

Healthy Homes Assessment

THIS Kapiti Coast - Horowhenua Ltd

Thu 9 Jun 2022



**51B Elizabeth Street, Waikanae, Kapiti Coast, 5036
New Zealand**

Inspector: Campbell Sutherland
For the sole purposes of Richard Halliday

** unless prior agreement made with THIS Kapiti Coast - Horowhenua Ltd*

Date & Time

Date

Thu 9 Jun 2022

Time

8:40 AM

Weather

Moderate Rain 12°C

Inspector's Details

Name

Campbell Sutherland

Mobile

021 847 796

Customer's Details

Name

Richard Halliday

Street Address

51B Elizabeth Street

Location

Kapiti Coast

Email

hallidayrj@outlook.com

Agent's Details

Name

Jean Bewick

Company

KCPM

Note

Please note that this report does not mean that any work, if required, will be completed immediately - once the report is sent, the owners will be arranging quotes for anything required. The deadline for compliance is 90 days from any new, varied or renewed tenancy agreements from the 1st July 2021. Every property must be compliant by July 2024.

Overview

Overview

Overview Comments

Work has been conducted since the original healthy home inspection was completed.

Refer to the remediation statement and supporting documentation provided to THIS at the back of this report.

The home now meets the healthy home standard.

Overview Gallery

Certificate

Certificate

Smoke Alarms

Compliance

Complies

Recommendation

Meets the Healthy home standard.

Heating

Compliance

Complies

Recommendation

Meets the Healthy home standard.

Insulation

Compliance

Complies

Recommendation

Meets the Healthy home standard.

Ventilation

Compliance

Complies

Recommendation

Meets the Healthy home standard.

Moisture ingress and drainage

Compliance

Complies

Recommendation

Meets the Healthy home standard.

Draught Stopping

Compliance

Complies

Recommendation

Meets the Healthy home standard.

Property Details

Smoke Alarms

Smoke Alarms

Type

Photoelectric smoke alarm

Sufficient Number

Meets the Healthy home standard.

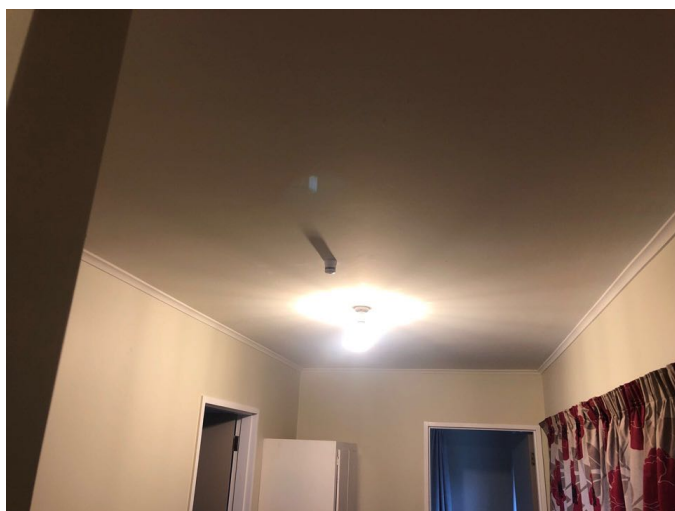
Areas With Existing Alarm

BEDROOM 1

BEDROOM 2

BEDROOM 3

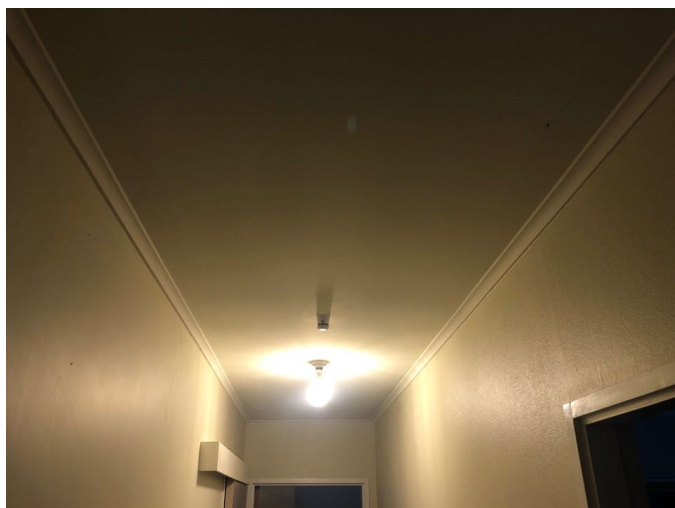
BEDROOM 4



Smoke alarm located within 3 meters of bedroom: 1/2



Qualified smoke detector noted and tested.
Expiry 2028



Smoke alarm located within 3 meters of bedroom: 3/4



Qualified smoke detector noted and tested.
Expiry 2028

Status

Do the areas above meet the Healthy Homes standards?

