N J Coward

surveying options

Single Survey Report

on

Hundland
Marwick
Birsay

Customer:	Mr A E James
Customer address:	Howan Sandwick
Date of inspection:	01/08/2018
Prepared by:	N J Coward, MRICS The Mart Hatston Kirkwall KW15 1FL

1. INFORMATION AND SCOPE OF INSPECTION

This section tells you about the type, accommodation, neighbourhood, age and construction of the property. It also tells you about the extent of the inspection and highlights anything that the surveyor could not inspect.

All references to visual inspection refer to an inspection from within the property without the need to move any obstructions and externally from ground level within the site and adjoining public areas. Any references to left or right are taken facing the front of the property.

The inspection is carried out without causing damage to the building or its contents and without endangering the occupiers or the surveyor. Heavy furniture, stored items and insulation are not moved. Unless identified in the report the surveyor will assume that no harmful or hazardous materials or techniques have been used in the construction. The presence or possible consequences of any site contamination will not be researched.

Services such as TV/cable connection, internet connection, swimming pools and other leisure facilities etc. were not inspected or reported on.

Description	Detached Bungalow.
Accommodation	Entrance Lobby, Kitchen, Sitting-room, Hall, Sun Lounge, Bathroom and 3 Bedrooms.
Gross internal floor area (M2)	116
Neighbourhood	Hundland is part of a scattered rural community in the parish of Birsay.
Age	40
Weather	Sunny
Chimney stacks	Block built stack, externally harled, with cast concrete soaker and clay chimneypot.

Roofing including roof space	Pitched roof clad in cement fibre slates. Glass wool insulation has been laid between the roof timbers.
Rainwater fittings	Grey plastic gutters and downpipes fitted.
Main walls	Mixed random masonry and cavity concrete block, externally harled
Windows, external doors and joinery	All double glazed windows in pvc frames.
External decorations	All external joinery is pvc.
Conservatories / porches	A large Sun Porch is attached to the front elevation. It is double glazed in pvc frames.
Communal areas	None present
Garages and permanent outbuildings	An "L" shaped garage and workshop is attached to the southern gable wall. It has been formed by the enlargement of the original outbuilding. It has walls of natural stone and concrete block. A hipped mono-pitch roof has been fitted, clad in corrugated cement fibre sheets.
Outside areas and boundaries	A lawn lies to both the front and side of the dwelling. A sheltered lawn and herbaceous are lies immediately in front of the house. A hardcore parking area is positioned to the side of the house.
Ceilings	Generally plasterboard sheeting, taped and filled.
Internal walls	Stud partitions clad with plasterboard are installed throughout.
Floors including sub-floors	Floors are believed to be solid concrete. All are covered with fitted coverings.
Internal joinery and kitchen fittings	Skirtings and facings are softwood. Basic units are fitted in the Kitchen.
Chimney breasts and fireplaces	A fireplace is present in the Sitting-room The hearth is sealed with plywood and the chimney is capped.
Internal decoration	All walls and ceilings have been emulsioned and/or papered.

Cellars	None present.
Electricity	Mains electricity wired in double insulated cable.
Gas	None present.
Water, plumbing and bathroom fittings	Mains supply to storage tank situated in the roof void. Copper pipework distribution system. Modern sanitaryware installed.
Heating and hot water	A water filled central heating system fired by an oil-fired boiler situated in the Kitchen
Drainage	Drainage is to a private septic tank
Fire smoke and burglar alarms	Smoke detectors are present throughout.
Any additional limits to inspection	None

Sectional diagram showing elements of a typical house

Reference may be made in this report to some or all of the above component parts of the property. This diagram may assist you in locating and understanding these terms.

2 CONDITION

This section identifies problems and tells you about the urgency of any repairs by using one of three categories.

Structural movement

Repair Category	1
Notes	No movement was noted.

Dampness, rot and infestation

Repair Category	1
Notes	No current dampness, rot or infestation was noted.

Chimney stacks

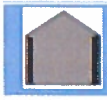
Repair Category	1
Notes	No defects were noted. The flue has been capped.

Roofing including roof space

Repair Category	1
Notes	Main roof and void are functional.

Rainwater fittings

Repair Category	1
Notes	All are fitted satisfactorily. Weather conditions prevent comment on their efficacy.



Main walls

Repair Category	1
Notes	Walls are plumb and true.

Windows, external doors and joinery

Repair Category	1
Notes	All windows and doors have been replaced with pvc units.

External Decorations

Repair Category	1
Notes	All windowframes are pvc-u.

Conservatories / porches

Repair Category	1
Notes	No defects were noted.

Communal areas

Repair Category	n/a
Notes	None present.

Garages and permanent outbuildings

Repair Category	1
Notes	It is not known whether the sheeting contains harmful asbestos fibre. The age of the material suggests that it may. Any alteration to, or removal of, the sheeting should be carried out by specialist contractors. Signs of water penetration were noted in the rear corner of the unit.

