) 9742 7434 F (02) 9742 7483
firesafety@fire.nsw.gov.au	Page 1	© Copyright State Govt NSW



FIRE AND RESCUE NSW	ABN 12 593 473 110	www.fire.nsw.gov.au
Community Safety Directorate Fire Safety Compliance Unit	1 Amarina Ave, Greenacre NSW 2190	T (02) 9742 7434 F (02) 9742 7483
firesafety@fire.nsw.gov.au	Unclassified	Page 5 of 7



- c. For booster inlets are to be permanently fitted with a Storz 65mm permanent coupling complying with NEN 3374:1971 fitting H coupling having 2½ inch external gas thread.
  - d. On fire hydrant valves shall be male Fire Brigade Thread (FBT) semi-permanently fitted with a female FBT Storz adapter.
3. Submit certification from the manufacturer that certifies that the "Storz" couplings installed to comply with items 1 and item 2 above complies with NEN 3374:1971.
4. Remove the 'Alarm' and 'Ext Bell Isolate' which was displayed on the Fire Indicator Panel (FIP).

**The terms of the Order are to be complied with:**

By no later than close of business on **13 March 2018**.

**The reasons for the issue of this Order are:**

- a. To ensure that the fire hydrant and fire sprinkler systems meets the operational requirements of Fire and Rescue NSW, in the event of a fire at 'the premises'.
- b. Maintaining the fire hydrant and fire sprinkler systems:
  - i. Safeguards occupants from illness or injury while evacuating during a fire.
  - ii. Provides facilities for the FRNSW to undertake fire-fighting operations
- c. The installation of complying Storz couplings:
  - i. Safeguards against the spread of fire and allows occupants time to evacuate safely without being overcome by the effects of fire.
  - ii. Allows FRNSW with the necessary equipment to undertake timely search, rescue, and fire-fighting operations.
- d. The installation of Storz couplings ensures the essential fire safety measures that have been installed to actively protect the building from fire are maintained to the standard listed on the AFSS.
- e. Failure to install Storz couplings is likely to delay FRNSW in the timely search, rescue, and fire-fighting operations.





Unclassified

- f. At the time of the inspection on 7 February 2018, the FIP was displaying the following
- i. 'Alarm' - Zone L1D52: unnamed point
  - ii. 'Isolate' - External Bell
- g. To ensure that the automatic smoke detection and alarm system and/or fire sprinkler system is capable to operating in accordance with the standard of performance it was designed and installed to.

This Order No. 6 was sent by mail and email on 20 February 2018.



Mark Knowles  
Building Surveyor  
Fire Safety Compliance Unit

Unclassified

Fire & Rescue NSW

ABN 12 593 473 110

[www.fire.nsw.gov.au](http://www.fire.nsw.gov.au)

Community Safety Directorate  
Fire Safety Compliance Unit

Locked Bag 12  
Greenacre NSW 2190

T (02) 9742 7434  
F (02) 9742 7483

[firesafety@fire.nsw.gov.au](mailto:firesafety@fire.nsw.gov.au)

Page 3

© Copyright State Govt NSW



FIRE AND RESCUE NSW

ABN 12 593 473 110

[www.fire.nsw.gov.au](http://www.fire.nsw.gov.au)

Community Safety Directorate  
Fire Safety Compliance Unit

1 Amarina Ave,  
Greenacre NSW 2190

T (02) 9742 7434  
F (02) 9742 7483

[firesafety@fire.nsw.gov.au](mailto:firesafety@fire.nsw.gov.au)

Unclassified

Page 7 of 7