It does

Heating

Existing Heating

Type	Capacity
Wood burner	12.5 kW

Required Heating

Capacity
7.3 kW

Heating standard

8 Main living room must have qualifying heaters

- (1) The main living room of the premises must be heated by 1 or more qualifying heaters with a total heating capacity of at least the required heating capacity for the main living room.
- (2) If the premises are not in a boarding house, the main living room of the premises is, -
 - (a) if the premises have 1 living room, that living room; or
 - (b) if the premises have 2 or more living rooms, the largest of them.
- (3) If the premises are in a boarding house, the main living room of the premises is, -
 - (a) if the facilities (as defined in section 66B of the Act) include 1 living room, that living room; or
 - (b) if the facilities include 2 or more living rooms, the largest of them.



Using the tenancy service heating calculator, the 12.5kW Woodburner exceeds the 7.3kW Healthy homes heating requirement for this living space. Refer to the calculation at the back of this report.



12.3kW Woodburner

Status

Do the areas above meet the Healthy Homes standards?

It does

Insulation

Ceiling Insulation

Type	Installation date
Fibreglass Batts	N/A
Condition	R-value
Accessible ceiling areas have been insulated to the standard.	3.2
Thickness	
N/A	

Ceiling Insulation standard

13 Ceiling insulation

- (1) The ceiling of each domestic living space in the premises must be fully covered by qualifying ceiling insulation.
- (2) However, the ceiling is not required to be fully covered so far as-
- (a) another domestic living space (whether or not part of the premises) is immediately above the ceiling; or
 - (b) clearances are reasonably required around any other item that is installed in or above the ceiling.

Underfloor Insulation

Type	Installation date
Concrete floor slab	N/A
Condition	R-value
Concrete	1.4

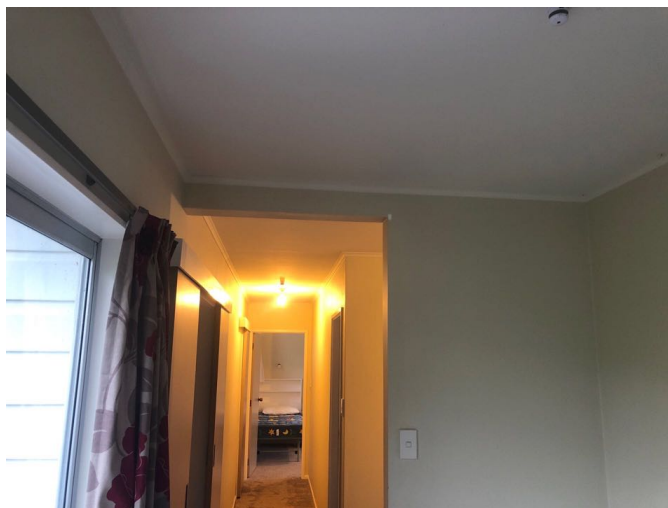
Underfloor Insulation Standard

15 Underfloor insulation for suspended floors

- (1) If a domestic living space in the premises has a suspended floor, that floor must be fully covered by qualifying underfloor insulation.
- (2) However, the floor is not required to be fully covered so far as-
- (a) another domestic living space (whether or not part of the premises) is immediately below the floor; or
 - (b) clearances are reasonably required around any other item that is installed in or under the floor.



Ceiling insulation viewed from this access point.



Servicing the bedroom areas.



The Ceiling areas appear sufficiently insulated with R3.2 fibreglass batts to meet the insulation requirements for the Healthy Homes Standards.



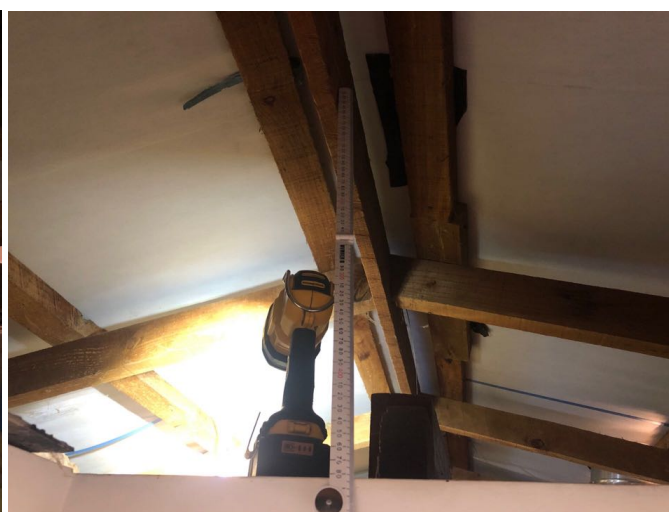
Insulation and ceiling cavity viewed from this access point.



