

# **NEWS**LETTER



# Commentary

The team at FPANZ have been very busy working on a variety of initiatives, and planning for the conference continues to be the priority along with contacting our membership base for annual subscriptions renewal. Inbetween times we have also moved premises and are now located at 9C William Pickering Drive in Albany. Our contact numbers and email details remain the same. If you are in the area please drop in and see us.

#### **New Website Launched**

We are pleased to announce that our website www.fireprotection.org.nz is now released. It has a fresh look and material in keeping with our new branding. The focus on membership and relevant information enables better navigation, and over time will add further value to members. We would welcome your feedback online, and any material you think may help in keeping us all better informed.

#### **Membership Packs Sent**

Membership packs and information have been sent out from our offices over the past two months, and a follow up call plan is in place – however we still have a significant number of members yet to complete their renewal. We advise that **any membership that has not been applied for or renewed by the end of September will be placed on hold** and their listing will be temporarily removed from the Association's register until such time fees are fully paid.

If you have any questions about the type of membership you may link into, please feel free to contact the office on 09 414 4450.

#### Training Seminars - "Get It Right"

In conjunction with Victaulic, our seminar series workshops are being promoted at present, and with members and associated groups we have over 160 attendees for the next scheduled rollout commencing on the 22nd September in Auckland. Our registration forms and seminar overview is included in this newsletter and can be sent back to our office via email to fpanz@fireprotection.org.nz

From talking to some contractors and some labour-only contractors (our target audience as well for this series of seminars) – we have the feedback in FPANZ that

- a) Some people are not clear that there is new information being presented – this material is not a repeat of previous work;
- b) Labour-only guys are unlikely to be FPANZ members, so do not know anything about this training;
- c) Some Fire Protection companies aren't potentially sharing the info with the labour-only guys.

This full day seminar is an extension and continuation of information shared during the first of Chris Mak's and Ian Makgill's sessions, and that Fire Protection companies should help inform and encourage their installers to attend – and in some instances they may want to consider sponsoring them. It is, after all, in our best interest that installers are **"getting it right"** first time, as many of the fitters who work in industry as sub-labour-only contractors are not currently FPA members, therefore may not have seen the invitations.

# Please continue to share the information to the wider industry.

The seminar is made up of 2 separate portions to enable interested staff to attend either a free session, or the full day program.

For those who may just want to attend the free Victaulic two hour forum session, the registration link is HERE or for more information please contact Adam Hicks at adamhicks@victaulic.co.nz

#### The 2014 FireNZ Conference and Exhibition

Make sure that the dates of October 15– 16 at Ellerslie Events Centre in Auckland are locked in your calendars. Our Key Sponsors - Winstone/Gib, Pertronics, Victaulic, Tasman Tanks and Hilti have supported us in this year's program.

(continued overleaf)

# ) SEPTEMBER 2014 ISSUE

# In this issue...

FPANZ Passive Group Update	P 2
Fire Extinguishers Survey Meeting	РЗ
Event Schedule 2014	РЗ
Be Volunteer Aware	P 4
Southland Times Article - Extinguisher Fire S	ave <b>P 4</b>
Canterbury Rebuild Safety Charter	P 5
FPANZ and ManageACC Group	P6-7
Competenz/Firetech Update	Р8
Fire Save: Saved by the Sprinkler	
Halon Recycling NZ Ltd	
Subbies to get better protection for paymen	
VIGILANT Celebrates its Centenary Year	P 10 - 11
Xtralis Everywhere Technology Showcase	P 12
From the Archives	P 13
FPANZ Membership Update 2014 - 2015	P 14
FPA "Get It Right" Seminar Series	P 15 - 17
Firetech Training Ltd Assessments	P 18
FireNZ Conference & Exhibition	
FPANZ Certified Evacuation Consultants	P 22
FPANZ certified Fire Alarm Contractors	P 22
Signatories to the FPANZ	P 22
Listed Sprinkler Contractors	
Fire Extinguisher Service Agents	
FPANZ Website	

# Commentary (continued)

We have locked in for the first time four streams of workshops, with two streams now being facilitated by FPANZ. Those of you who have a specific interest in Passive Systems and Design primarily with a focus on Architects and Designers will be catered for with CPD points up for grabs. It is an important industry-related event!

