

MALOSIAGA GAFA TAULIMAINA ENERGY EFFICIENCY

E MAFAI ONA MATOU FESOASOANI IA TE 'OE. WE CAN HELP YOU.

I lenei vaitau o tele o fefaatauaiga o malosiaga gafataulimaina, ua avea o se leo masani i soo se atina'e. Tusa lava poo le a le lelei ma le anagata o faitoto'a ma faamalama o fale, e iai lava vaega e le mafai ona oo iai lea malosiaga moomia. Ia matou galuega faata'ita'i, e mafai ona e iloa ai isi vaega o le a taunuu iai.

O faaletonu i le faapipiina, pei o va o paipa ma vaega e faaalu ai le vevela, e apoia gofie e le sau ma isi vaega faapena, o faaletonu i le faapipiina o faitoto'a ma faamalama, ua le faamalalaina ai oe i tulaga e tataua ona ausia.

In today's market place energy efficiency is a buzz word for almost any project. Even if you put in the best windows and doors, you can still be losing the energy battle in other areas of the home.

Through our testing services you can see what other issues you may be having.

Bad insulation, gaps around pipes and outlets, moisture penetration and other issues can make your door and window installation look like it is not performing to expectations.

HE KŌRERO WHAKAMĀRAMA. ABOUT US.

O le alii o Malcom Pasley ua iai le tomai faapitoa ma le agavaa i le tele o tausaga mo le faaaogaina o mea faigaluega eseese. (pei o thermography). Aoaoina faapitoa i vaega ia, e tulaga 1 (muamua) i A'oga faapitoa i Suetena (Sweden). I le 2014 na ia amataina ai se tasi o faa lauiloa maoa'e o le suesueina o tulaga o faitoto'a ma isi. O lenei faalauiloa na amataina mai Kanata ma faaigoina o le Retrotec. Ausia le tulaga 1 na moomia, ma le vaega 2 o le agava'a faapitoa.

O Malcom o se sui faapitoa o le Faalapotopotoga Faavaomalo mo Fale Talafeagai, o loo faamautu i Europa, ae o loo iai ona lala mo fefaatauaiga i Niu Sila.

O Malcom e iai foi lona tomai mo le faaleleia o fale, aemaise o le poto lautele i le faaaogaina o mea faigaluega ma le suesueina o vaega e ono auala mai ai le sau poo le susu i totonu o fale.

Malcolm Pasley has several years' experience as a trained specialist in the use of Thermal Imaging known as Thermography, and has Level One training from the "Infrared Training Centre", based in Sweden. Also since 2014 he has integrated another powerful diagnostic tool, the "Blower Door Testing" technology developed by Canadian giant "Retrotec" and passed their required Level 1 and 2 qualifications.

Malcolm is also a member of the "International Passive House Association" a European based international organisation with a sales/standards branch in New Zealand.

Malcolm has a background in building maintenance and a wide range of experience in Thermography, Blower Door Testing and moisture detection.

MASINI E MATA'ITUINA AI. THERMAL IMAGING.

O masini o loo mata'ituina ai vaega uma ia, o loo faagaioia e se tama'i mea pu'eata mumu, o loo ia mata'ituina vaega uma o loo alu'ese ai le vevela. E tele vaega o soo se fale e mafai ona maumau ai lea malisoaga, aemaise lava faitoto'a ma fa'amalama.

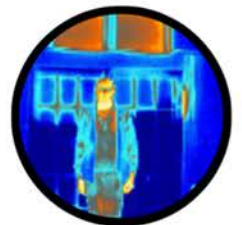
Ua mafai ona matou faatinoina auunaga mautu pei o le asiasia ma su'esu'eina vaega faaletonu.

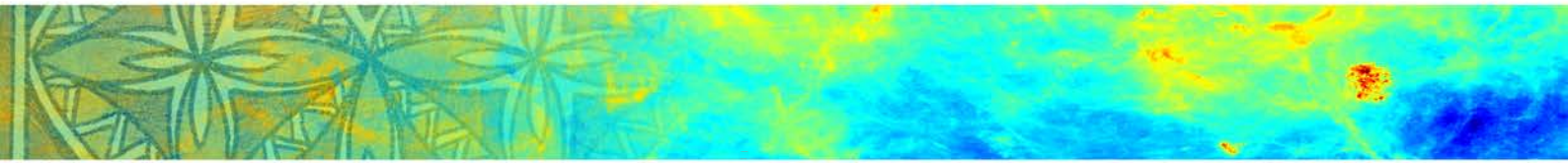
O loo matou faamautu nei i Nelson, ae mafai ona asiasia soo se vaega o le atunu'u.