Servicing the lounge areas.



The existing ceiling insulation has significantly slumped over time below the minimum requirements to meet the insulation standard. A top up layer of insulation should be applied however It is this inspectors opinion that the ceiling cavity height is well below the minimum standard for access to install ceiling insulation. In this instance exemptions have been applied.



Note less than 450mm ceiling cavity height.



Concrete floor slab foundation system. Meets the Healthy home standard.
Concrete has a thermal resistance of R1.4

Status

Do the areas above meet the Healthy Homes standards?

It does

Ventilation

Kitchens

KITCHEN

Name

KITCHEN

Installation date

New

Exhaust Capacity

N/A

Extractor Fan

Mechanical extraction sighted.

Ducting

150 mm



New mechanical extraction system.
Ducted to the exterior.
Kitchen extraction meets the ventilation requirements of the HH standard.



Vented to the exterior through wall

Status

Do the areas above meet the Healthy Homes standards?

It does

Bathrooms

BATHROOM

Name

BATHROOM

Installation date

Prior to July 2019

Exhaust Capacity

N/A

Extractor Fan

Mechanical extraction sighted.

Ducting

120 mm



Bathroom



Mechanical extraction system sighted in the bathroom. installed prior to July 1st 2019, in working order at the time of the inspection.



Vented to the exterior through soffit

Status

Do the areas above meet the Healthy Homes standards?

It does

Living

LARGEST LIVING SPACE

Room Type

LARGEST LIVING SPACE

Floor Area

53.1 m²

Existing Openable Window/Door

3.43 m²

Ventilation Type

Passive Door x2

Required Openable Window/Door

2.65 m²

Living Gallery



Largest living space



The openable doors comply with the 5% ventilation requirement for this room and section 21 of the Healthy Homes Standard.

Status

Do the areas above meet the Healthy Homes standards?

It does

BEDROOM 1

Room Type

BEDROOM 1

Floor Area

11.8 m²

Existing Openable Window/Door

1.02 m²

Ventilation Type

Passive Windows x2

Required Openable Window/Door

0.59 m²

Living Gallery



Bedroom 1



The openable windows comply with the 5% ventilation requirement for this room and section 21 of the Healthy Homes Standard.

Status

Do the areas above meet the Healthy Homes standards?

It does

BEDROOM 2

Room Type
BEDROOM 2

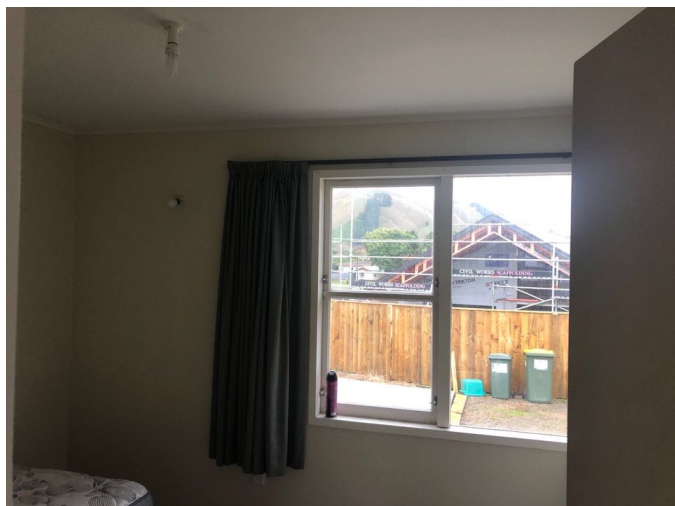
Floor Area
8.6 m²

Existing Openable Window/Door
0.49 m²

Ventilation Type
Passive Windows x2

Required Openable Window/Door
0.43 m²

Living Gallery



Bedroom 2



The openable window complies with the 5% ventilation requirement for this room and section 21 of the Healthy Homes Standard.

Status

Do the areas above meet the Healthy Homes standards?

It does

BEDROOM 3

Room Type
BEDROOM 3

Floor Area
12.2 m²

Existing Openable Window/Door
0.87 m²

Ventilation Type
Passive Window

Required Openable Window/Door
0.61 m²

Living Gallery



Bedroom 3



The openable windows comply with the 5% ventilation requirement for this room and section 21 of the Healthy Homes Standard.

Status

Do the areas above meet the Healthy Homes standards?

It does

BEDROOM 4

Room Type

BEDROOM 4

Floor Area

14.8 m²

Existing Openable Window/Door

10.3 m²

Ventilation Type

Passive Windows x2

Required Openable Window/Door

0.74 m²

Living Gallery



Bedroom 4



The openable windows comply with the 5% ventilation requirement for this room and section 21 of the Healthy Homes Standard.