Outside areas and boundaries

Repair Category	1
Notes	All are neat and tidy.

Ceilings

Repair Category	1
Notes	No defects noted.

Internal walls

Repair Category	1
Notes	No significant defects were noted.

Floors including sub-floors

Repair Category	1
Notes	Floors are firm and level and without significant defect.

Internal joinery and kitchen fittings

Repair Category	1
Notes	All joinery is in functional condition.

Chimney breasts and fireplaces

Repair Category	1
Notes	The fire was not operating during inspection.

Internal decoration

Repair Category	1
Notes	No defects were noted.

Cellars

Repair Category	n/a
Notes	None present.

Electricity

Repair Category	1
Notes	It is recommended that the installation be checked by an electrical engineer and his recommendations be implemented.

Gas

Repair Category	n/a
Notes	None present.

Water, plumbing and bathroom fittings

Repair Category	1
Notes	Generally no defects were noted and the system was functional.

Heating and hot water

Repair Category	1
Notes	It is recommended that the heating be checked by a heating engineer and his recommendations be implemented.

Drainage

Repair Category	1
Notes	No defects were noted.

Set out below is a summary of the condition of the property which is provided for reference only. You should refer to the comments above for detailed information.

Structural movement	1
Dampness, rot and infestation	1
Chimney stacks	1
Roofing including roof space	1
Rainwater fittings	1
Main walls	1
Windows, external doors and joinery	1
External decorations	1
Conservatories / porches	1
Communal areas	n/a
Garages and permanent outbuildings	1
Outside areas and boundaries	1
Ceilings	1
Internal walls	1
Floors including sub-floors	1
Internal joinery and kitchen fittings	1
Chimney breasts and fireplaces	1
Internal decorations	1
Cellars	n/a
Electricity	1
Gas	n/a
Water, plumbing and bathroom fitting	1
Heating and hot water	1
Drainage	1

Repair Categories

Category 3:
Urgent Repairs or replacement are needed now. Failure to deal with them may cause problems to other parts of the property or cause a safety hazard. Estimates for repairs or replacement are needed now.

Category 2:
Repairs or replacement requiring future attention, but estimates are still advised.

Category 1:
No immediate action or repair is needed.

Remember

The cost of repairs may influence the amount someone is prepared to pay for the property. We recommend that relevant estimates and reports are obtained in your own name.

Warning

If left unattended, even for a relatively short period, Category 2 repairs can rapidly develop into more serious Category 3 repairs. The existence of Category 2 or Category 3 repairs may have an adverse effect on marketability, value and the sale price ultimately achieved for the property. This is particularly true during slow market conditions where the effect can be considerable.

3. ACCESSIBILITY INFORMATION

Guidance Notes on Accessibility Information

Three steps or fewer to a main entrance door of the property: In flatted developments the 'main entrance' would be the flat's own entrance door, not the external door to the communal stair. The 'three steps or fewer' are counted from external ground level to the flat's entrance door. Where a lift is present, the count is based on the number of steps climbed when using the lift.

Unrestricted parking within 25 metres: For this purpose, 'Unrestricted parking' includes parking available by means of a parking permit. Restricted parking includes: Parking that is subject to parking restrictions, as indicated by the presence of solid yellow, red or white lines at the edge of the road or by a parking control sign, parking meters or other coin-operated machines.

1. Which floor(s) is the living accommodation on?	Ground Floor
2. Are there three steps or fewer to a main entrance door of the property?	Yes
3. Is there a lift to the main entrance door of the property?	No
4. Are all door openings greater than 750mm?	Yes
5. Is there a toilet on the same level as the living room and kitchen?	Yes
6. Is there a toilet on the same level as a bedroom?	Yes
7. Are all rooms on the same level with no internal steps or stairs?	Yes
8. Is there unrestricted parking within 25 metres of an entrance door to the building?	Yes

4. VALUATION AND CONVEYANCER ISSUES

This section highlights information that should be checked with a solicitor or licensed conveyancer. It also gives an opinion of market value and an estimated re-instatement cost for insurance purposes.

Matters for a solicitor or licensed conveyancer

Estimated re-instatement cost for insurance purposes

£260,000.00

Valuation and market comments

I am of the opinion that the open market value of Hundland Marwick Birsay, as inspected, is fairly stated at £165000

Report author:	N J Coward
Address:	The Mart Hatston Kirkwall KW15 1FL
Signed:	
Date of report:	Wednesday, 1, August, 2018

Terms and Conditions

PART 1 - GENERAL

1.1 The Surveyor

The Seller has engaged the Surveyor to provide the Single Survey Report. The Seller has also engaged the Surveyor to provide an Energy Report in the format prescribed by the accredited Energy Company.

