

straight up

THE MAGAZINE OF THE BUILDING OFFICIALS' INSTITUTE OF NEW ZEALAND

JUNE/JULY 2012



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SENIOR BUILDING CONTROL OFFICERS' FORUM

23 – 24 AUGUST 2012
CHRISTCHURCH

This significant two day event has been designed for Senior Building Control Professionals, Government Officials and others interested in this industry at management level

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- Enhances skills by providing a platform to lead, direct and motivate others
- A combination of presentations, case studies and interactive sessions for attendees to share common challenges and joint solutions

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From the CEO

TEAMWORK – RARE BUT INVALUABLE

There are many people with views on teamwork, but I believe it is a rare experience in its purest form. Every business looks to achieve it, but what is it?

In my view it is about a group of people who share an equal commitment to their work and working together, often in ways removed from the normal experiences of most.

I have worked in about 4 consistently high performing teams, and each of these has involved individuals whose passions and commitments have extended beyond their own personal needs. The results have been great for the business and the rewards even greater for the individuals.

Team work doesn't happen by accident, it requires the willingness to accept a vision, work with others who are unequal in experience, talent and education, but are equal in their commitment and bring their own special strengths and contributions to the big picture.

With the above in mind, events over the last 18 months have been largely a result of superb teamwork. In a not-for-profit the biggest team, is the membership at large. With a few exceptions most of our Institute members have been complementary of our objectives, programmes and results. To get well over 1000 members in support is no mean feat. So how did we achieve this in this economic environment?



The answer is empowering a lot of smaller teams and throwing egos out the window. So here is my view on the exceptional teams that have contributed to our 2011 and early 2012 outcomes:

- The Institute's Board – ably led with a clear collective vision.
- The Branches – all nine have had a stellar year and will continue to provide support at a local level.
- The Training Academy Team and the hard working and supporting course writers and trainers, who have delivered quality materials and products under stressful time pressures
- The HR Division Team, who created a new support process to allow the Institute to create opportunities in this area.
- The Accounts Team – their massive commitment to detail and improvement allows others to achieve their goals with minimum fuss.
- The Special Training Project Teams and their generous employers, who have allowed us to put new CPD courses into the market.
- The Stakeholder Project Teams that mean we achieve better outcomes by working together and sharing our skill sets.
- ...and the list goes on, but you can see that teamwork in BOINZ involves lots of teams and lots of people. Often teams are made up of the same people, but every one of these teams comprise of individuals with an equal commitment to achieving goals.

So in conclusion, I would like to say something that I didn't get a chance to say at Conference (because it is your conference - not mine) and that is a big thank you to all the many many people (whether they be members, stakeholders or friends) who have made up the Institute's team(s) over the last 18 months – Job well done.



Australian Institute of Building Surveyors

AIBS CELEBRATE 50 GOLDEN YEARS IN 2012.

The AIBS 2012 International Conference is a don't miss opportunity to update your knowledge of Building Surveying on a local, national and global level, celebrate with your peers from around the country and the world and network with contacts from the Building Surveying and related industries.

The conference is being held at the stylish Crown Promenade Hotel in Melbourne, Victoria (the birthplace of the AIBS) from **Sunday 21 October to Wednesday 24 October 2012.**

Mark your diary and begin making travel plans now to come and join us in Melbourne in 2012. Bring your partners and turn the week into a

great getaway in cosmopolitan Melbourne. Don't forget your essential hat for the spring racing carnival season.

To find out more visit - <http://www.aibs.com.au/>

NEW ZEALAND CONFERENCES

Sustainable Housing Summit 2012

HELPING YOU DELIVER EFFICIENT, AFFORDABLE HOMES FOR NEW ZEALANDERS

SAVE THE DATE

27 JUNE
Sustainable Housing Summit Plenary Day

28 JUNE
Sustainable Housing Master Classes

Find out more visit - <http://www.nzgbc.org.nz/>

2012 SUSTAINABLE HOUSING SUMMIT

NZGBC
NEW ZEALAND GREEN BUILDING COUNCIL

Sustainable Housing Summit Plenary Day

New Zealand Green Building Council

Save the Date: 27 June 2012

Location: Viaduct Events Centre

The Inaugural Sustainable Housing Summit is your opportunity to hear the latest in national and international thinking on green homes, participate in debate and discussion, and network with like-minded peers. We will be investigating the political, economic and technical issues facing the residential building sector, with a sustainable lens.

Contact : events@nzgbc.org.nz

Sustainable Housing Master Classes

New Zealand Green Building Council

Save the Date: 28 June 2012

Location: Viaduct Events Centre

Each session of the Master Classes will be a full day and presented by several industry leaders and experts in their field. There will be plenty of opportunity to discuss ideas and further your knowledge to operate in the new green building environment in New Zealand. ...

Early bird registrations will be available from February 2012 (conditions apply) don't miss the innovation ideas and opportunities designed to expand your business, widen your vision, and stimulate your thinking with the latest best practices and key players in building, business and design.

Contact : events@nzgbc.org.nz

Wood Conference on Timber Engineering

16 – 19 July 2012 Auckland

The objective of the WCTE 2012 is to provide a forum for the exchange of the latest technological advances, research results and design innovations. This conference will be of interest to practicing engineers and architects, researchers, educators and manufacturers in the field of timber engineering.

<http://www.conference.co.nz/wcte2012>

Building Official Institute of New Zealand 2012 Conference Highlight

This year's 2012 Building Officials Institute of New Zealand Conference was a major success, with Auckland's Viaduct Events Centre playing host to nearly 300 delegates from all over the country.

Being my first BOINZ Conference, I was astounded by the amount of genuine interest and passion radiating from the delegates. As I mixed and mingled with those who attended the popular networking sessions, I was infiltrated with an abundance of industry information. From the first day it became quite clear that the BOINZ Conference was the time where once a year, all the voices, knowledge, and personalities who are the backbone of the building industry, come together and share their passion for what they know best.

Membership Co-ordinator Kristina Vluggen had a few highlights of her own, explaining that "This was my first Conference, so I was naturally unsure of what to expect, and leading up to the event felt a mixture of nerves and excitement. The definite highlight for me was meeting the Branch Chairs and Secretaries and so many of our members". Kristina especially "enjoyed and appreciated the opportunity to get to know you all on both a professional and personal level".

From the amount of positive feedback we have received, we can proudly say that most of you found the keynote speakers insightful, the technical programme educational and the networking events paramount to strengthening relationships between all of those within the building industry.