Status

Do the areas above meet the Healthy Homes standards?

It does

Living Ventilation Standard

21 Openable windows or external doors

- (1) Each habitable space in the premises must have 1 or more qualifying windows or doors.
- (2) The total openable area of the qualifying windows or doors in the habitable space must be at least 5% of the floor area of the habitable space.
- (3) A window, skylight, or door is a qualifying window or door if it-
 - (a) opens to the outdoors; and
 - (b) is designed and built in a way that allows it to remain fixed in the open position during normal occupation of the premises.
- (4) The openable area of a qualifying window or door is its net openable area on the internal face of the building element in which it is located.

Status

Do the areas above meet the Healthy Homes standards?

It does

Moisture ingress and drainage

Drainage

Roof

Sufficient Gutters and downpipes sighted to effectively remove water from the roof in accordance with section 27 of the Healthy Homes Standard.
Appear clean and clear.

Surface water

Ponding areas have been identified within the report.

Drainage standard

27 Tenancy building to have efficient drainage system

- (1) The tenancy building must have a drainage system that efficiently drains storm water, surface water, and ground water to an appropriate outfall.
- (2) The drainage system must include appropriate gutters, downpipes, and drains for the removal of water from the roof.

Moisture barrier

Subfloor

Concrete floor slab.
Moisture barrier built into the foundation system.

Moisture barrier standard

28 Suspended floors to have ground moisture barrier

- (1) This regulation applies if-
 - (a) the tenancy building has a suspended floor; and
 - (b) the subfloor space is enclosed.
- (2) The tenancy building's subfloor space must-
 - (a) have a ground moisture barrier that-
 - (i) is made of a material that meets the specifications for an on-ground vapour barrier set out in section 8 of NZS 4246:2016; and
 - (ii) was installed in accordance with section 8 of NZS 4246:2016; or
 - (b) have an alternative ground moisture barrier that-
 - (i) has a vapour flow resistance of at least 50 MN s/g; and
 - (ii) was installed by an appropriate professional installer.
- (3) A subfloor space is enclosed if the airflow into and out of the space is significantly obstructed along at least 50% of the perimeter of the subfloor space by 1 or more of the following:
 - (a) a masonry foundation wall;
 - (b) cement boards, timber skirting, or other cladding;
 - (c) other parts of the building or any adjoining structure;
 - (d) any other permanent or semi-permanent structure that significantly obstructs airflow;
 - (e) rock, soil, or other similar material.



New gutters and downpipes around the perimeter of the home to effectively remove rainwater from roof. Appears clean and clear.



No discharge / sediment or evidence of blockages within the stormwater system.



Ponding area identified on the eastern side of the home as a result of the downpipes discharge directly onto the ground.



Example. The downpipes are currently discharging directly at the base of the building envelope.



Ideally the downpipes should discharge into the stormwater system or suitably sized soakpit. Consideration has been given the home sits on a concrete floor slab and not a suspended floor. The downpipes have never discharged into a stormwater system at the time of construction. As a minimum the downpipes should be diverted away from the perimeter of the building envelope and ideally a paved surface should slope away from the home which will help to prevent ponding in the immediate vicinity of the building envelope.



The window casement should be filled and paint coat sealed to prevent moisture ingress.



Modern concrete floor slab with a vapour barrier installed at the time of construction.

Status

Do the areas above meet the Healthy Homes standards?

It does. Work has been conducted since the original healthy home inspection was completed.



Draught Stopping

Open Fireplace

Status

No open fire place

Fireplace Standard

25 Open fireplaces to be blocked

(1) If the premises have an open fireplace, it must be closed off, or its chimney must be blocked, in a way that prevents draughts into and out of the premises through the fireplace.

Unreasonable Draughts

Status

Gaps around windows observed larger than 3mm.

Window maintenance is required.

Refer to the pictures below referencing the draughts observed.

Draught Standard

26 Gaps and holes that allow draughts

(1) The premises must be free from gaps between, and holes in, building elements that

(a) are not intentional parts of the construction of the premises (such as drainage and ventilation openings); and

(b) allow draughts into or out of the premises; and

(c) are unreasonable.

(2) In determining whether a gap or hole is unreasonable for the purposes of sub- clause (1)(c), the following matters may be taken into account:

(a) the size and location of the gap or hole:

(b) the extent of the draught that is allowed through the gap or hole:

(c) if there is more than 1 gap or hole at the premises, the extent of the total draught that is allowed through those gaps and holes:

(d) the likely impact that a draught through the gap or hole will have on heat loss from the premises:

(e) any other relevant matters, subject to subclause (3).

(3) In determining whether a gap or hole is unreasonable for the purposes of sub- clause (1)(c), the age and condition of the premises or tenancy building must not be taken into account.