The Surveyor is authorised to provide a transcript or retype of the generic Mortgage Valuation Report on to Lender specific pro-forma. Transcript reports are commonly requested by Brokers and Lenders. The transcript report will be in the format required by the Lender but will contain the same information, inspection date and valuation figure as the generic Mortgage Valuation Report and the Single Survey. The Surveyors will decline any transcript request which requires the provision of information additional to the information in the Report and the generic Mortgage Valuation Report until the Seller has conditionally accepted an offer to purchase made in writing.

Once the Seller has conditionally accepted an offer to purchase made in writing, the Purchaser's lender or conveyancer may request that the Surveyors provide general comment on standard appropriate supplementary documentation. In the event of a significant amount of documentation being provided to the Surveyor, an additional fee may be incurred by the Purchaser. Any additional fee will be agreed in writing.

If information is provided to the Surveyor during the conveyancing process which materially affects the valuation stated in the Report, the Surveyor reserves the right to reconsider the valuation. Where the Surveyor requires to amend the valuation in consequence of such information, they will issue an amended Report to the Seller. It is the responsibility of the Seller to ensure that the amended Report is transmitted to every prospective Purchaser.

The individual Surveyor will be a member of the Royal Institution of Chartered Surveyors who is competent to survey, value and report upon Residential Property.[1]

If the Surveyor has had a previous business relationship within the past two years with the Seller or Sellers Agent or relative to the property, they will be obliged to indicate this by ticking the adjacent box. [✓]

The Surveyor has a written complaints handling procedure. This is available from the offices of the Surveyors at the address stated.

[1] Which shall be in accordance with the current RICS Valuation Standards (the Red Book) and RICS Codes of Conduct

1.2 The Report

The Surveyor will not provide an amended Report on the Property, except to correct factual inaccuracies.

The Report will identify the nature and source of information relied upon in its preparation.

The Surveyor shall provide a Market Value of the Property, unless the condition of the Property is such that it would be inappropriate to do so. A final decision on whether a loan will be granted rests with the Lender who may impose retentions in line with their lending criteria. The date of condition and value of the property will be the date of inspection.

To date, Purchasers have normally obtained their own report from their chosen Surveyor. By contrast, a Single Survey is instructed by the Seller and made available to all potential Purchasers in expectation that the successful Purchaser will have relied upon it. The Royal Institution of Chartered Surveyors rules require disclosure of any potential conflict of interest when acting for the Seller and the Purchaser in the same transaction. The Single Survey may give rise to a conflict of interest and if this is of concern to any party they are advised to seek their own independent advice. The Report and any expressions or assessments in it are not intended as advice to the Seller or Purchaser or any other person in relation to an asking price or any other sales or marketing decisions.

The Report is based solely on the Property and is not to be relied upon in any manner whatsoever when considering the valuation or condition of any other property.

If certain minor matters are mentioned in the Report it should not be assumed that the Property is free of other minor defects.

Neither the whole nor any part of the Report may be published in any way, reproduced or distributed by any party other than the Seller, prospective purchasers and the Purchaser and their respective professional advisers without the prior written consent of the Surveyor.

1.3 Liability

The Report is prepared with the skill and care reasonably to be expected of a competent residential surveyor who is a member of the Royal Institution of Chartered Surveyors.

The Report is addressed to the Seller and was prepared in the expectation that it (or a complete copy) along with these Terms and Conditions (or a complete copy) would (or, as the case might be, would have been) be disclosed and delivered to

- the Seller;
- any person(s) noting an interest in purchasing the Property from the Seller;
- any person(s) who make(s) (or on whose behalf is made) an offer to purchase the Property, whether or not that offer is accepted by the Seller;
- the Purchaser; and

• the professional advisers of any of these.

The Surveyor acknowledges that his duty of skill and care in relation to the Report is owed to the Seller and to the Purchaser. The Surveyor accepts no responsibility or liability whatsoever in relation to the Report to persons other than the Seller and the Purchaser. The Seller and Purchaser should be aware that if a Lender seeks to rely on this Report they do so at their own risk. In particular, the Surveyor accepts no responsibility or liability whatsoever to any Lender in relation to the Report. Any such Lender relies upon the Report entirely at their own risk.

1.4 Generic Mortgage Valuation Report

The Surveyor undertakes to the Seller that they will prepare a generic Mortgage Valuation Report, which will be issued along with the Single Survey. It is the responsibility of the Seller to ensure that the generic Mortgage Valuation Report is provided to every potential Purchaser.

1.5 Transcript Mortgage Valuation For Lending Purposes

The Surveyor undertakes that on being asked to do so by a prospective purchaser, or his/her professional advisor or Lender, they will prepare a Transcript Mortgage Valuation Report for Lending Purposes on terms and conditions to be agreed between the Surveyors and Lender and solely for the use of the Lender and upon which the Lender may rely. The decision as to whether finance will be provided is entirely a matter for the Lender. The Transcript Mortgage Valuation Report will be prepared from information contained in the Report and the generic Mortgage Valuation Report[2].