Brenda McIndoe, winner of our 'Emerging Leader' award has "only positive feedback for the conference" in which she thought



Wayne Goodfellow, Phil Saunders, Richard London



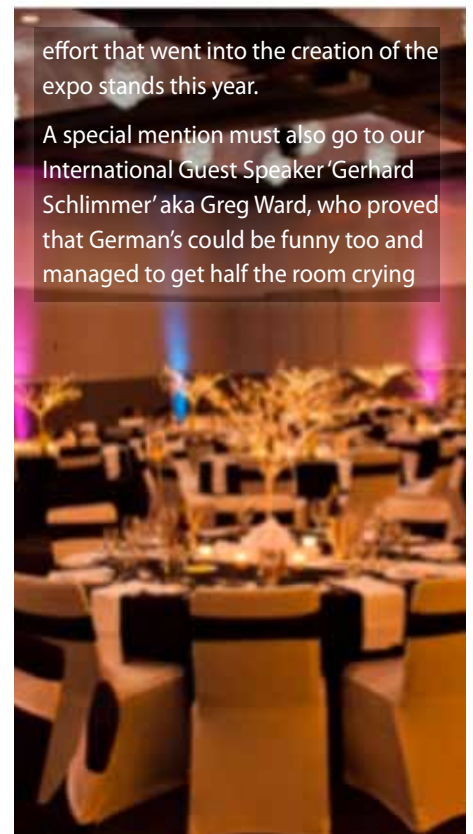
the "speakers were very inspirational, organisation superb, venue great and the time away from work well worthwhile".

Sarah Smith of the Waimakariri District Council had only positive comments to make about this year's conference, claiming that she "would never like to miss one from here on in". Sarah also found the "keynote speakers great, the dinner wonderful and the entertainment fun".

The high calibre of exhibitors only reinforced this year's motto of 'enhancing professionalism'. Russell Cullen of Pryda and also a new member of BOINZ emphasised the importance of attending conferences that offer attendees the best value and felt that the BOINZ Conference offered him this. We were very impressed with the turnout of stalls this year and hope that all attendees appreciated all the

effort that went into the creation of the expo stands this year.

A special mention must also go to our International Guest Speaker 'Gerhard Schlimmer' aka Greg Ward, who proved that German's could be funny too and managed to get half the room crying





with laughter, and the other half utterly confused.

The Gala dinner was also a great success and the announcement of the Excellence Award winners honoured those who had made a difference within BOINZ and therefore the industry itself. The music quiz was a definite highlight, with everyone getting their competitive spirit out to play. The true value in this event however lies in the ability to network with those who you might not get to otherwise, and I hope you all took advantage of the numerous networking opportunities.

Lastly, a huge thank you must go out to our sponsors for all the support they give to BOINZ. GIB – our platinum sponsor, MiTek – our Gold sponsor, Kop-Coat and Rockcote – our Silver sponsors and Standards NZ – our bronze sponsor. Without them we would not have been able to deliver such an outstanding conference for you all to learn from and enjoy.

Rotorua Energy Events Centre and Sudima Hotels Rotorua very kindly

supplied us with competitions prizes, in which Dave Thompson and Robin Bradshaw each won a weekend away in Rotorua.

Now that we have made our way through 2012's conference, we are more than excited for 2013's conference in sunny Rotorua. We have set ourselves high

standards this year, but promise to deliver an un-miss able event next year – and we hope to see you all there!

Michelle Te Ohaere – Marketing and Events Manager on behalf of the National BOINZ office.



Congratulations must go to the winner of the 2012 Expo stand of the year - Bostik .

Building Officials Institute of New Zealand's 2012 Excellence Awards Winners

STANDARDS NEW ZEALAND

Contribution to Technical and Legislative Improvements Award

This award goes to the individual who has excelled in contributing to advancing the technical and/or legislative understand of members.

This gentleman will be known to many as an active member of BOINZ. In his role he travels constantly as a member of various local and central government industry groups and committees. He has been known to star on the television often fronting contentious industry issues. His roles within the sector have been diverse culminating in senior leadership. He is not a stranger to offering solutions to diverse and complex issues and is often seen as the go to guy for solutions. This individual now works within the largest local government organisation in New Zealand and is soon to seek retirement – but we don't know if he knows what that means. Please welcome to the stage to accept the Standards New Zealand Contribution to Technical and Legislative Improvements Award – A BOINZ life member and recent board member Mr Bob de Leur.

MITEK NZ

Training Commitment Award

This award goes to the individual or organisation that has committed to significantly improving the position of training in their field.

The award this year will take on a slightly different dimension in that we are honouring two individuals that have at their own expense contributed time and resource to the development of a new partnership CPD training course for institute members. One individual works in private industry, the other for a territorial authority. They come from different towns and have managed to work together through a series of meetings and electronic communications with our industry partner. Both have a good sense of humour and are committed to industry best practice. Each knows the requirements of our members and each in their own way have contributed as individuals to the institute as well. Both have the respect of their employers and both receive support from their employers in this recent collaboration. The project was the BOINZ/MRM Metal Roofing and Wall Cladding Best Practice training course. Let's welcome to the stage Mr David Eccles – Hall from Roofing Industries Ltd and Mr Derek Staines from the Hutt City Council.

WINNER: Bob de Leur



Left: Nick Hill (CEO, Building Officials Institute of NZ, Right: Bob de Leur of Auckland Council (Award winner)

WINNER: Joint winners Mr Derek Staines and Mr David Eccles- Hall



Left: Daniel Scheibmair of MiTek Centre: Derek Staines of Hutt City Council (Award winner) Right: David Eccles- Hall of Roofing Industries Ltd (Award winner)

ROCKCOTE SYSTEMS

Emerging Leader Award

This award is given to an individual who has shown exceptional leadership skills at a local and / or national level and whose actions have grown the value of BOINZ among members.

This person started their building industry career as a drafts person before moving into the world of private certification working for a nationwide company in the area of custom service and administration. Over the years a career move to building consent processing developed before the organisation was absorbed into a local government territorial authority. This drive to pursue elevation is based around a personal pursuit of fitness and travel. The individual is known to have grown asparagus and recently visited the Everest base camp at Kathmandu. The basis of this award has been around a strong commitment to their local branch where their involvement due to recent catastrophic events came to the fore. This person is confident in a male orientated field as proven by being one of the first female building consent processors in her locality. She is an organiser, a detail person who has committed to getting her branch back on its feet. Ladies and Gentlemen please welcome to the stage the branch secretary from the Canterbury Westland Branch, Brenda McIndoe.

CONTRIBUTION TO BOINZ AWARD

This award is given to the individual or organisation that has made a significant impact to the advancement of BOINZ in the market place.

Since becoming a member of the Institute, this person has consistently inputted 100% effort to the Institute and his branch. Year in and year out his fellow members have benefitted his generosity. He has traditionally sat in the background happy to let others take the limelight, but now it is his turn to shine. This individual is more unique than most within the institute in that he owns and runs his own company and it is through this vehicle that he has selflessly contributed significant funds to his branch ensuring the smooth running of meetings. It is my great pleasure to welcome to the stage Mr Grant Brown of Conqra the convenor of venues for the Auckland branch. Ladies and Gentlemen let us show a warm welcome for Mr Grant Brown.

WINSTONE WALLBOARDS

Branch of the Year Award

The Branch Award is considered by the Institute's Board each year based on participation, innovation and member value at a local level

This branch has a relatively new but dedicated team in the driving seat. They tackle their geographical challenges and large representation of BCA's with a proactive mind set and attitude. The size and remoteness of the area that this branch covers could be seen as an impediment yet the executive team are creative in their approach to where and how branch meetings are held. They spice things up with interesting field trips. They don't have the membership numbers of some other branches but through a commitment to improving member knowledge and skill uptake they have achieved a good level of support and participation through 2011. We would like to welcome to the stage to accept the Winstone Wall Boards Branch of the Year Award.