Bedroom 3

Window easement, maintenance and handle is recommended to help seal the window flush

Status

Do the areas above meet the Healthy Homes standards?

It does. Work has been conducted since the original healthy home inspection was completed.



Certificate

CERTIFICATE OF ASSESSMENT IN ACCORDANCE WITH RESIDENTIAL TENANCIES (HEALTHY HOMES STANDARDS) REGULATIONS 2019

Client: Richard Halliday

Site Address: 51B Elizabeth Street, Waikanae, Kapiti Coast, 5036, New Zealand

Inspector: Campbell Sutherland

Company: THIS Kapiti Coast - Horowhenua Ltd

Qualification: Registered Member NZIBI New Zealand Institute Of Building Inspectors. Reg NZIBI 072

Overview Comments: Meets the healthy home standard.

Any limitations to the coverage of the inspection are detailed in the written report.

Certification

I hereby certify that I have carried out the inspection of the property site at the above address in accordance with Residential Tenancies (Healthy Homes Standards) Regulations 2019 - and I am competent to undertake this inspection.

Inspector: Campbell Sutherland

Date: Thu 9 Jun 2022

An inspection carried out in accordance with Residential Tenancies (Healthy Homes Standards) Regulations 2019 is not a warranty against any problems developing after the date of the property report.

Heating report

Report Details

This report was generated by
campbell sutherland

Address of rental property
51b Elizabeth St Waikanae

Name of landlord
**kapiti Coast Property
Management**

Report was generated on
10 June 2022 12:35pm

Landlords should keep this report as a record of compliance. This will help prove a rental home meets the heating requirements of the healthy homes standards.

How to provide this heating requirement

You need 7.3kW of heating capacity to heat your living room

This is the minimum required heating capacity you need to provide in the main living room to meet the healthy homes standards, based on the information you supplied. It takes into account your local climate and the design and construction of your home. The tool makes some assumptions to keep things simple.

Your heating needs to provide this heating capacity with an outdoor temperature of -3°C

Heat pump installers need to know the outdoor temperature to work to. This is because the heating capacity of a heat pump reduces with colder outdoor temperatures. If you live somewhere cold, you may need a particular model of heat pump to give enough heating capacity.

Choose the right type and size of heater

You can provide this heating capacity using one or more heaters. But each heater must meet the requirements in the healthy homes standards.

Your heater(s) must be fixed and not portable. They must each be at least 1.5 kW in heating capacity.

Your heater must not be an open fire or an unflued combustion heater, eg portable LPG bottle heater. If you use a heat pump or an electric heater, it must have a thermostat. You cannot use an electric heater for a required heating capacity over 2.4 kW unless you're 'topping up' existing heating. Smaller 'top up' heaters must meet certain conditions (see below).

The healthy homes standards treat heat pumps differently from other electric heaters. Where the tool refers to an 'electric heater', this means an electric heater that is not a heat pump.

In most cases, the right type of heater will be a larger fixed heating device like a heat pump, wood burner, pellet burner or flued gas heater. In some cases, eg small apartments or some modern, well-insulated homes, a smaller fixed electric heater will be enough. Properties (mainly in Rotorua) which use direct geothermal heating to heat the main living room, that do not have a stated heating capacity also satisfy the heating standard. For more information about different heating options visit the [Gen Less website](#).

You can still use heaters that don't meet these requirements. They won't need to be removed but they can't contribute to the heating capacity you need to meet the healthy homes standards.

Top up existing heating

If you're adding a new heater to a room with existing heating, each heater must meet the requirements in the healthy homes standards, with one exception. If your existing heating doesn't have the required heating capacity, you can add a smaller fixed electric heater to 'top up' your heating. If you do, you must meet all these conditions:

- you installed your existing heating before 1 July 2019
- each of your existing heaters meets the general requirements for heaters (listed above) and is not an electric heater (except for a heat pump)
- the required heating capacity is more than 2.4 kW, and
- the 'top up' you need is 2.4 kW or less.

For example, if you have a heat pump with a heating capacity of 3.6 kW that was installed before 1 July, 2019, but you need a total heating capacity of 6.0 kW, you can add a fixed 2.4 kW electric heater with a thermostat to meet the standard.

Once the heat pump needs to be replaced due to wear and tear, you will need to install a qualifying heater/s that meets the full capacity requirement of the healthy homes heating standard. See further examples below.

You don't need to add more heating if you have one or more existing large heaters that meet all these conditions:

- were installed before 1 July 2019
- each have a heating capacity greater than 2.4 kW
- meet the requirements in the standards, and
- have a total heating capacity that's at least 80% of what you need.

Disclaimer

This tool is a 'heating capacity calculator' for the purposes of the Residential Tenancies (Healthy Homes Standards) Regulations 2019. As well as determining the required heating capacity, the Heating Assessment Tool will also provide information about the type of heating device that, if installed, would achieve compliance with the heating standard.