We have also promoted the conference to the contractors for both sprinkler and alarms to attend, and focus on those issues around compliance and services integration.

This year we have included a session for trade/site staff to attend a free breakfast and view the exhibition space. This event will commence at 6.40am and conclude by 8.00am, and is supported by Hilti/Firetech and Competenz with some presentations and prizes on offer.

#### AGM

The annual general meeting of FPANZ will be held on the 16th October commencing at 11.00am as part of the FIRENZ Conference program.

We have several council positions that will be up for nomination, so we will be sending further details out to members under separate cover. We advise that only fully paidup membership entitles a vote to be cast, so it is important to ensure you have renewed FPANZ membership in place.

#### **Our Partners**

The SFPE and IFE will have their own individual streams as well – with some interactive sessions it should be a great opportunity to engage and learn.

Stands for exhibition space with early bird bookings for the exhibition are now over 90% allocated, so we have provided additional space to cope with demand. Please contact Jenna in our office on 09 448 0443 or jenna@fireprotection.org.nz – or look on the website at www.fireprotection.org.nz

We have reconvened the newsletter group via a monthly call program so that newsletters become much more informative and regular! If you have any items of interest, please send details to jenna@fireprotection.org.nz at any time.

We have also included some further archive material this time as part of our 40 years of history as an association.

Articles this month include a variety of industry-related issues or events with coverage from: The Christchurch Safety Charter, Halon Recovery, ACC brokers, and others.

Enjoy reading this newsletter and keep in touch.



# Special Interest Groups UPDATE

# **FPANZ** Passive Group Update

#### Author Ron Green - Passive Group Chair

The Passive SIG group held its regular meeting in August which was well attended. A group of volunteers are working on the framework for a Code of Practice for Passive Fire Protection. BRANZ recently started a three year study on Passive Fire Protection in New Zealand, however due to various reasons it is on hold until early 2015.

The two replies to the Passive Quiz last month were congratulating the Passive SIG Group on its initiative, however there were no brave people who wanted to give it a go, so I ate the prize! This means either no-one needs educating as you all know the answers, people need training, or the people at the coalface don't receive the FPA Newsletter.

On the basis that I know people need educating from what I see on building sites, I will try it a different way with one question for you to answer! Please have a go and don't worry your name will not be exposed if the answer is incorrect. There will be another sweet prize for the first correct answer.

#### This is a question I received recently.

**Question:** *"Can I fill a gap around a metal pipe with Gib Plaster for fire stopping in a plasterboard fire rated wall?"* 

**Answer:** You will not achieve a Fire Rating using this method so the answer is **NO**.

Passive Fire Protection is about tested, compliant and correctly installed systems. To provide a solution to the above I would also need to know answers to the following:

- 1. What is the required Fire Resistance Rating (FRR) for the wall? Refer to the fire report.
- 2. If insulation is required (part of the FRR) what is the metal pipe? Steel, copper, brass, insulated?
- 3. What is the diameter of the pipe?
- 4. Are there any other services passing through the same penetration?
- 5. How many layers of plasterboard on each side of the wall and what thickness?
- 6. What is the gap between the pipe and plasterboard (known as annular space/gap)

With the answers to the above, I could then provide you with a solution.

If you are just squirting some foam or a bit of sealant around a sprinkler pipe in single layer of 13mm plasterboard, then you not providing a compliant solution. Depending on the answers to the above, different solutions are required which will vary from supplier to supplier. Some suppliers don't have a solution to the above, particularly if an insulation rating is required.

This month's question for you to answer is: For a Fire Resistance Rating of: 60/60/30, what does each number represent ?

# Fire Extinguishers Survey Meeting Update

# New Zealand Fire Service, Poynton Terrace, Auckland

- **INTRODUCTION:** The NZFS in conjunction with the University of Bordeaux have instigated a research project to investigate the effectiveness of fire extinguishers. FPANZ are also supporting this research and need your involvement to make sure we have as much data as possible.
- AIM: The aim of this project is to gather verifiable data about the use of hand held fire extinguishers to extinguish incipient fires and thus their cost effectiveness.
- **BACKGROUND:** The Ministry of Business, Innovation and Employment have recently instructed Territorial Authorities to remove HOFFE from compliance schedules for buildings. The Ministry contends they are not specified systems. This has resulted in an increasing number of property owners and managers questioning the need to install and maintain HOFFE systems.
- **PURPOSE:** The purpose of this research is to produce a definitive result that supports the installation and maintenance of hand-operated fire-fighting equipment.