1.6 Intellectual Property

All intellectual property rights whatsoever (including copyright) in and to the Report, excluding the headings and rubrics, are the exclusive property of the Surveyor and shall remain his exclusive property unless they assign the same to any other party in writing.

1.7 Payment

The Surveyor is entitled to refrain from delivering the Report to anyone until the fee and other charges for it notified to the Seller have been paid.

Additional fees will be charged for subsequent inspections and Reports

---

[2] Which shall be in accordance with the current RICS Valuation Standards (the Red Book) and RICS Rules of Conduct.

1.8 Cancellation

The Seller will be entitled to cancel the inspection by notifying the Surveyor's office at any time before the day of the inspection.

The Surveyor will be entitled not to proceed with the inspection (and will so report promptly to the Seller) if after arriving at the property, the Surveyor concludes that it is of a type of construction of which the surveyor has insufficient specialist knowledge to be able to provide the inspection satisfactorily. The Surveyor will also be entitled not to proceed if after arriving at the property, the surveyor concludes that the property is exempt under Part 3 of The Housing (Scotland) Act 2006 as detailed in the (Prescribed Documents) Regulations 2008. If there is a potential threat to their health or personal safety, the inspection may be postponed or cancelled, at the Surveyor's discretion.
In the case of cancellation or the inspection not proceeding, the Surveyor will refund any fees paid by the Seller for the inspection and Report, except for expenses reasonably incurred and any fee due in light of the final paragraph of this section.

In the case of cancellation by the Seller, for whatever reason, after the inspection has taken place but before a written report is issued, the Surveyor will be entitled to raise an Invoice equivalent to 80% of the agreed fee.

1.9 Precedence

If there is any incompatibility between these Terms and Conditions and the Report, these Terms and Conditions take precedence.

1.10 Definitions

- the "Lender" is the party who has provided or intends or proposes to provide financial assistance to the Purchaser towards the purchase of the Property and in whose favour a standard security will be granted over the Property;

- the "Transcript Mortgage Valuation Report for Lending Purposes" means a separate report, prepared by the Surveyor, prepared from information in the Report and the generic Mortgage Valuation Report, but in a style and format required by the Lender. The Transcript Mortgage Valuation Report for Lending Purposes will be prepared with the skill and care reasonably to be expected from a surveyor who is a member of the Royal Institution of Chartered Surveyors and who is competent to survey, value and report on the Property;

- the "Generic Mortgage Valuation Report" means a separate report, prepared by the Surveyor from information in the Report but in the Surveyor's own format.

- the "Market Value" is *The estimated amount for which a property should exchange on the date of valuation between a willing buyer and a willing seller in an arm's-length*

transaction after proper marketing wherein the parties had each acted knowledgeably, prudently and without compulsion

- the "Property" is the property which forms the subject of the Report;
- the "Purchaser" is the person (or persons) who enters into a contract to buy the Property from the Seller;
- a "prospective Purchaser" is anyone considering buying the Property.
- the "Report" is the report, of the kind described in Part 2 of these Terms and Conditions and in the form set out in part 1 of Schedule 1 of the Housing (Scotland) Act 2006 (Prescribed Documents) Regulations 2008;
- the "Seller" is/are the proprietor(s) of the Property;
- the "Surveyor" is the author of the Report on the Property; and the firm whose details are set out at the head of the Report.
- the "Energy Report" is the advice given by the accredited Energy Company, based on information collected by the Surveyor during the Inspection, and also includes an Energy Performance Certificate, in a Government approved format.

PART 2 – DESCRIPTION OF THE REPORT

2.1 The Service

The Single Survey is a Report by an independent Surveyor, prepared in an objective way regarding the condition and value of the Property on the day of the inspection, and who is a member of the Royal Institution of Chartered Surveyors. It includes an Energy Report as required by Statute and this is in the format of the accredited Energy Company.

2.2 The Inspection

The Inspection is a general surface examination of those parts of the Property which are accessible: in other words, *visible and readily available for examination from ground and floor levels, without risk of causing damage to the Property or injury to the Surveyor.*

All references to visual inspection refer to an inspection from within the property at floor level and from ground level within the site and adjoining public areas, without the need to move any obstructions. Any references to left or right are taken facing the front of the property.

The Inspection is carried out with the Seller's permission, without causing damage to the building or contents. Furniture, stored items and insulation are not moved.

Unless identified in the report the Surveyor will assume that no harmful or hazardous materials have been used in the construction. The presence or possible consequences of any site contamination will not be researched.