When the Heating Assessment Tool is used correctly it is intended to presume the required heating capacity for the main living room of a specific rental premises. Any person using it in good faith is entitled to rely on the report produced as being the correct result based on the information entered. Misuse of the Heating Assessment Tool may cause an incorrect result and impact on a landlord's compliance with the heating standard. [Read the full disclaimer.](#)

Examples

Here are some examples showing a required heating capacity and how you could provide heating that meets the healthy homes standards.

Example 1:

You need a total heating capacity of 6.0 kW. You have an existing heat pump, installed in 2018, with a heating capacity of 3.6 kW. You can add a fixed 2.4 kW electric heater with a thermostat to meet the standard.

Once the heater needs to be replaced due to wear and tear, you will need to install one or more acceptable heating devices that meet the full capacity requirement (6.0Kw).

Example 2:

You need a total heating capacity of 8 kW. You have a fixed heat pump with a heating capacity of 4 kW and an unflued gas heater with a heating capacity of 3 kW. The unflued gas heater is an unacceptable heater type, which means it can't contribute to the required heating capacity. You can meet the standards by installing a 4 kW (or larger) qualifying fixed heater where it can heat the main living room directly. You cannot add an electric heater to 'top up' your heating because the 'top up' you need is over 2.4 kW.

Example 3:

You need a total heating capacity of 3.5 kW. You have a fixed heat pump with a thermostat and heating capacity of 2.8 kW, installed in 2014. You don't need to add any more heating because your existing heating is a qualifying, larger heater that

achieves at least 80% of the required heating capacity.