RIGHT: Left: Phil Saunders (President of the Institute), Centre: Paddy Kilbride of Lakes Environmental Ltd and Barry Holsted of Invercargill City Council (Award winners) Right: Kevin Sceats (Senior Technical Advisor for GIB, Winstone Wallboards)

BELOW: Gala Dinner attendees from Southern Branch



WINNER: Brenda McIndoe



Left: Phil Saunders (President of the Institute), **Centre:** Mike Olds (General Manager of Rockcote Systems) **Right:** Brenda McIndoe of Waimakariri District Council (Award winner)

WINNER: Grant Brown

(convenor of venues for Auckland Branch)



Left: Phil Saunders (President of the Institute), **Centre:** Cameron Scott (General Manager of Kop-Coat NZ) **Right:** Grant Brown of Conqra (Award winner)

WINNER: Southern Branch

Paddy Kilbride - Chairman
David Holsted - Secretary





A great resource for your office or car.

Building Controls Fundamentals 2012

Available now

Book Contents:

The Building Act 2004 and amendments (consolidated with history notes). As at 14 April 2012.

The Building Code – Schedule 1 of the Building Regulations 1992 consolidated with history notes). As at 14 April 2012.

Building (Specified Systems, Change the Use, and Earthquake-prone Buildings) Regulations 2005 – SR 2005/32 with history notes and consolidated amendments of the Building (Specified Systems, Change the Use, and Earthquake-prone Buildings) Amendment Regulations 2005 – SR 2005/338. As at 14 April 2012.

Book Size:

A5 (approx.) Pages: 300 (approx.)

Visit our book store at www.boinz.org.nz

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GOVERNMENT REFORM

Local Government Efficiency Taskforce announced

In March the Government announced an eight point reform programme for local government.

The reforms are aimed at providing better clarity around the role of councils, stronger governance, improved efficiency and more responsible financial management.

They are part of the Government's broader programme for building a more productive, competitive economy and better public services.

A Local Government Efficiency Taskforce has recently been established to focus on improvements to local government consultation, planning and financial reporting requirements and practices, says Local Government Minister David Carter.

"This will feed into the broader reform programme which aims to provide clarity around the role of councils, stronger governance and improved efficiency and financial management."

The Taskforce will be chaired by Auckland environmental and public law specialist, Michael Holm. Other members are Kerry Prendergast, former Mayor of Wellington; Michael Barnett, Chief Executive of Auckland Regional Chamber of Commerce & Industry; Bill Bayfield, Chief Executive of Environment Canterbury; Stephen Parry, Chief Executive of Gore District Council; Pamela Peters, former Mayor of Whangarei; Debbie Packer, former Deputy Mayor of South Taranaki District Council; and Vanessa van Uden, Mayor of Queenstown Lakes.

"The wealth of experience of the Taskforce members, as elected representatives and at governance level, will be an asset in building a more efficient local government sector and helping to improve the legislative framework for New Zealand's 78 councils," says Mr Carter.

The Taskforce will report to the Minister at the end of October. This work will be fed into a second reform bill proposed for 2013.

Finalists picked for 2012 Public Sector Excellence Awards

The finalists for the 2012 gen-i Public Sector Excellence Awards have been announced today by the Institute of Public Administration New Zealand (IPANZ).

Held jointly between IPANZ and gen-i, the annual awards recognise and reward outstanding performances and achievements in the New Zealand public sector.

"The 27 finalists were chosen from more than 70 nominations coming in from across New Zealand," said IPANZ President Len Cook.

"The standard of entries continues to impress each year. At a time when Government is asking the public sector to provide more for less, these awards recognise a sector committed to achieving excellence, to embracing innovative ideas, and demonstrating real leadership."

"The awards are proof that the sector is delivering better services in new, more effective ways.

"This is one of the few occasions for the public sector to celebrate a job well done. We must reward the creative spirit within the public sector, and highlight projects that are leading the world in the way they deliver services to the public.

The finalists are divided across eight categories:

- Improving Public Value through Business Transformation
- New Professional of the Year
- Working Together for Better Services
- Networked Government
- Crown–Maori Relationships
- Public Sector Communications
- Improving Performance through Leadership Excellence
- Excellence in Ethnic Diversity

"This year's outstanding finalists underline the continuing strength of the awards and is proof that the sector is tackling old problems in new ways.

"The awards present a unique opportunity to showcase the stars in the public sector," said Mr Cook.

The Public Sector Excellence Awards recognise and reward outstanding

performances and work achievements of organisations and project teams in the New Zealand public sector. The Awards showcase the significant contribution of the wider public sector to meeting the needs of New Zealand and New Zealanders.

Winners of each category and the Prime Minister's Award for Public Sector Excellence will be announced at an awards dinner to be held at Wellington's TSB Arena on 27 June.

Details on each of the 27 finalists can be found at <http://ipanzawards.org.nz/events/2012-award-finalists>

About IPANZ

The Institute of Public Administration New Zealand (IPANZ) is a voluntary, non-profit organisation committed to promoting informed debate on public sector issues. Its membership comprises a wide range of professional advisers and managers in the public sector, university students and teachers, and interested people from the private sector. IPANZ arranges regular seminars for its members and interested people to provide information on and facilitate discussion of important questions of public policy and management.

www.ipanz.org.nz

Finalists in the 2012 IPANZ Gen-i Public Sector Excellence Awards include:

Society of Local Government Managers Award in Excellence for Working Together for Better Services

- DOC Aoraki/Mount Cook solid waste plant development – Department of Conservation, Mackenzie District Council and Timaru District Council

• Operation Suburb – Department of Building and Housing and Christchurch City Council

- angitoto/Motutapu pest eradication project – Department of Conservation
- Resolving historic claims of child abuse and neglect – Ministry of Social Development, Department of Internal Affairs and Ministry of Education



CONGRATULATIONS Bob de Leur

**Awarded - Honorary Officer of the
New Zealand Order of Merit:
For services to the Building Industry**

The Board Members and Staff of the Building Officials Institute wish to congratulate Bob de Leur on his receiving of the Honorary Officer of the New Zealand Order of Merit award for his services to the building industry as part of The Queen's Birthday and Diamond Jubilee Honours List 2012. This is an award given to an individual for a distinguished regional or national role in any field.

Bob de Leur has been a member of the Building Officials Institute of New Zealand since 1984, and provided much support and knowledge as a recent board member of BOINZ.

As a professional within our industry sector, Bob has few equivalent peers and is viewed as an elder statesman, bringing experience, skill and sound judgement to all situations he is engaged in.

From the late 1980's through to the organisational changes that are now Auckland Council and Bob's role as Manager Building Policy, for Auckland Council, Bob's role as Manager Building Policy, for Auckland City Environments, involved him in the general management of the Building Policy division, including Weathertightness Claims Resolution and an over arching role for all building control within Auckland City.