# Thank you for your support in this programme.



Arne Inghelbrecht Graduate Fire Engineer - Auckland

 New Zealand Fire Service

 DDI:
 (09) 354 5114

 Mobile:
 027 440 0233

Email: <u>arne.inghelbrecht@fire.org.nz</u> National Headquarters, 2 Poynton Terrace, Auckland 1010 PO Box 68 042, Newton, Auckland 1145

# Event Schedule 2014

22nd - 26th September 2014	Get it Right Seminar Series	<b>Regional Locations</b>
30th September 2014	(NRASG) Northern Region Alarm & Sprinkler Contractors Group Meeting	Auckland
10th October 2014	Passive Meeting	Auckland
16th October 2014	Contractors Breakfast & Conference	Auckland
16th October 2014	FireNZ Conference and Exhibition	Auckland
16th October 2014	HOFFE Meeting & Conference	Auckland
7th November 2014	FPA Member Golf Day	Auckland
13th November 2014	EVAC Meeting	Auckland
19th November 2014	Member / Board / Council Meeting	Wellington





# **Be Volunteer Aware**

Living all of my life and beginning my career as an evacuation consultant in the capital city, relocating to the South Island meant adjustments and new experiences. One such experience was the first time the volunteer fire siren went off during a practice evacuation in mid Canterbury. Having only heard that distinctive sound in movies I thought WW3 had kicked off in Ashburton...

80% of New Zealand's firefighters are volunteers. That is approximately 8000 volunteers who receive no payment for their time or labour. Approximately 1700 professional career firefighters are available in the cities and large provincial towns only, and in some cases are supplemented by volunteers from other urban and urban-fringe Fire Brigades<sup>1</sup>.

- Volunteer firefighters respond to 10-15% of all incidents the New Zealand Fire Service attends.
- Response times for structure fire incidents are monitored for performance against the national service delivery guidelines of:
  - 8 minutes, 90% of the time, for career stations
  - 11 minutes, 90% of the time, for volunteer stations
- The largest urban area in New Zealand with a completely volunteer fire brigade is Blenheim (population 30,900).
- Many volunteer brigades used a combination of pager alerts and sirens to summon the fire crew "depending on community need and coverage for Telecom or other paging systems<sup>2</sup>"
- In May of this year, resource management commissioners found the Ashurst siren was probably routinely breaching noise limits and considered "generally unnecessary" given alternative means of communication.

Occupants (or in this case - the consultant) may not be aware that they are in a volunteer area. They may not be aware that the attending Fire Crew may take several minutes longer to arrive. They may not be aware that the attending Fire Crew are not entirely familiar with the building or the evacuation scheme. Wardens and occupants who are fully conversant with their evacuation procedures and trained to the highest standard help support the men and women who give up their time to protect their communities free of charge.

<sup>1</sup>Fire Service Annual Report, 2013 http://www.fire.org.nz/About-Us/Publications/Annual-Reports/ Documents/NZFSC\_Annual\_Report\_2013.pdf)

<sup>2</sup>Fire Service region manager assistant national commander Ian Pickard. "Fire Service mulls over siren options" http://www.stuff.co.nz/manawatu-standard/news/10202068/Fire-Service-mulls-over-siren-options



# Southland Times Article: Extinguisher Fire Save



Lucky escape: Renata Jackson checks the vat that erupted in flames in her Gore dairy yesterday, forcing her to use the fire extinguisher she bought last week.