Rental property details

About your home

Your home's age, location and type

Is your home a qualifying apartment: **No**

When was your home built: **Before 1978**

Region: **Wellington**

Council: **Kapiti Coast District Council**

Zone: **1**

Assumed external temperature: **-3°C**

Home been upgraded to 2009 insulation and glazing standards: **No**

About your main living room

Main living room

Main living room area: **53m²**

Level 1

Wall 1

Type of wall: **internal**

Length: **3.00m**

Height: **2.40m**

Area: **7.20m²**

Calculated area: **7.20m²**

R-Value: **0.4**

Default R-Value **0.4**

Wall Transmission Heat Loss: **0.19kW**

Number of windows: **0**

Number of door glazing: **0**

Wall 2

Type of wall: **internal**

Length: **2.60m**

Height: **2.40m**

Area: **6.24m²**

Calculated area: **6.24m²**

R-Value: **0.4**

Default R-Value **0.4**

Wall Transmission Heat Loss: **0.16kW**

Number of windows: **0**

Number of door glazing: **0**

Wall 3

Type of wall: **internal**

Length: **1.60m**

Height: **2.40m**

Area: **3.84m²**

Calculated area: **3.84m²**

R-Value: **0.4**

Default R-Value **0.4**

Wall Transmission Heat Loss: **0.10kW**

Number of windows: **0**

Number of door glazing: **0**

Wall 4

Type of wall: **external**

Length: **1.60m**

Height: **2.40m**

Area: **3.84m²**

Calculated area: **3.84m²**

R-Value: **1.0**

Default R-Value **0.5**

Wall Transmission Heat Loss: **0.25kW**

Number of windows: **0**

Number of door glazing: **1**

Wall 4: Door 1 glazing

Glazing type: **single**

Length: **0.77m**

Height: **1.90m**

Area: **1m²**

Calculated area: **1m²**

R-Value **0.15**

Default R-Value **0.15**

Wall 5

Type of wall: **external**

Length: **7.10m**

Height: **2.40m**

Area: **17.04m²**

Calculated area: **17.04m²**

R-Value: **1.0**

Default R-Value **0.5**

Wall Transmission Heat Loss: **0.73kW**

Number of windows: **2**

Number of door glazing: **0**

Wall 5: Window 1

Glazing type: **single**

Length: **1.26m**

Height: **1.32m**

Area: **1.66m²**

Calculated area: **1.66m²**

R-Value: **0.15**

Default R-Value **0.15**

Wall 5: Window 2

Glazing type: **single**

Length: **1.30m**

Height: **1.10m**

Area: **1.43m²**

Calculated area: **1.43m²**

R-Value: **0.15**

Default R-Value **0.15**

Wall 6

Type of wall: **internal**

Length: **6.20m**

Height: **2.40m**

Area: **14.88m²**

Calculated area: **14.88m²**

R-Value: **0.4**

Default R-Value **0.4**

Wall Transmission Heat Loss: **0.39kW**

Number of windows: **0**

Number of door glazing: **0**

Wall 7

Type of wall: **external**

Length: **9.80m**

Height: **2.40m**

Area: **23.52m²**

Calculated area: **23.52m²**

R-Value: **1.0**

Default R-Value **0.5**

Wall Transmission Heat Loss: **1.22kW**

Number of windows: **1**

Number of door glazing: **2**

Wall 7: Window 1

Glazing type: **single**

Length: **2.10m**

Height: **0.51m**

Area: **1.07m²**

Calculated area: **1.07m²**

R-Value: **0.15**

Default R-Value **0.15**

Wall 7: Door 1 glazing

Glazing type: **single**

Length: **1.90m**

Height: **1.90m**

Area: **4m²**

Calculated area: **4m²**

R-Value **0.15**

Default R-Value **0.15**

Wall 7: Door 2 glazing

Glazing type: **single**

Length: **0.77m**

Height: **1.90m**

Area: **1m²**

Calculated area: **1m²**

R-Value **0.15**

Default R-Value **0.15**

Floor:

Floor Area: **53.10m²**

Space below floor: **external**

Standards compliance: **all**

Standards percentage: **100%**

Standards area: **53.10m²**

Standards R-Value **1.4**

Standards R-Value default **1.3**

Non-standards percentage: **0%**

Non-standards area: **0.00m²**

Non-standards R-Value **0**

Non-standards R-Value default **0.5**

Internal percentage: **0%**

Internal R-Value **0**

Internal R-Value default **0.5**

External percentage: **100%**

External R-Value **1.4**

External R-Value default **1.3**

Total area: **53.10m²**

Internal area: **0.00m²**

External area: **53.10m²**

Internal Transmission Heat Loss: **0.00kW**

External Transmission Heat Loss: **0.80kW**

Standards Transmission Heat Loss: **0.80kW**

Non-standards Transmission Heat Loss:
0.00kW

Total Transmission Heat Loss: **0.80kW**

Ceiling:

Floor Area: **53.10m²**

Shape of ceiling: **flat**

Space above ceiling: **external**

Standards percentage: **100%**

Standards area: **53.10m²**

Standards R-Value **2.9**

Standards R-Value default **2.4**

Non-standards percentage: **0%**

Non-standards area: **0.00m²**

Non-standards R-Value: **0**

Non-standards R-Value default: **0.35**

Internal percentage: **0%**

Internal R-Value: **0**

Internal R-Value default: **0.5**

External percentage: **100%**

External R-Value: **2.9**

External R-Value default: **2.4**

Flat area: **53.10m²**

Irregular area: **0.00m²**

Total area: **53.10m²**

Internal area: **0.00m²**

External area: **53.10m²**

Internal Transmission Heat Loss: **0.00kW**

External Transmission Heat Loss: **0.38kW**

Standards Transmission Heat Loss: **0.38kW**

Non-standards Transmission Heat Loss:
0.00kW

Total Transmission Heat Loss: **0.38kW**

Number of skylights: **0**

Level Summary:

Volume of Level: **127.44m³**

Transmission Heat Loss: **4.23kW**

Ventilation Heat Loss: **0.91kW**

Additional heating-up power: **2.12kW**

Result

Transmission Heat Loss: **4.23kW**

Ventilation Heat Loss: **0.91kW**

Additional heating-up power: **2.12kW**

Heat load of the heated space: **7.3kW**

Heat load of the heated space (w/o heating-up power):**5.14kW**

Total Home Inspection Services Healthy Homes Assessment Terms of Service

SECTION 1 - SCOPE OF INSPECTION

The scope of the inspection is limited to visual inspection of the standard components of the home, which the inspector has reasonable access to and is the inspector's clear line of sight. The purpose of the inspection is to visually identify compliance with the Residential Tenancies (Healthy Homes Standards) Regulations 2019 ONLY. The report shall include: comments on: Heating standard, insulation standard, ventilation standard, moisture and drainage standard, draught stopping standard as per the Residential Tenancies (Healthy Homes Standards) Regulation 2019 ONLY.

SECTION 2 - LIMITATIONS OF INSPECTION AND REPORT (GENERAL)

The report is not a guarantee, warranty or any form of insurance, and is not to be used as a substitute for a final walk-through inspection, or a comprehensive building survey. This report is not a technically exhaustive investigation nor is it practicable to identify and itemise every defect or violation of the Residential Tenancies (Healthy Homes standards) Regulations 2019. The purpose of the report is to identify any readily visible items of concern at the time of the inspection. The report assumes that the property as built complies with the building code, and does not investigate or comment on that.

This report:

Does not assess or certify that the property or any element of it complies with the Building code (current or at the time the building was constructed).

Does not advise on, or cover, zoning ordinance violation, geological stability, soil conditions, structural stability, engineering analysis, termites or other infestations, asbestos, formaldehyde, water or air contaminants of any kind, toxic moulds, rotting (non-visual), electromagnetic radiation, environmental hazards.