Thermal Imaging is performed with an infra-red heat sensitive camera that clearly shows areas where heat is escaping.

There are many areas of a home that loose vast amounts of energy besides the windows and doors.

We provide confidential pre-purchase "Thermal Inspections & Moisture Surveys" and are based in Nelson but travel the region.





AUAUNAGA. SERVICES.

ASIASIA MA LE SU'ESUEINA O LE SUSU(SAU). THERMOGRAPHY INSPECTION & MOISTURE SURVEY.

FAALELEIA MA LONA TAU TOTOGI MUAMUA
PRE PURCHASE & MAINTENANCE

O le tuufaatasia o vaega ia e lua,pei o masini e mataituina ai, ma le faailo mo le su'esu'eina o faitoto'a , o se auala faigofie lea e faailoa mai vaega susu, tulaga ua taetae palapalaloa, maise tulaga ua le talafeagai i soo se fale, ma ua tatau ai ona toe siakiina Itulaga faaletonu o le faapipiina poo se mama mai se ala'ea.

Infrared Thermal Imaging combined with Blower Door testing is the easiest method to indicate moisture, mold and anomalies on building surfaces that include a check for insulation faults and air leakage.

FAATAITAIGA MAUTU O LE 'EA TALAFEAGAI MO FALE. PASSIVE HOUSE AIR TIGHTNESS TESTING.

SUESUEGA MAUTU O LE 'EA I FALE
AIR TIGHTNESS TESTING

E iai se masini faapitoa ua faaaogaina e fuaina le maopoopo o le 'ea i totonu o se maota. E mafai foi ona faaaogaina e fua ai le fegasolosi o le 'ea i totonu o fale. E mafai foi e lea masini ona ta'u ma faailoa mai se vaega o le fale o loo mama poo liki ai foi le 'ea. A blower door is a machine used to measure the air tightness of buildings. It can also be used to measure airflow between building zones, to test duct-work air tightness and to help physically locate air leakage sites in the building envelope.

O fale sili ona anagata mo se faataitaiga, o fale ia e atagia ai ata ose fale fausia ise tulaga maualuga, e maualalo le eletise faaalu, itiiti foi vaega e alu ai le 'ea, maise o le fesootaiga ma isi malosiaga. E ui ina taugata le faia o ia tulaga e tumau lava aiaiga uma, ia taofiofi le 'ea faa alu, faaititia le malosiaga maumau. O vaega taua uma ia a faatinoia ua malu faaaoga ai le malosiaga.

The most efficient homes, for example "Passive House" designs, act like an esky. Highly insulated, low U value (low conductivity) glazing and extremely low air leakage in addition to correct solar orientation. While retrofitting to this standard is expensive, the principles remain, reducing the conditioned air leaving the house and restricting energy loss through conduction are the best improvements that can be made to increase energy efficiency.

MASINI E MATA'ITUINA AI VAEGA MOOMIA. ELECTRICAL SWITCHBOARD THERMAL IMAGING.

Mata'ituina ai faafitauli tau eletise. (vaega talafeagai e faatuina ai masini, ma le siakina o le uaeina) faatasi ai ma se fai eletise resitalaina.

Checking for electrical faults. (Switchboard hot spots and wiring inspections) together with a Registered Electrician.

FAATA'ITA'IGAMAUTU. NON DESTRUCTIVE TESTING.

O loo faaaogaina lenei auala i le tele o fale faigaluega, e aofia ai le Faa inisia, meatotino, Galuega faa gataifale, galuega lautele ma femalagaiga i le 'ea.Mata'ituina o faafitauli tau eletise.(tulaga talafeagai e faatuina ai masini, siakiina o le uaeina) faatasi ma le auai o se fai eletise resitaraina.

Siakiina 'ea, ausa aemaise o vaega o mama pe tafe mai ai le vai.