The diversity and complexity of this role covered the provision of Building policies and processes for operational implementation, including accreditation documentation. Bob also oversaw the implementation for the Building Act 2004 and was involved in the formation of the new building policy alignment with best practice initiatives.

Bob's expertise and sound judgement ensured he was a natural choice for the key media contact person for all building related matters.

With the onset of the Auckland local body amalgamation process, Bob was appointed co-sponsor for the Building Controls sector across the region.

As a member of numerous government working parties on various legislative matters, processes and strategies, and a presenter at many conferences associated within the Building Industry, Bob has the respect of all within the Institute.

We are sure you will all congratulate Bob on his receiving of such a prestigious and respected award and wish him the very best for his future endeavours.

Successful Training Partnership between DBH and BOINZ

– Delivering code clause c protection from fire update training

During February – May this year the Department of Building and Housing partnered with the Building Officials Institute of NZ to bring to BCA's and BCO's nationwide update sessions on the amended Code Clause C Protection from Fire, seven new Acceptable Solutions (replacing the current C/AS1).

The training was delivered by Nick Saunders and Gary Higham of the DBH and the Institute's very own trainer Alan Moule BEng(Hons), CMS, MIPENZ, CPEng, MIFireE, Principal Fire Engineer, of National Consultants Ltd.

Feedback Statistics:

Approximately 450 building officials with current work exposure to the Fire Documents attended the workshops, held nationwide. Of the 442 participants who completed the evaluation:

99% advised that the training provided the information they needed on the key changes to the fire safety framework;

97% considered that the workshops enabled them to become 'familiar' with the Acceptable Solutions; and

98% considered that the workshop answered their questions.

"It was essential to provide training that would directly assist Building Control Officers in the consenting process," said Kate Ryder, the Department's manager responsible for Sector Education. "Together the Department and BOINZ aimed to provide interesting and interactive workshops, conveying the right information for BCAs. Our organisations put a lot of effort into a new style of delivery that would enable the information to be readily understood, retained and applied."

Participants' comments show that they highly rated the new training style, particularly the interactive approach, quality of the training workbooks,

PowerPoint presentation, and the facilitators (Nick Saunders, Alan Moule and Gary Higham). The participants consistently provided feedback like this:

"Excellent delivery, good content. Valuable guidance information handed out to participants. More of the same for future courses. Thanks."

"Information sheets great help."

"Workbooks were a great innovation."

"Excellent and simplified presentation and workbook. Well done."

"This is one of the most valuable courses I have attended. Very well done."

"Excellent presenters, great course."

"A very engaging presentation."

"It seems to be a new approach to presenting the subject and I think it gets the subject across well."

"Presenter very knowledgeable and fantastic."

This successful partnership was aided by the input by a number of people who worked tirelessly behind the scenes:

The Institute wishes to acknowledge:

Charlotte Humphrey - contracted Training Advisor Sector Education to the DBH

Charlotte's flare and original approach enhanced the structure and delivery of the workshops, catering for the various learning styles of attendees. Her ability to take a very significant piece of core material and reframe the content into a fresh and well received structure was repeatedly commented on in the feedback received from attendees.

Kirsty Wallace - Senior Advisor Sector Education of the DBH

Kirsty was the tireless day to day link between DBH and BOINZ.

Louise Townsend - BOINZ's Training Academy Operations Manager

Who was the pivot in the daily relationship with DBH.

NEW - FIRE DOCUMENTS:

CODE CLAUSE C PROTECTION FROM FIRE (SMALL BUILDINGS) C/AS1 – C/AS7 COURSE

The Institute is pleased to bring to our members and clients our new two day

FIRE DOCUMENTS: CODE CLAUSE C PROTECTION FROM FIRE (SMALL BUILDINGS) C/AS1 – C/AS7 Course.

This high quality, Diploma recognised course will bring those with a desire and need for exposure in this area up to speed rapidly.

The Institute's drive to bring consistency to our members is mirrored by Alan Moule, through his time spent assisting with the development of the materials for the CODE CLAUSE C PROTECTION FROM FIRE UPDATE TRAINING and the Institute's FIRE DOCUMENTS: CODE CLAUSE C PROTECTION FROM FIRE (SMALL BUILDINGS) C/AS1 – C/AS7 Course. These courses have been designed to develop a consistent knowledge base in regards to the Fire Documents, with training coming from the most knowledgeable in the industry.

This is further highlighted by his commitment to contract to IPENZ to deliver this consistency.

Alan's qualifications, as a chartered Professional Fire Engineer ensures any questions directed to him during any training session are answered competently, clearly and in a manner which ensures a strong understanding of the subject material.

For dates and locations visit www.trainingacademy.org.nz

Get involved in Standards development

Standards development committee members bring a wealth of experience and specialist knowledge to the Standards development process, ensuring a balanced representation of stakeholders is achieved.

Put your name forward to be a committee member

Standards New Zealand calls for nominations from the range of stakeholders relevant to a Standard, prior to commencing development.

Contact your national association or industry body and let them know you're interested in becoming a committee member so they have your name on-hand when nominations are called.

Liaise with existing Standards development committee members or reference groups

If a Standard is in development, the committee members from your industry will be keen to hear from you to inform the development process.

Find out from your national association or industry body who is serving on Standards development committees currently. Also ask if your industry association has a Standards development reference group – you can liaise with these individuals and/or reference groups and provide input on matters of interest.

You can also submit papers and opinions to them as inputs to Standards development.

Provide your feedback during the public comment phase

Before a new, revised, or amended Standard is published, Standards New Zealand issues a draft of the proposed document for public comment.

Have your say on drafts and provide feedback to us on the proposed content (see **Touchstone** and **Keep Me Up To Date** below).

Keep up to date with Standards in development and new publications

Standards New Zealand publishes a free monthly e-zine, **Touchstone**, which has information on Standards in development, and new, revised, and amended documents.

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Launch of the Central Christchurch Development Unit

Extract from Gerry Brownlee, Canterbury Earthquake Recovery Minister, 18 April, 2012

When you have a good idea, which the draft plan is, you need a vehicle that can deliver the required result in the most cohesive and efficient manner.

In the draft Central City Plan it states: "Business as usual will not achieve the aspirations of the community or implement such an ambitious programme in a timely manner that supports private sector investment."

It further states: "The Council is open to establishing formal and informal partnerships to facilitate the coordination of activities across groups and maximise the effectiveness of its financial contribution."

In considering approval of the plan I've also considered how to give it life.

To that end I've asked Roger Sutton at CERA to exercise his powers under the Canterbury Earthquake Recovery Act to establish a unit inside CERA with the initial task of developing a blueprint for delivery of the plan.

The new unit is to work collaboratively with the Christchurch City Council and draw on the expertise of council staff.

Today we are here to announce the establishment of that new unit within CERA – to be known as the Christchurch Central Development Unit.

The Christchurch Central Development Unit will be responsible for the implementation of the Central City Plan that was prepared by the Christchurch City Council.