The Surveyor will not carry out an asbestos inspection, and will not be acting as an asbestos inspector in completing a Single Survey of properties that may fall within the Control of Asbestos in the Workplace Regulations. In the case of flats it will be assumed that there is a duty holder, as defined in the Regulations and that a Register of Asbestos and effective Management Plan is in place, which does not require any expenditure, or pose a significant risk to health. No enquiry of the duty holder will be made.

2.3 The Report

The Report will be prepared by the Surveyor who carried out the property inspection and will describe various aspects of the property as defined by the headings of the Single Survey report with the comments being general and unbiased. The report on the location, style and condition of the property, will be concise and will be restricted to matters that could have a material effect upon value and will omit items that, in the Surveyor's opinion, are not significant. If certain minor matters are mentioned, it should not be interpreted that the property is free of any other minor defects.

Throughout the report, the following repair categories will be used to give an overall opinion of the state of repair and condition of the property.

1. Category 3: Urgent repairs or replacement are needed now. Failure to deal with them may cause problems to other parts of the property or cause a safety hazard. Estimates for repairs or replacement are needed now.

2. Category 2: Repairs or replacement requiring future attention, but estimates are still advised.

3. Category 1: No immediate action or repair is needed.

WARNING: If left unattended, even for a relatively short period, Category 2 repairs can rapidly develop into more serious Category 3 repairs. The existence of Category 2 or Category 3 repairs may have an adverse effect on marketability, value and the sale price ultimately achieved for the property. This is particularly true during slow market conditions when the effect can be considerable.

Parts of the property, which cannot be seen or accessed, will not be reported upon and this will be stated. If the Surveyor suspects that a defect may exist within an unexposed area and which could have a material effect upon the value, he may recommend further investigation by specialist contractors.

2.4 Services

Surveyors are not equipped or qualified to test the services and therefore no comment can be interpreted as implying that the design, installation and function of the services are in accordance/compliance with regulations, safety and efficiency expectations. However, comment is made where there is cause to suspect significant defects or shortcomings with the installations. No tests are made of any services or appliances.

2.5 Accessibility

A section is included to help identify the basic information interested parties need to know to decide whether to view a property.

2.6 Energy Report

A section is included that makes provision for an Energy Report, relative to the property. The Surveyor will collect physical data from the property and provide such data in a format required by an accredited Energy Company. The Surveyor cannot of course accept liability for any advice given by the Energy Company.

2.7 Valuation and Conveyancer Issues

The last section of the Report contains matters considered relevant to the Conveyancer (Solicitor). It also contains the Surveyor's opinion both of the market value of the property and of the re-instatement cost, as defined below.

"Market Value*" is The estimated amount for which a property should exchange on the date of valuation between a willing buyer and a willing seller in an arm's-length transaction after proper marketing wherein the parties had each acted knowledgeably, prudently and without compulsion* . In arriving at the opinion of the Market Value the Surveyor also makes various standard assumptions covering, for example, vacant possession; tenure and other legal considerations; contamination and hazardous materials; the condition of un-inspected parts; the right to use mains services; and the exclusion of curtains, carpets etc. from the valuation. In the case of flats, the following further assumptions are made that:

- There are rights of access and exit over all communal roadways, corridors, stairways etc. and to use communal grounds, parking areas, and other facilities;
- There are no particularly troublesome or unusual legal restrictions;
- There is no current dispute between the occupiers of the flats or any outstanding claims or losses; and the costs of repairs to the building are shared among the co-proprietors on an equitable basis.

Any additional assumption, or any found not to apply, is reported.

"Re-instatement cost" *is an estimate for insurance purposes of the current cost of rebuilding the Property in its present form* unless otherwise stated. This includes the cost of rebuilding the garage and permanent outbuildings, site clearance and professional fees, but excludes VAT (except on the fees).

Sellers or prospective Purchasers may consider it prudent to instruct a reinspection and revaluation after a period of 12 weeks (or sooner if appropriate) to reflect changing circumstances in the market and/or in the physical condition of the Property.

Energy Performance Certificate

Address of dwelling and other details

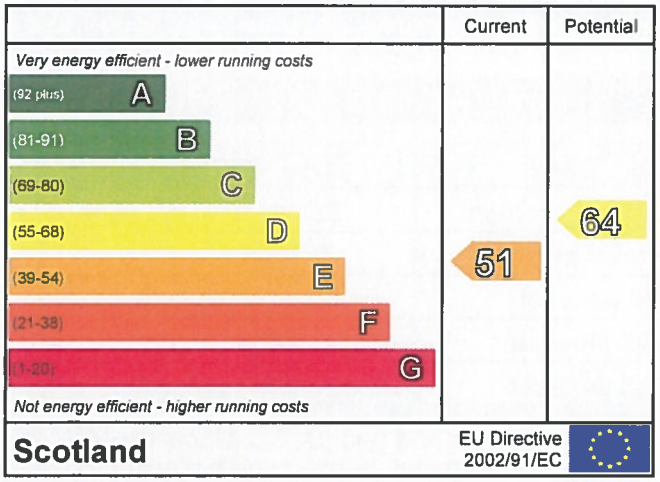
HUNDLAND BIRSAY
ORKNEY
KW17 2NB

Dwelling type:	Detached bungalow
Name of approved organisation:	BRE Certification
Membership number:	BREC000281
Date of certificate:	09 March 2009
Reference number:	2011-6427-7100-0827-0006
Total floor area:	116 m²
Main type of heating and fuel:	Boiler and radiators, oil

