

STANDARD FORM FOR UPGRADING EXISTING STRUCTURES FOR CYCLONES

(Design Criteria : AS 1170 Part 2 Current Edition)

STANDARD FORM FOR INSURANCE

REF: 08 / 02 / 12532

NOTES:

* THIS REPORT FORM IS IN THREE SECTIONS

SECTION 1 and 2

To be filled out at the time of first inspection.

SECTION 3

To be filled out at the time when the Engineer considers the property to have been satisfactorily upgraded, or of a standard that needs no further upgrading.

* IT IS IMPORTANT TO NOTE THAT THE BUILDING MAY NOT BE CONSIDERED AS BEING UPGRADED OR OF SUFFICIENT CYCLONE RESISTANCE UNLESS SECTION 3 IS COMPLETED. **SECTION 3 IS FOUND ON PAGE 3 AND WILL ONLY BE PROVIDED ONCE THE BUILDING IS DEEMED COMPLIANT.**

* PURPOSE OF INSPECTION: TO ESTABLISH DEFICIENCIES AND RECOMMEND REMEDIAL ACTION TO MAKE GOOD DEFICIENCIES WITHIN REASON WITH A VIEW TO MINIMISING FUTURE CYCLONE DAMAGE.

SECTION 1 – DESCRIPTION

1.1 BUILDING OWNER: Mitch & Lynn Clement (Guest House)

1.2 PROPERTY DESCRIPTION (Please Insert Land Title No.): 12 / 05 23/ 069

1.3 LOCATION MAP: (on Page 3)

1.4 STRUCTURE: Concrete block building with colorsteel roof.

1.5 REGION: C Tropical Cyclones

1.6 TERRAIN CATEGORY: 2

1.7 BUILDING DIMENSIONS:	Length (m)	Width (m)	Height (m)
	13.5	13.2	3.5

1.8 PRESSURE COEFFICIENT:	External Roof	(Cpe)	-0.7
	Walls	(Cpe)	-0.5
	Walls	(Cpi)	0.2

SECTION 2 – INSPECTION

2.1 UPGRADING WORKS REQUIRED
None

2.2 GENERAL NOTES:

We certify that we have inspected the premises described above and have made the recommendations detailed herein for upgrading this premises. The report however recognizes that only representative sampling of the structural components, which are embedded, or otherwise out of view. In such cases the structural components which cannot be seen are deemed to be either similar to those within view or in the case of embedded items, of sufficient strength to resist the design loading.

The owner shall be responsible for the proper maintenance and upkeep of the premises at all times to ensure validity of the certification.

Date of our first inspection: 01 February 2023



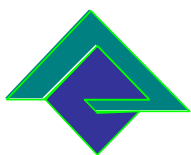
Signed:

Full Name: Harold Qualao

Qualifications: B.Eng MSc

Company/Firm: **Qualao Consulting Ltd**
PO Box 462
Port Vila

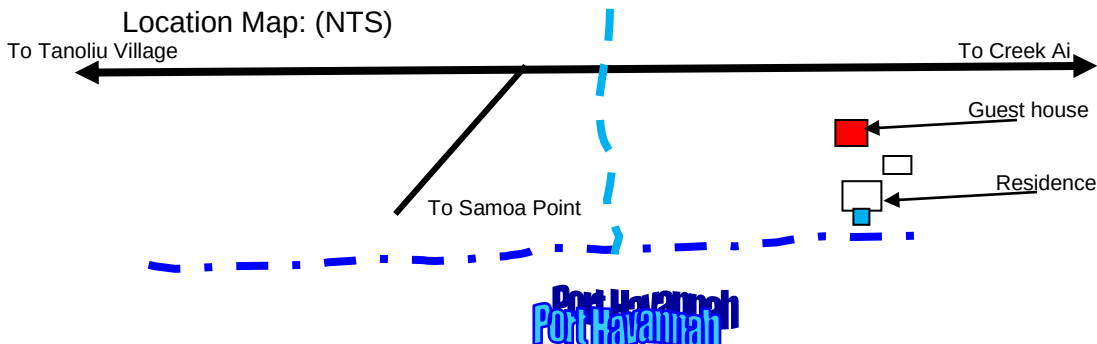
Date: 02 February 2023



SECTION 3 – CERTIFICATION

REF: 08 / 02 / 112532

- 3.1 BUILDING OWNER: Mitch & Lynn Clement (Guest house)
PROPERTY LOCATION: Port Havannah
Land Title: 12/ 05 23 / 069
Location Map: (NTS)



- 3.2 Date of inspection(s) during and after upgrading
(or initial date of inspection if no upgrading is considered necessary).
Initial Property Inspection: 01 February 2023
Upgraded Property Inspection:
- 3.3 We consider that as of the last date given in 3.2 above, the building is likely to be of a reasonable level of cyclonic resistance within the limitations stated in Section 2 above.
- 3.4 Classification for cyclone resistance are schedule for the building components in their present state and for the same components after completion of recommended action based on the following scale which indicates along the top of the scale the range of basic wind speed in m/sec: -

less than 40				40 - 49		50 - 60		Over 60	
1	2	3	4	5	6	7	8	9	10
Very bad		Bad		Fair		Good		Very good	

Signed:

Full Name: Harold Qualao

Qualifications: B Eng MSc

Company/Firm: **Qualao Consulting Ltd**
PO Box 462
Port Vila

Date: 02 February 2023