Warwick Isaacs will be the new Director of the unit.

A new stage in recovery

The announcement today marks the beginning of a new stage in the recovery of Christchurch after the February 2011 earthquake.

We know that the full recovery of Christchurch will take many years, but international experience suggests we have a three year window of opportunity to get the rebuild and recovery framework underway, and to establish momentum and

confidence.

It is also very obvious that strong and clear leadership is required to get that momentum and build confidence.

The scale of the development of central Christchurch, and the scale of reinvestment, requires us to put in place extraordinary functions so that construction can take place in a coordinated manner.

This is the central role of the new unit: to facilitate, coordinate and direct the development of the central city.

To do this Warwick and his team will prepare a redevelopment blueprint within 100 days.

That blueprint will identify the location of anchor projects such as public buildings and strategic city blocks.

It will also identify how to streamline consent processes, as well as look at what land amalgamation is required to support these anchor projects and other developments.

This process will create certainty and will create significant value for development and investment.

The new unit will also undertake development and investment promotion and attraction.

And finally it will schedule and coordinate construction.

The need for the Christchurch Central Development Unit

To date approximately 30 per cent, or 600, of the commercial buildings in central Christchurch have had to be demolished out of a total of 1936 buildings.

The buildings that remain are scattered across a large area in the four avenues with nearly 3000 different land-owners.

The challenge for the redevelopment of the city is to build demand for commercial, residential and retail space while planning for that redevelopment to occur in a coordinated way that lives up to the vision in the Central City Plan.

We believe the key to creating demand, and for a coordinated redevelopment of

central Christchurch, is providing clarity and certainty about anchor projects.

Those anchor projects will define the precincts described in the Central City Plan, and if undertaken appropriately they will stimulate demand and increase investor confidence in the rebuild.

Those anchor projects can act as catalysts for the surrounding areas and provide opportunities for the smaller hospitality businesses that provide cities with life and vitality.

A good example of an anchor project and the importance of a well-sequenced and coordinated rebuild, is the location and development of a Convention Centre.

Hotel developers have indicated that they will look to invest once the location and timeline for development of a Convention Centre is finalised.

We have an incredible opportunity to develop a hotel precinct supported by a world class convention centre that together can act as the cornerstone for rebuilding the central city hospitality and tourism industry.

Once these hospitality and tourism businesses are back in the CBD, other anchor projects and precincts will be able to leverage this development.

This will increase demand for office space and improve the opportunities for health sector and tertiary education developments.

To achieve these benefits from an anchor project the Christchurch Central Development Unit will need to:

- identify location options;
- prepare design and development concepts;
- look at land amalgamation options;
- coordinate with other government departments who can invest in the development;
- and promote and attract the development to potential investors in New Zealand and overseas.

These anchor projects are crucial to the rebuild of central Christchurch.

Quake claims climb to \$30b

Marta Steeman *Extract from the Press - 09/05/2012*

Relevant offers

Canterbury earthquake claims have climbed to more than \$30 billion, the Reserve Bank says in its recent financial stability report.

The central bank said that figure was based on estimates from insurers and it was higher than six months ago.

But there was a lot of uncertainty still about the estimates.

So far insurers had paid out \$7.6b in claims and that comprised \$4.6b from private insurers and \$3b from the Earthquake Commission.

Premiums had risen by more than 35 per cent from a combination of insurers increasing their charges and a tripling of the EQC levy in February this year to 15c in every \$100 of cover.

Further increases in premiums were likely after insurers completed their negotiations with international reinsurers for reinsurance renewals from July.

Since its previous stability report in November last year more insurers had needed capital injections from their parents, the central bank said.

Some insurers were exiting New Zealand.

One was heritage, churches and community buildings insurer Ansva, since renamed ACS (NZ), and another Zurich has stopped offering earthquake cover south of Waikato.

Ansva told The Press newspaper a month ago its parent had provided \$80 million in capital.

The Reserve Bank said also a couple of minor insurers had indicated a desire to exit.

A review of EQC was underway which might affect how insurance cover in the future is provided for natural disasters.

While there was some repair and rebuilds happening in Canterbury the amount was still low due to delays caused by aftershocks, in particular the 5.9 magnitude aftershock on December 23, limited insurance available for new buildings and updates to building codes and other requirements.

An update on HIVE's opening weekend

The HIVE – Home Innovation Village, facilitated by PrefabNZ, opened over the weekend to a tremendous response from the Christchurch community. The opening weekend saw over 2000 people coming down to check out New Zealand's first Home Innovation Village. Many of the visitors were Cantabrians but some had come from as far a field as Australia.

Guests included Mayor Bob Parker, Labour MP Leanne Dalziel, local council members and Deon Swiggs from Rebuild Canterbury.

Bob Parker on HIVE and what it means for the people of Christchurch:

"Ideas, solutions and inspiration are here for people and everyone should come and have a look at this because it's not just for those people who are immediately looking for a solution, it

might be that those who find a solution here, didn't know they were looking for it."

"Every time we take a step forward like this it lifts our spirits, we need to be able to picture that there's a future."

Leanne Dalziel on the houses of HIVE:

"I think this venue is really important...it's an opportunity to come and see what all the options might look like."

"I've seen some pretty exciting options here today...These are all houses built with sustainability in mind and with our new seismic risk in mind. I know, going into any one of these houses, I feel safe."

The Christchurch City Council has given their full support to HIVE – they are not the only group to see the benefit this village could bring. HIVE has the support of over 25 sponsors including platinum

Continued over page



sponsors Resene, Meridian Energy, Winstone Wallboards and Homestyle Magazine.

The village will eventually have 10 innovative, prebuilt show homes for visitors to take a look at. For the opening there were four houses on show as part of the first stage of the village. The next stages will roll out over the coming months with six more houses to join the village.

HIVE is now open Wednesday to Sunday from 12-4pm until February 2012. Watch the progress at www.homeinnovation.co.nz or visit HIVE at Canterbury Agricultural Park (off Curletts Road).



Contacts for further information:

Pamela Bell, CEO, PrefabNZ,
pam@prefabnz.com or 021 972 635

or Sophie Prebble, Communications,
PrefabNZ, info@prefabnz.com

Requests for photos or concept images
of the HIVE Home Innovation Village
can be sent to info@prefabnz.com

Website links: www.prefabnz.com or
www.prefabnz.com/Hive/ or
<http://homeinnovation.co.nz>



LEGISLATION

Building Amendment Bill (No 4)

The recently consulted on Building Amendment Bill (No 4), one of two Bills aimed at implementing the Government's 2009 Building Act Review findings, primarily provides for a range of measures to assist consumers hold building practitioners to account.

It follows the Building Amendment Bill (No 3) which gained Royal Assent in March 2012 and sought clear accountabilities for code compliance of building work for building practitioners, building consent authorities and consumers as well as providing a risk-based consenting process where the amount of checking and inspection aligned to the risk and complexity of the work and the skills and capability of the people doing the work.