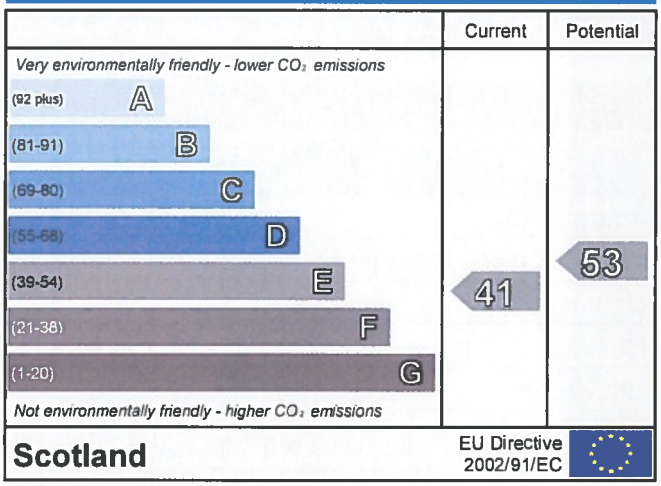
This dwelling's performance ratings

This dwelling has been assessed using the RdSAP 2005 methodology. Its performance is rated in terms of the energy use per square metre of floor area, energy efficiency based on fuel costs and environmental impact based on carbon dioxide (CO_2) emissions. CO_2 is a greenhouse gas that contributes to climate change.

Energy Efficiency Rating



Environmental Impact (CO_2) Rating



The energy efficiency rating is a measure of the overall efficiency of a home. The higher the rating the more energy efficient the home is and the lower the fuel bills are likely to be.

The environmental impact rating is a measure of a home's impact on the environment in terms of carbon dioxide (CO_2) emissions. The higher the rating the less impact it has on the environment.

Approximate current energy use per square metre of floor area: 302 kWh/m² per year

Approximate CO_2 emissions: 66 kg/m² per year

Cost effective improvements

Below is a list of lower cost measures that will raise the energy performance of the dwelling to the potential indicated in the tables above. Higher cost measures could also be considered and these are recommended in the attached energy report.

1 Increase loft insulation to 270 mm
2 Cavity wall insulation
3 Low energy lighting for all fixed outlets

A full energy report is attached to this certificate

energy saving recommended

Information from this EPC may be given to Energy Saving Trust to provide advice to householders on financial help available to improve home energy efficiency.

For advice on how to take action and to find out about offers available to help make your home more energy efficient, call 0800 512 012 or visit www.energysavingtrust.org.uk

N.B. THIS CERTIFICATE MUST BE AFFIXED TO THE DWELLING AND NOT BE REMOVED UNLESS IT IS REPLACED WITH AN UPDATED VERSION

Energy Report

The Energy Performance Certificate and Energy Report for this dwelling were produced following an energy assessment undertaken by a member of BRE Certification. This is an organisation which has been approved by the Scottish Ministers. The certificate has been produced under the Building (Scotland) Amendment Regulations 2006 and a copy of the certificate and this energy report have been lodged on a national register.

Assessor's name: Elizabeth Eva Wright
Company name/trading name: Orkney Islands Council
Address: Orkney Energy Agency, 26, Bridge Street, Kirkwall, Orkney, KW15 1HR
Phone number: 01856 870 534
Fax number: 01856 870 534
E-mail address: elizabeth@orkneyenergyagency.co.uk
Related party disclosure:

Estimated energy use, carbon dioxide (CO_2) emissions and fuel costs of this home

	Current	Potential
Energy use	302 kWh/m² per year	227 kWh/m² per year
Carbon dioxide emissions	7.6 tonnes per year	5.7 tonnes per year
Lighting	£70 per year	£56 per year
Heating	£932 per year	£653 per year
Hot water	£185 per year	£185 per year

Based on standardised assumptions about occupancy, heating patterns and geographical location, the above table provides an indication of how much it will cost to provide lighting, heating and hot water to this home. The fuel costs only take into account the cost of fuel and not any associated service, maintenance or safety inspection. This certificate has been provided for comparative purposes only and enables one home to be compared with another. Always check the date the certificate was issued, because fuel prices can increase over time and energy saving recommendations will evolve.