Photo: RACHAEL KELLY/FAIRFAX NZ 629746010

# New fire extinguisher worth its weight

Last week Renata Jackson invested in a new fire extinguisher. Yesterday she used it to put out a vat fire in her Gore dairy. Jackson was cooking in the commercial kitchen of her Broughton St shop when she noticed a light flickering on the vat. "Something was hot, something was really hot and then black, thick smoke came out really fast." She reached for the new extinguisher and smothered the vat with a fire blanket as well. The extinguisher was new to the market and was designed specifically for vat fires. "When the guy sold it to me I said it [the extinguisher] was too heavy and I couldn't move it and he said to drag it if I had to. When the adrenaline kicked in I could lift it pretty easy." "I'm pretty pleased I had it right there." Because of her quick actions there was little damage to the kitchen but the vat, which was fully insured, would need to be replaced. She hoped the dairy would be closed for only a few days. "Vats are my livelihood." Gore Volunteer Fire Brigade deputy fire chief Donald McGuigan it was the second fire the brigade had attended recently where a fire blanket had been used. "The new extinguisher seemed to do the job - they did everything right,' he said.

# **Canterbury Rebuild Safety Charter**

Author Keith Blind - Vice President FPANZ

As part of our membership meeting held recently in Canterbury, we had the opportunity to meet with a representative from the Canterbury Rebuild Safety Charter.

The Charter is an agreement on health and safety between the leaders of a number of government organisations and companies leading the rebuild. The Charter includes a vision, 10 aspirational commitments and detailed actions designed to meet those commitments.

We have a number of our members who are actively involved in the rebuild efforts and the simple facts are as follows:

 We know that based on the construction industry's record in Canterbury, we could see 1-2 people dying every year during

the rebuild. Many more people will suffer life changing injuries, or get sick and die an early death because of exposed to workplace contaminants and other hazards.

2. We could lose 600,000 working days due to illness and injury And it could cost us 80 million dollars in ACC entitlements. None of us wants that to happen – *and we're not going to let it happen*.

#### What are the benefits of signing the Safety Charter?

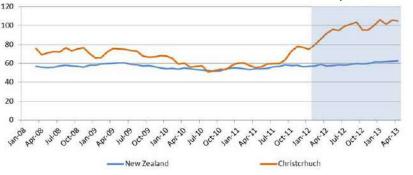
- Improving the health, safety and wellbeing of your workforce, your colleagues and the industry as a whole;
- Working to create a legacy of a safe and healthy rebuild something our industry can be proud to achieve;
- Support from industry colleagues and the Safety Charter Steering and Working Groups to help improve on-site safety;
- Practical ideas, case studies and lessons to help your company and sub-contractors;
- Access to Safety Charter events, key speakers and players in the industry;
- Making a public commitment to health and safety;
- Working alongside your rebuild colleagues for the greater good of getting everyone who works on the rebuild home safely every night.

#### The Ten Actions

Each signatory of the charter commits to either undertaking the ten actions, or actively working towards undertaking them.

- 1. Our leaders demonstrate a visible commitment to health and safety;
- 2. We have systems in place to encourage and support worker engagement in health and safety;
- 3. All critical risk activities are identified, managed and mitigated;
- 4. We implement site-specific safety plans;
- 5. We have robust, proactive and accurate health and safety reporting;





- 6. All our workers receive health and safety training;
- 7. Everyone is made aware of hazards so they can look after themselves and keep others safe;
- 8. PPE is worn at all times by everyone. No exceptions. No excuses;
- 9. The safety of our people isn't compromised by anyone under the influence of drugs, alcohol or fatigue;
- 10. We actively promote the health, safety and wellbeing of our people.

What we have seen and are now sharing with you isn't some possibility - it's actually happening already. No one has died in the rebuild zone as yet – that's the good news. But injury statistics show a worrying rise in injury rates in Christchurch. In early 2013, Christchurch accounted for about a quarter of the serious injuries reported by New Zealand's construction industry, up from about 11% two years ago.

The Charter was created by leaders from companies and government agencies leading the rebuild. It was launched in July 2013 when 50 organisations signed or endorsed the Charter.

There are now over 100 organisations who are involved and this includes all the Project Management Offices, most of the big insurers, many construction companies and labour hire companies, and several local and central government agencies. It has also now been endorsed by the Fire Protection Association.