In 2009 the Government undertook a Building Act Review, which found there remains a heavy reliance on building consent authorities for building quality, and there are concerns about consequent costs, complexity, and delays in building consent processes. Change aimed to provide incentives for building professionals and

trades people to take responsibility for the quality of their work and to stand behind it.

Legislative change sought to address these issues. This second Bill (No 4) to implement the Building Act Review policy decisions was introduced to Parliament in September 2011 and has the following key elements:

- introduces enhanced and more comprehensive consumer protection measures, including mandatory written contracts for work valued over a prescribed amount, mandatory disclosure of certain information by building contractors, and new offences for breaches of these requirements;
- clarifies the exemptions from building consent requirements in Schedule 1 of the Act by rewriting and reformatting the whole schedule and adds some new exemptions, including removing the word "damaged" from the exemption for demolition of outbuildings because the risks posed by the work are no different for "damaged" or "undamaged" outbuildings;
- adds a new power for territorial authorities to deal with buildings that are at risk because they are near or adjacent to dangerous buildings;
- increases the maximum penalty for the offence of doing building work without a building consent from \$100,000 to \$200,000;
- clarifies the powers of the Chief Executive of the Department of Building and Housing to review the performance of territorial authorities, regional authorities, and building consent authorities under the Act;
- introduces the concept of a "classifiable dam" and a "referable dam" for the purposes of the Dam Safety Scheme;
- gives regional authorities the discretion to investigate and refer a "referable dam" for classification;
- improves the administrative efficiency of the Dam Safety Scheme;
- makes a number of other minor and technical amendments.

National Certificate in Architectural Aluminium Joinery (Installation)

The issue of “leaky buildings” in New Zealand has been around since the early 2000s. It arose when a large number of houses were designed and built in the 1990s that didn’t stand up to our unique weather conditions.

In 2002 the Hunn Report identified systematic failures in the building industry and building practices that had led to leaky buildings. It recommended large scale changes across the construction industry, including improved training and education, and more guidance on construction methods and materials.

Recent changes to the Building Act have placed greater responsibility on architects, builders and local authorities to ensure that new buildings are adequately sealed and watertight. From 1 March 2012, only Licensed Building Practitioners (LPB) can undertake Restricted Building Work or RBW. RBW is work which is critical to the integrity of the building i.e makes sure the building is structurally sound and weathertight.

LPB’s are responsible for the quality of the work on their building project. They must either do the work themselves or supervise the person doing the task to ensure it is completed to the required standard. Specialist sub-contractors such as window installers or aluminium flashing installers are not licensed under the LBP scheme so

they need to have their work supervised by a LBP. It is important therefore that the installers are up to date with the current standards and have a relevant qualification.

The Joinery Industry Training Organisation and the Window Association of New Zealand have been working with the aluminium joinery industry to develop a qualification for aluminium joiners and installers. The resulting qualification, the National Certificate in Architectural Aluminium Joinery (Installation) was registered with NZQA in 2011. This is a Level 4 qualification which provides aluminium joiners and installers with the knowledge and skills to install aluminium products to the required standards. It covers the latest regulations and standards for ensuring weathertightness in residential and light commercial buildings, including Acceptable Solution E2/AS1.

A requirement of the qualification is for trainees to attend a one-day workshop where they learn the theory behind the requirements for keeping buildings watertight and then take part in a practical demonstration where they get to put the theory into practice. The first workshops were held in Auckland in March. Workshop presenter Des Molloy is a construction industry consultant and commentator with 40 years of experience in commercial construction, civil contracting and education roles.

There is an open invitation for relevant BCA staff to attend any course, to better understand the compliance requirements. Please contact JITO in the first instance.

Workshop dates:

Auckland - 12 July

Wellington - 26 July

Christchurch - 9 August

Dunedin - 16 August

Book now at: www.jito.org.nz

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In Situ Timber Compliance Assessment - Another Weathertight Tool

Paul Probett – Incodo Ltd, Tauranga

Buildings often leak which can lead to timber experiencing fungal decay. Bacteria can attack timber as well. Add to that fauna and flora of various types. All perfectly natural but all perfectly concerning if the integrity of a structure is becoming increasingly compromised.

Costs of remediation of leaky homes, leaky schools, leaky commercial buildings, historical buildings, bridges, wharves, utility poles, timber retaining structures, fences and playground equipment have escalated in recent years with Territorial Authorities increasingly having to fund all or part of remedial works.

Determining if and how much timber needs to be replaced or can be retained has for the most part been dependent on subjective opinion by experienced individuals. Often this opinion is accompanied by a microbiological report or two to confirm the presence of decay fungi and the degree to which the fungi has affected the (often small) sample sent. But it is only a sample and the

question arises as to whether the sample is representative of the structure or an isolated example of the worst affected area.

Basing decisions on subjective opinion rather than objective testing can be problematic. The prime concerns include:

- 1 Was all structurally non-compliant timber identified and how non-compliant was it?
- 2 Was more timber removed than necessary because of standard remediation practice (e.g.: remove everything within 1.0m of last point of discernible decay)?

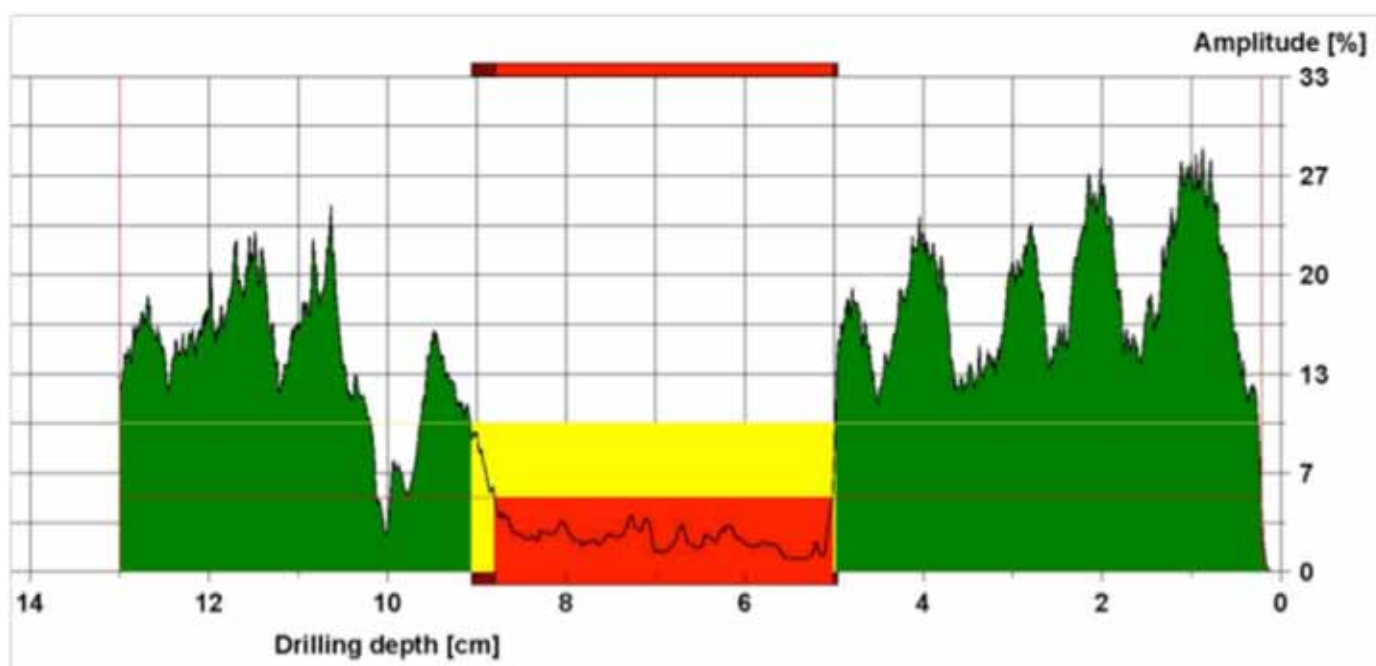
These questions hint at another issue:

- 3 What should be the basis for determining if timber is retained or replaced?