About the building's performance ratings

The ratings on the certificate provide a measure of the building's overall energy efficiency and its environmental impact, calculated in accordance with a national methodology that takes into account factors such as insulation, heating and hot water systems, ventilation and fuels used.

Not all buildings are used in the same way, so energy ratings use 'standard occupancy' assumptions which may be different from the specific way you use your home.

Buildings that are more energy efficient use less energy, save money and help protect the environment. A building with a rating of 100 would cost almost nothing to heat and light and would cause almost no carbon emissions. The potential ratings in the certificate describe how close this building could get to 100 if all the cost effective recommended improvements were implemented.

About the impact of buildings on the environment

One of the biggest contributors to global warming is carbon dioxide. The way we use energy in buildings causes emissions of carbon. The energy we use for heating, lighting and power in homes produces over a quarter of the UK's carbon dioxide emissions and other buildings produce a further one-sixth.

The average household causes about 6 tonnes of carbon dioxide every year. Adopting the recommendations in this report can reduce emissions and protect the environment. You could reduce emissions even more by switching to renewable energy sources. In addition there are many simple everyday measures that will save money, improve comfort and reduce the impact on the environment. Some examples are given at the end of this report.

Summary of this home's energy performance related features

The following is an assessment of the key individual elements that have an impact on this home's performance rating. Each element is assessed against the following scale: Very poor / Poor / Average / Good / Very good.

Elements	Description	Current performance	
		Energy Efficiency	Environmental
Walls	Cavity wall, as built, no insulation (assumed)	Poor	Poor
Roof	Pitched, 100 mm loft insulation	Average	Average
Floor	Solid, no insulation (assumed)	-	-
Windows	Fully double glazed	Average	Average
Main heating	Boiler and radiators, oil	Average	Average
Main heating controls	Programmer, room thermostat and TRVs	Average	Average
Secondary heating	None	-	-
Hot water	From main system	Average	Average
Lighting	Low energy lighting in 75% of fixed outlets	Very good	Very good
Current energy efficiency rating		E 51	
Current environmental impact (CO_2) rating			E 41

Low and zero carbon energy sources

These are sources of energy (producing or providing electricity or hot water) which emit little or no carbon dioxide into the atmosphere.

There are none applicable to this home.

Recommended measures to improve this home's energy performance

The measures below are cost effective. The performance ratings after improvement listed below are cumulative, that is they assume the improvements have been installed in the order that they appear in the table. However you should check the conditions in any covenants, warranties or sale contracts, and whether any legal permissions are required such as a building warrant, planning consent or listed building restrictions.

Lower cost measures (up to £500)	Typical savings per year	Performance ratings after improvement Energy efficiency	Environmental
1 Increase loft insulation to 270 mm	£56	E 53	E 43
2 Cavity wall insulation	£227	D 63	E 53
3 Low energy lighting for all fixed outlets	£10	D 64	E 53
Sub-total	**£293**		
Higher cost measures			
4 Replace boiler with Band A condensing boiler	£49	D 66	D 55
Total	**£342**		
Potential energy efficiency rating		D 66	
Potential environmental impact (CO_2) rating			D 55

Further measures to achieve even higher standards

The further measures listed below should be considered in addition to those already specified if aiming for the highest possible standards for this home. Some of these measures may be cost-effective when other building work is being carried out such as an alteration, extension or repair. Also they may become cost-effective in the future depending on changes in technology costs and fuel prices. However you should check the conditions in any covenants, warranties or sale contracts, and whether any legal permissions are required such as a building warrant, planning consent or listed building restrictions.

5 Solar water heating	£38	D 67	D 57
6 Solar photovoltaic panels, 2.5 kWp	£159	C 76	D 65
7 Wind turbine	£47	C 78	D 68
Enhanced energy efficiency rating		C 78	
Enhanced environmental impact (CO_2) rating			D 68

Improvements to the energy efficiency and environmental impact ratings will usually be in step with each other. However, they can sometimes diverge because reduced energy costs are not always accompanied by a reduction in carbon dioxide (CO_2) emissions.

About the cost effective measures to improve this home's performance ratings

If you are a tenant, before undertaking any work you should check the terms of your lease and obtain approval from your landlord if the lease either requires it, or makes no express provision for such work.

Lower cost measures (typically up to £500 each)

These measures are relatively inexpensive to install and are worth tackling first. Some of them may be installed as DIY projects. DIY is not always straightforward, and sometimes there are health and safety risks, so take advice before carrying out DIY improvements.