Does not appraise or assess the property value, or the cost of any repair work,

Does not cover detached buildings, sheds, underground condition of pool and spa bodies and related piping, private water systems, septic systems, saunas, specialised electronic controls of any kind, elevators, dumb waiters, water softener and purification systems, solar systems, internal system components, security systems, system adequacy or efficiency, prediction of life expectancy of any items or system, minor and/or cosmetic problems, latent or concealed defects or any items marked as not inspected within the report.

Does not cover areas that are concealed, contained, inaccessible, or cannot be seen, due to walls, ceilings, floors, insulation, soils, vegetation, furniture, stored items, systems, appliances.

Does not detect or comment on the existence of formaldehyde, lead paint, asbestos, toxic or flammable materials, pest infestation and other health or environmental hazards;

Does not investigate any underground drainage or plumbing, playground equipment, vehicles, or any other object, will not be inspected or included in the report.

Does not comment on Appliances and spa/pool equipment special cycles or features.

SECTION 3 – LIMITATIONS OF INSPECTION AND REPORT (WEATHER-TIGHTNESS)

This report cannot, and does not, provide advice or investigation about whether the property inspected is a leaky home, suffers from toxic mould, rot, or fungal growth, or complies with E2/AS1 of the Building Code. This report is not to be construed as advice about the overall weather-tightness of the property or whether the property is, or is likely to be, stigmatised as a leaky home. The nature of the leaky home problem in New Zealand means:

Systemic moisture ingress, or building defects making a building prone to leaking, which would stigmatise a building as a 'leaky home', in many cases can only be detected through a comprehensive building survey including destructive testing and external cladding removal. That is outside the scope of this inspection and report.

The presence of risk factors, or areas of elevated moisture readings, identified in this report, are intended to do no more than to alert the customer to issues that might need to be investigated further. They are not to be equated with advice that a property is or is not a leaky home.

The absence of visible risk factors or elevated moisture readings is not intended to (and cannot reliably be taken as) advice that the property is not a leaky home.

Roofs will not be accessed as part of this Residential Tenancies (Healthy Homes Standards) Regulations 2019 inspection.

SECTION 4 - REASONABLE ACCESS

Reasonable access is access that is safe, unobstructed and which has a minimum clearance of 450 x 400 mm opening access door that can be safely accessed from a 3.6 m ladder and a minimum crawl space of 610 x 610 mm in the ceiling space and 500 x 400 mm opening access door and a minimum crawl space of 500mm vertical clearance for the sub floor area. Roofs will not be accessed as part of this Residential Tenancies (Healthy Homes Standards) Regulations 2019 inspection.

SECTION 5 – CONFIDENTIALITY AND LIMITATION OF LIABILITY

The contents of the report, or any other work prepared by us is confidential and has been prepared solely for you and shall not be relied upon by any third parties. We accept no responsibility for anything done or not done by any third party in reliance, whether wholly or partially, on any of the contents of the report.

Subject to any statutory provisions, if we become liable to you, for any reason, for any loss, damage, harm or injury in any way connected with the completion of the Inspection and/or report, our liability shall be limited to a sum not exceeding the cost of the Inspection and report. We will not be liable to you for any consequential loss of whatever nature suffered by you or any other person injured and indemnify us in respect of any claims concerning any such loss.

Healthy Homes Remediation Statement

PROPERTY ADDRESS:

516 Elizabeth Street
Waikanae

Business Name:

Kapiti Coast Property Management Ltd

Work completed by (name):

Richard Halliday

I am the landlord

YES

NO

email

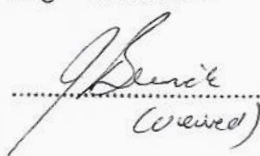
Ph

Date

Section of the Healthy Homes Standard remediated and brief description of work:

Moisture & Drainage: eg: Spouting/drainage repair/ installation, installation of vapour barrier..	Downpipes diverted away from perimeter of building Window casement outside laundry filled & painted.
Ventilation/Extraction: How ventilation was remedied? eg: Installation of extraction to exterior. Kitchen: Diameter of ducting: Exhaust capacity (l/s): Bathroom: Diameter of ducting: Exhaust capacity (l/s):	
Insulation: eg: Area insulated, Type, R-value, Thickness	
Heating: eg: Type of new or additional qualifying heating: KW rating: Area of installation:	
Draught Stopping: eg: How draught was remedied..where?	Seals put around windows
Smoke alarms: eg: Type of smoke alarms: Visible replacement date:	

I have remedied the above area/s in accordance with the Residential Tenancies (Healthy Homes Standards) Regulations 2019


.....(print name).
John Bennett

8/9/23
.....(sign).