Visual inspection (with a little help from a chisel) tends to rely on the presence of moisture, visible decay, degree of staining or discoloration of wood and so forth. However the Building Code referred

documents NZS 3602, 3603, 3604 and 3622 clearly require compliant timber in specific situations to meet "strength" type criteria including bending, tensile and compression strength levels. For such an in situ assessment of suspect timber there are basically two current practical options, one mechanical the other electronic.

The Pilodyn impact hammer is a spring loaded penetrometer, that is cocked, and fired into framing where the degree of timber "strength" is related to the depth the pin penetrates. Maximum pin length is 40 mm -which, on standard piece of 90 x 45 mm framing, ensures it will not penetrate even half way if used side-on to the framing. If the pin penetrates to 40 mm the sample is usually very weak and in practice dry p. rad. allows penetration to about 15 -25 mm. Problems occur with double joists or larger dimensioned framing. Units are relatively cheap and simple to operate but do require full access to framing i.e. pins cannot be driven through skirting and plasterboard into underlying frames with any success



Graph from microdrilling test highlighting hidden advanced decay of blocking between studs.

Electronically the options are limited to microdrills. Currently there are three manufacturers and the range of units is large. These operate by drilling a small hole of about 2 mm in diameter through timber. The resistance to the drilling is then recorded on paper or electronic graphs. Damage to framing is minimal and typically "strength" readings are taken at the rate of about 10/mm – that equates to 900 readings for a 90 x 45 mm stud. Drilling can be done into exposed framing or through skirtings and jamb liners. Capital cost, training and set up costs are high.

Recently models have been upgraded to include onboard displays, angle sensors, etc and in particular onboard firmware that can be adjusted according to timber specie and characteristics so as to highlight overall strength levels, quality infractions and voids or low strength areas indicative of decay. Based on the settings and readings the software will also give a pass, fail or retest decision for each test. However there are subtleties in each graph that need evaluation and results from the unit Incodo use are moderated according to graph characteristics. These include angles of graphs, smoothing and other factors that indicate the difference between sound wood of low strength and unsound wood but of higher strength.

The first phases of electronic microdrilling evaluation have shown that:

- 1 Microdrilling is suitable for plantation grown softwoods such as pinus radiata. Pine is soft but there are appreciable differences between sound and unsound wood and these are noticeable in the overall amplitude as well other graphic subtleties.
- 2 Hidden decay is often found in framing or between double studs and double joists – with the surface appearing sound and dry.
- 3 Timber strength can approach acceptable levels within 150 -200 mm of observable decay – calling into question the current practice of replacing everything within 1.0m of end of visible decay.
- 4 Moisture levels have no significant effect on readings. Samples were progressively dried from 100%+ to about 12-14% with no appreciable effect between comparable tests taken along the same plane of the sample i.e. at 10 mm centres following the line of a central latewood band in samples.

Note Final round of testing will involve using a Fractometer to measure compression, tension and bending characteristics of samples along the

line of framing extracted from leaky buildings that changes from sound to badly decayed timber - and relate results to graphs. Results will be compared with requirements of NZS 3622 to allow final setting of microdrill firmware settings. Test will be repeated for other commonly used species.

As mentioned the technology allows for quick, complete, objective and evidential assessment of timber, in situ. Cost appears to be comparative or less than some visual checking backed up by microbiological assessments. But its use and acceptance as THE current state of the art technology for determining strength of timber elements in situ still leaves the question above – What should be the basis for timber being retained or replaced?

It is appreciated that stained timber is unattractive and decay weakens timber. However if remediation is going to stop water entry (which it should, and hopefully some in situ preservative treatment is added as another inhibiting factor along with a nicely vented and drained cavity), - should decay and staining be the determining factors in decisions? When we turn to analogies such as cars with rust or a pumpkin with a mouldy bit, most reasonable people would not replace the car or the pumpkin. With the car, structurally concerning areas are certainly replaced and rectified, but most of us live with our car having a little cosmetic decay. People often remove the offending piece from off the pumpkin and make soup. Unfortunately houses are looked at differently with a common view being – "every bit of decayed, stained and suspect framing must be removed". Is that expectation reasonable? Should framing be viewed any differently from cars and pumpkins?

It may take an industry rethink. But it would seem reasonable that if the technology can determine if timber is compliant or not with the building code, that should be the sole yardstick in the 'retain or replace' debate.



New generation microdrill checking doubled joist

Update on the National Competency Assessment System (NCAS) for BCAs

What has happened since the last NCAS update?

- Since its initial launch and roll out in June 2010, the NCAS has been well received by BCAs, which has resulted in an approximate 70% uptake amongst BCAs nationally. While some BCAs have elected to retain their existing system during the third round BCA accreditation cycle, others have transitioned their staff across to the NCAS prior to their accreditation assessment. Both methods are acceptable, however, BCAs should always ensure their transition pathway is clearly covered within their overall system.
- The Department has developed a moderation component to complement the NCAS. The module has been developed to assist BCAs to implement a system of moderation for their competency assessments. Moderation of assessments is an important tool for ensuring the consistency and validity of assessment outcomes. Consistency and validity are important if the system is to be effective. Moderation also ensures that decisions made are fair and valid for those candidates being assessed.

These guidelines have been developed with a flexible approach so that the internal moderation system may be adopted by a small rural or provincial BCA through to a large metropolitan BCA. Several BCAs have already developed and implemented a moderation module as part of their overall competency assessment process. The Department reviewed some of these systems prior to developing one to complement the NCAS.

The moderation component is currently being piloted and will form part of the NCAS in the near future.

- The Department is currently assisting Christchurch City Council in fully implementing the NCAS.
- The web-based version of the NCAS will be updated to reflect the recent legislative and technical compliance changes (this work is underway and the document will be updated later in the year).

Common Q and As around the NCAS

The Department continues to field a steady number of queries from BCAs about the NCAS. The key themes of these are discussed below.

Q1 Quantity of evidence: how much evidence should each candidate provide during the assessment?