1 Loft insulation

Loft insulation laid in the loft space or between roof rafters to a depth of at least 270 mm will significantly reduce heat loss through the roof; this will improve levels of comfort, reduce energy use and lower fuel bills. Insulation should not be placed below any cold water storage tank, any such tank should also be insulated on its sides and top, and there should be boarding on battens over the insulation to provide safe access between the loft hatch and the cold water tank. The insulation can be installed by professional contractors but also by a capable DIY enthusiast. Loose granules may be used instead of insulation quilt; this form of loft insulation can be blown into place and can be useful where access is difficult. The loft space must have adequate ventilation to prevent dampness; seek advice about this if unsure. Further information about loft insulation and details of local contractors can be obtained from the National Insulation Association (www.nationalinsulationassociation.org.uk). It should be noted that building standards may apply to this work.

2 Cavity wall insulation

Cavity wall insulation, to fill the gap between the inner and outer layers of external walls with an insulating material, reduces heat loss; this will improve levels of comfort, reduce energy use and lower fuel bills. The insulation material is pumped into the gap through small holes that are drilled into the outer walls, and the holes are made good afterwards. As specialist machinery is used to fill the cavity, a professional installation company should carry out this work, and they should carry out a thorough survey before commencing work to ensure that this type of insulation is suitable for this home and its exposure. They should also provide a guarantee for the work and handle any building standards issues. Further information about cavity wall insulation and details of local installers can be obtained from the National Insulation Association (www.nationalinsulationassociation.org.uk).

3 Low energy lighting

Replacement of traditional light bulbs with energy saving recommended ones will reduce lighting costs over the lifetime of the bulb, and they last up to 12 times longer than ordinary light bulbs. Also consider selecting low energy light fittings when redecorating; contact the Lighting Association for your nearest stockist of Domestic Energy Efficient Lighting Scheme fittings.

Higher cost measures (typically over £500 each)

4 Band A condensing boiler

A condensing boiler is capable of much higher efficiencies than other types of boiler, meaning it will burn less fuel to heat this property. This improvement is most appropriate when the existing central heating boiler needs repair or replacement, but there may be exceptional circumstances making this impractical. Condensing boilers need a drain for the condensate which limits their location; remember this when considering remodelling the room containing the existing boiler even if the latter is to be retained for the time being (for example a kitchen makeover). Building regulations may apply to this work, so it is best to obtain advice from your local authority building standards department and from a qualified heating engineer.

About the further measures to achieve even higher standards

Further measures that could deliver even higher standards for this home. You should check the conditions in any covenants, planning conditions, warranties or sale contracts before undertaking any of these measures. If you are a tenant, before undertaking any work you should check the terms of your lease and obtain approval from your landlord if the lease either requires it, or makes no express provision for such work.

5 Solar water heating

A solar water heating panel, usually fixed to the roof, uses the sun to pre-heat the hot water supply. This will significantly reduce the demand on the heating system to provide hot water and hence save fuel and money. The Solar Trade Association has up-to-date information on local installers and any grant that may be available or call 0800 512 012 (Energy Saving Trust). Building regulations may apply to this work.

6 Solar photovoltaic (PV) panels

A solar PV system is one which converts light directly into electricity via panels placed on the roof with no waste and no emissions. This electricity is used throughout the home in the same way as the electricity purchased from an energy supplier. The British Photovoltaic Association has up-to-date information on local installers who are qualified electricians and on any grant that may be available, or call 0800 512 012 (Energy Saving Trust). Planning restrictions may apply in certain neighbourhoods and you should check this with the local authority. Building regulations may apply to this work, so it is best to obtain advice from your local authority building standards department and from a suitably qualified electrician.

7 Wind turbine

A wind turbine provides electricity from wind energy. This electricity is used throughout the home in the same way as the electricity purchased from an energy supplier. The British Wind Energy Association has up-to-date information on suppliers of small-scale wind systems and any grant that may be available, or call 0800 512 012 (Energy Saving Trust). Wind turbines are not suitable for all properties. The system's effectiveness depends on local wind speeds and the presence of nearby obstructions, and a site survey should be undertaken by an accredited installer. Planning restrictions and/or building regulations may apply and you should check this with the local authority.

What can I do today?

Actions that will save money and reduce the impact of your home on the environment include:

- Ensure that you understand the dwelling and how its energy systems are intended to work so as to obtain the maximum benefit in terms of reducing energy use and CO_2 emissions.
- If you have a conservatory or sunroom, avoid heating it in order to use it in cold weather and close doors between the conservatory and dwelling.
- Check that your heating system thermostat is not set too high (in a home, 21°C in the living room is suggested) and use the timer to ensure you only heat the building when necessary.
- Make sure your hot water is not too hot - a cylinder thermostat need not normally be higher than 60°C.
- Turn off lights when not needed and do not leave appliances on standby. Remember not to leave chargers (e.g. for mobile phones) turned on when you are not using them.
- Close your curtains at night to reduce heat escaping through the windows.
- If you're not filling up the washing machine, tumble dryer or dishwasher, use the half-load or economy programme. Minimise the use of tumble dryers and dry clothes outdoors where possible.