By signing up to the Safety Charter we are committing to prioritising the safety of the people working on the rebuild. We have supported this initiative on your behalf and would encourage you to also sign up and ensure that all your managers, supervisors, employees and contractors will do what's asked of us in the Charter. By demonstrating leadership and working together, we will rebuild Canterbury safely and create a legacy to be proud of. The earthquakes reminded us that the most important thing is *people*. The Canterbury Rebuild Safety Charter puts people first. It is our commitment to do all we can to ensure the rebuild is safe It's up to all of us to watch out for each other.

# FPANZ and ManageACC

Author Keith Blind - Vice President FPANZ

FPANZ has joined with the Manage ACC Group to provide member services. Manage ACC Group is made up of three brands and each has a critical role to play in making sure you pay the absolute minimum you have to on your ACC





## National Coverage

We cover all of NZ. No matter where you are we can review your ACC position and create savings for you. To date, our clients are spread between Queenstown and Kaitaia and at some point we are sure we will have some one on Stewart Island as well. Our system allows us to do the work remotely using the phone, internet and depending on cell coverage, homing pigeon.



#### ACC Brokering

We take the same information that ACC uses, put it into our system and most of the time (over 85%) we will get a lower value. Our job is to than work with ACC to have your levies lowered.

We work on success fee so no savings no fee. We do ask that we get to deal with the decision maker(s) which tends to be the shareholders to be able to get the information we require. Our average saving is 23% with an average client success rate of 85%. In other words 85% of the businesses we meet will receive savings thanks to what we do.

The brokering applies to all businesses and selfemployed from all industries. Higher risk (blue collar) tends to receive higher \$ savings due to the higher ACC premiums.

For us to do our work we require your authority to deal with ACC directly and for you to complete a basic questionnaire.

# ACC Experience Rating (penalty regime)

We are able to challenge incorrect workplace claims on your behalf. We are a registered ACC vendor and can submit and represent on your behalf at a review which may mean no cost to you. We have a very good success rate because we only recommend a review to an employer if the result is likely to be positive.

#### Why challenge workplace claims?

You get penalised on your ACC levies because of workplace claims. If the claim is incorrect i.e. did not happen at work; was the result of a previous injury; the employee actually no longer worked for you at the proposed time of injury; then there is scope to have this removed from your Experience Rating profile.

For us to do our work we will need to understand the claim and the circumstances.

He OSH Guys Receive health & safety discounts

#### **H&S** Training

NZ specific HSE training that meets legislative requirements; is cost effective; and can be done when it suits you or your staff. We have four courses.

- 1. Induction Training (online): for all staff. Costs \$50 + gst
- 2. Safety Officer Training (online): suited to a company of under 30 staff. Costs \$260 + gst
- **3. Health & Safety Representative Training** (online): to support the WSMP (legal requirement). Costs \$360 + gst
- 4. Client Specific Training (face-to-face): Pricing varies on your needs and for a half day course is typically around \$1,500 for 10 staff. To give you an example of what can be done see our actual case study to the right.

## ACC Discount Schemes

The ACC Discount Schemes are based on having certain levels of health & safety in your business. There are two schemes available to levy payers that give savings between 10% and 20% on your Workers Levy component.

Please note that if you are not receiving any discounts than you actually receive a loading on your ACC instead. For ACC the discount scheme is meant to break-even so the businesses who are not receiving discounts are in fact paying the difference for those who are receiving the discounts.

#### Workplace Safety Discounts (WSD)

An ACC WSD discount is a great way to save 10% off the work levy for three years for self-employed and small to medium businesses that can demonstrate sound health and safety practices. You are eligible if you have \$550,000 of payroll or less or 10 full-time equivalent staff or less.

#### Workplace Safety Management Practices (WSMP)

This programme is aimed at medium sized employers, and gives safer workplaces discounts of between 10 and 20 percent on your ACC levies which lasts for two years.

continued overleaf...

He OSH Guys; continued...

The WSMP has a number of benefits:

- works to reduce injuries
- gives you an audited, national safety framework to work to
- proves your safety commitment to staff
- demonstrates your commitment to customers, the business community and the public
- rewards you with ACC levy discounts ۰

Our health and safety system has been purposely designed for the WSMP and has been successfully implemented in well over a 100 businesses who are all receiving the discounts.

Where suitable we prefer to use our policy framework (as that meets the WSMP criteria) and your practical components given the staff understand these. We might need to tweak these a little however in our opinion we do not need to reinvent the wheel.