A1 The quantity of evidence obtained should be based on the type of assessment the BCA is completing (eg, new candidate, review of an existing employee, transition from another BCA, level change or an assessment of a specialist). If you are assessing a new employee you will almost certainly require more evidence than if you are reviewing an existing employee who is simply retaining their current level of competence. There is no generic quantum to how much evidence should be provided as each assessment should be tailored to the individual candidate. This is why the five step NCAS assessment starts out with a planning and agreement phase where the amount and type of evidence is agreed upon by both parties (see page 23-29 of the guide).

Q2 Currency of assessments: how often should a competency assessment be completed?

A2 Though this is not prescribed in law the consensus between IANZ, the Department and the sector is that an assessment should be undertaken at least annually.

Some concerns have been raised over the currency of individuals who transfer between BCAs. Where a building official joins a new BCA the onus is on the BCA to ensure the new employee has had his/her competency verified sometime within the preceding 12 months.

Q3 Specialists: Our BCA has a few people that process woodburing appliances only. How do we assess these people?

A3 These people should be assessed as 'specialists' and should be measured against the performance indicators that relate to the building control function they are performing for the BCA. The NCAS manual provides a good summary of this assessment philosophy on page 11 (see paragraph 2).

Q4 Will the Department be running any more assessor training sessions for the NCAS?

A4 The Department will be undertaking some refresher assessor training in Christchurch, but there are no plans to take this any wider at this stage. If you require any further assessor training please contact the Department.

Where to from here?

Further information on the NCAS (including copies of tools and resources) can be found at: www.dbh.govt.nz/bca-competency-assessment-system-update

The Department will update the NCAS manual in coming months so it is current and reflects recent changes to the compliance documents and other building control legislation. The draft moderation component of the NCAS is now complete and will be added to the NCAS once piloting has been completed.

Society of Fire Protection Engineers

Fire safety solutions using the new acceptable solutions C/AS1-C/AS7 and new verification method C/VM2

The New Zealand Chapter of the Society of Fire Protection Engineers was established in 1994 in response to the introduction of performance-based legislation for the field of practice.

The Society aims to lift the level of professionalism and knowledge of all parties involved in the field of fire safety engineering. The Chapter fosters regular technical group meetings in Auckland, Tauranga, Wellington, Christchurch and Dunedin. Members of the Society sit on the Department of Building and Housing's Fire Advisory Panel, the Standards New Zealand's Fire Industry Advisory Group and the University of Canterbury's Fire Engineering Advisory Committee. They are also work closely with the Department of Building & Housing providing input to and comment on changes to Building Code compliance documents. The chapter currently has around 150 members throughout New Zealand from a wide range of backgrounds and fire safety interests, including designers, regulatory officials, researchers and fire protection contractors.



On 10 April 2012 the Department of Building and Housing released a new Building Code Clause Protection from Fire. The changes introduce six new code clauses (replacing the previous code clauses C1-C4 at the end of the transition period), seven new Acceptable Solutions (replacing the current C/AS1), and a new Verification Method C/VM2.

Certain simple building designs are covered by new Acceptable Solutions, C/AS1 to C/AS7, provided they do not have complex features. The Verification Method can be used for the specific fire design of any building. The aim of the Verification Method is to provide a robust and consistent design verification method for specific design that allows creative and flexible fire engineering solutions. Verification Method C/VM2 for Protection from Fire is suitable for use by design professionals with specific fire engineering expertise, such as Chartered Professional Engineers.

The SFPE NZ Chapter in conjunction with the Department of Building and Housing is providing one day workshops on the new Acceptable Solutions C/AS1-C/AS7 during July and August 2012. The workshops will focus on fire design using the acceptable solutions and will cover the changes to the Building Code for Protection from Fire—what are the new requirements, an outline of the new format, outline of areas where there have been changes, and case study problems (covering some specific situations) that will help introduce the attendees to C/AS1 to C/AS7 and assist their understanding of it.

If you are interested in attending one of the workshops on the new Acceptable Solutions, more information is available on the NZ Chapter SFPE website www.sfpe.org.nz

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TRAINING AND EVENT CALENDAR - 2012		
JULY		
2 (PM session)	Solid Fuel Heating	Rotorua
3 (PM session)	Solid Fuel Heating	Napier
9 (PM session)	Solid Fuel Heating	New Plymouth
11 (AM session)	Solid Fuel Heating	Nelson
11-12	Fire Documents: Code Clause C Protection From Fire (Small Buildings) C/AS1 – C/AS7	Wellington
16-18	Building Controls	Rotorua
19-20	Plan Processing	Rotorua
23-24	Fire Documents: Code Clause C Protection From Fire (Small Buildings) C/AS1 – C/AS7	Rotorua
24-25	E2	Auckland
27-29	Plan Processing	Auckland
AUGUST		
2-3	Complex Fire Designs	Rotorua
7-8	Effective Leadership	Christchurch
6 (AM & PM session)	Solid Fuel Heating	Auckland
9 (PM session)	Solid Fuel Heating	Whangarei
13-15	Building Controls	Dunedin
14-15	Effective Leadership	Rotorua
16-17	Plan Processing	Dunedin
23-24	Senior Building Control Officers Forum	Copthorne Hotel Commodore, Christchurch Airport, Christchurch
28-29	E2	Wellington
30-31	Site Inspection	Christchurch

BARRIER FREE TRUST TRAINING DATES:

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2-day seminars:

21/22 June Auckland

23/24 August Wellington

Module 5,
1-day seminars:

27 July Wellington

Half-Day Seminar for
Architects and Designers

9 November Auckland

NZS 4121 Seminars
(BFA Refresher)

21 September Auckland

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For a current version of the Training calendar visit www.trainingacademy.org.nz

Courses are subject to change, if booking flights well in advance of the course start date please keep this in mind.

SOLID FUEL HEATING (INSTALLATION COMPLIANCE REQUIREMENTS)

A Training Course for Building Consent Officers

New Training Partnership

The Building Officials Institute of NZ is pleased to announce the launch of our newest CPD seminar series course.

During 2011 the issues around solid fuel appliances, their installation and compliance was a hot topic, especially in the Canterbury region.

In response BOINZ and the New Zealand Home Heating Association have partnered to bring members a training course which will ensure you are aware of the latest product and technical

developments, the all important installation requirements and common areas of installation non compliance.

These courses kicked off in June 2012.

This 3 hour course will cover:-

- New Rules/Laws
- New Products
- New Technology
- Health and Safety concerns
- What you need to know to ensure a risk free inspection

Attendance at this course is an important step in reducing poor installations that have the potential to put lives and dwellings at risk. So why don't you attend and also achieve the common goals of risk proofing your career and mitigating your employers risk.

This course is an example of BOINZ working together with our industry partners to produce safe and quality building installations.



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BUFFET DINNER, DRINKS & GUEST SPEAKER
Mayor of Christchurch, Mr Bob Parker

Close to a 100 people attend the SBCO Forum and each takes away with them the inspiration to share with their colleagues. Don't miss out on the opportunity to be a part of this event!

**REGISTRATIONS AVAILABLE ON OUR WEBSITE
WWW.BOINZ.ORG.NZ**