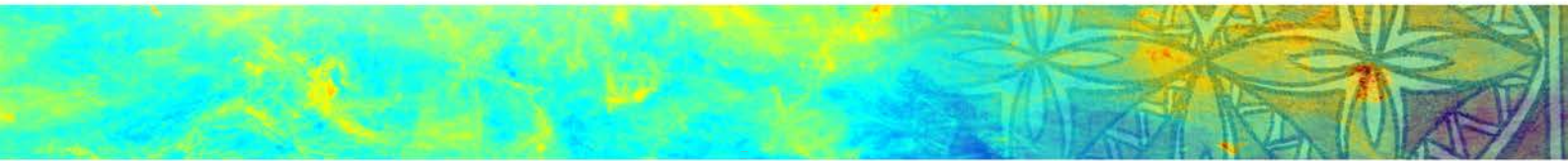
Asiasiga o mea totino lautele poo le umia sa'oloto foi'(sautia, faapipiina o mea moomia maise o fale e tutulu.

This is used in a range of industries – including Engineering, Property, Marine, Industrial and Aviation.

Checking for electrical faults. (Switchboard Hot Spot and Wiring Inspections with a Registered Electrician)

Checking for Gas, Air, Steam and Water leaks.

Commercial and private property inspections. (Moisture, Insulation and Leaky homes).



AUAUNAGA. SERVICES.

PU'EINA O ATA MAI LE 'EA MA MASINI FAAALI AI ATA A LE U A V. UAV AERIAL PHOTOGRAPHY & VIDEO.

O le faapipiina(faaaogaina) o auala faa onapo nei aemaise foi o le pota ma le tomai ua tuu faatasia ai auala uma, ua tula'i mai ai ise tulaga maualuga tele auaunaga uma a le UAV i totonu o le atunu'u.

Utilising some of the latest technology and sophisticated aircraft & camera systems we deliver some of the highest quality and best value UAV services available in the region.



TA'UTINOGA. TESTIMONIALS.



Faagaetia ina ua mafai ona faatauina atu lo matou fale. Faafetai i le ripoti saunia lelei a le Thermfit ua faailoa atu ai se talitonuga atoatoa lelei ia i latou o fia faatauina ia fale. O lea foi ripoti maoa'e ua ua faaitiitia ai le taimi alu, ae ua mafai ai foi ona faatauina le fale sa matou moemiti iai. Oute fiafia e faailoa i soo se tagata ina ia faaoga lena auaunaga mo le faatauina atu o fale.

It's great to finally sell our house. Thanks for the great report which gave our buyers the confidence to complete the sale. Without the Thermfit report you have provided we would probably still be having open homes and unable to purchase our dream home. I would recommend anybody to use this great marketing tool to help sell their home..

- T Watson, Brightwater



Sa faailoa mai ia te a'u ina ia ou faaaogaina le auaunaga a le Thermfit ina ia mautinoa ai le tulaga o iai le fale a'o lei faia iai nisi galuega faalelei mo le faatauina atu. O a'u o se kamuta, a'o faamatalaga na aumai i lea ripoti ua faasaoaina ai le tele o lo'u taimi. Faafetai tele mo le ropoti ma galuega lelei sa faia. It was recommended to me to use the service provided by Thermfit to ensure the quality of my home before doing any further renovations and listing the house for sale. I am a carpenter and the information provided in the report saves a lot of extra work. Thanks for the great report and inspection service.

- F Riley, Stoke

O auala uma ma mea faigaluega sa faamalamalama auiliili mai ia matou ina ua matou taunuu mai. Faatinoina se su'esuega talafeagai ma auala moomia, ma fuafuaga lelei mo i latou o le a nofo totogi i lena nofoaga.

The testing technique and equipment were clearly explained to us on arrival. The survey was carried out methodically and efficiently, with consideration for the extended family renting the property.

- G Clover, Richmond



E fia faafetaia le alii o Malcolm mo le auaunaga na faatino i le aso Toonai. Sa matou le mautonu lava i le faatauina o se fale, ae o le vave faatino o le siakina o le fale, ma le vave faamatu'uina mai o le ripoti ua taunuu manuia ai. O Malcolm ose profesia i lona tomai, aemaise ana mea faigaluega, ose itu taua mo le Thermfit. Ua ma talitonu ma Anna ona o le saunia lelei o lea ripoti faatasi ma lona faalauiloaina mai ua o se vaega taua tele.

I just want to say a big thank you to Malcolm for the very efficient service he provided us last Saturday. As we were going unconditional on a house purchase, it was important we got the house quickly checked, so we really appreciate the quick report. Malcolm is very professional and knowledgeable with his equipment and I just want to say that he is a real asset to Thermfit. Anna and I felt quite assured that the report he provided would be professional and are happy with the report presentation.

- M Stevens, Murchison