For most businesses the first year saving (based on 15%) is greater than the cost for our system and our time. We pride ourselves on giving you a fair deal.

HEREHAB Guys Managing your workplace claim

# workplace claims

#### Case Management

Case management is about ensuring the prompt, safe and durable return-to-work of your injured worker.

Through our Acute Stage Case Management framework we manage your accidents on your behalf. We are able to influence the progress of the worker's recovery. The earlier an injury is diagnosed, treated and managed, the sooner the worker will return-to-work and recover from the injury. This means less downtime and lost productivity, as well as a saving in ACC claims costs (and therefore lower premiums) for the business.

Under Experience Rating your business gets penalised for any workplace claims that result in days off on ACC comp by staff. Given ACC is responsible for managing your claim as well as setting the penalties they can (and do) penalise you for extended periods that your worker is absent from work.

If you are in the business of construction, transport, agriculture, roading, forestry or similar risk industries you can expect a 100 days off on ACC compensation over the three years by staff to typically cost you between \$2,000 and \$3,000 in penalties per year for three years.

We have a network of over 200 allied health staff including occupational therapists, physiotherapists and specialists located across NZ who deliver the hands on rehabilitation.

Our Case Management model works on retainer basis where you pay a monthly fee. This means we are on call for your business. Fees start from \$500 per month.

#### UPDATE FOR FPANZ MEMBERS:

- ACC invoices: ACC continue to send out the employer invoices and will do so well into October. The ACC brokering services form details that there are options available to pay less for fees
- Seminar Series: During October and November, we are facilitating a national seminar series covering Health & Safety impacts on Directors; Asset Protection & Benchmarking; and ACC Risk. We are teaming up with Hazelton Law and Success Group and will be providing you with tickets for each region that you can pass on to members. The tickets are valued at \$87.50, however these are fully covered through the seminar sponsor so FPANZ members can attend for free. The seminars will be held at the various BNZ Partner Lounges and further details will be sent and will be uploaded onto the FPANZ website.

#### TIP OF THE MONTH:

If you are receiving superannuation you will only have access to a maximum of two years of ACC weekly compensation. In the first year you claim you receive both ACC and Super. In the second year you have to choose one or the other as you cannot have both. In the third year you automatically go back to Super.



# FRFF ACC RFVIFW

\*

During July to October you will be getting your new ACC invoices so this is a great time to have your levies reviewed. Our no cost brokering review will make sure you are paying no more than you should.

To receive a Free ACC review, please complete this form and FAX BACK to (07) 571 0222 TODAY or Phone Kate on 07 577 1493 or email kate@manageacc.info

	NAME:
S	PHONE:
I	
	EMAIL:
	INDUSTRY BODY:

## Hurry and take this special offer to save today!



Firetech Training Limited Providing Nationwide Education & Training in Fire Systems

Compentenz/Firetech Update on training and statistics for September 2014

# Sector Performance for Fire Protection Group

The feedback here is an indicator of how our students are progressing through their qualifications and units of learning. We would encourage you to make contact with our account manager Mr John Stevenson on j.stevenson@competenz.org.nz if you have any specific queries on your progress.

We have a total of 319 learners/students within the Fire Protection sector as at 11 September 2014. This has moved from 290 learners in July. The Level 3/4 split remains about the same, as does completions. The major increase is the number of Active Trainees/Students from 26% to 48%.

- 42% of these learners are at level 3
- 58% of these learners are at level 4
- Completions at 23% against target of 60%
- Active Trainees/Students at 48% against Target of 80%

The regional Account Managers at Competenz are focusing on getting achievement moving with learners. It is concerning that particularly the Active trainees is at such a low % at this time of the year. This KPI measures learners who have achieved 10 Credits or more in the past 4 or more months within a calendar year. The Account Managers have identified these learners and those at risk and are working hard to get them back on track. Competenz have teamed with Firetech to discuss their role also in encouraging the completion of the correspondence material. The costs for elevate fees are also part of the new fee structure and represent considerable investment by employers to ensure that completion of units is achieved

We encourage all industry learners to complete the units of learning to ensure we have a workforce that is suitably trained and providing the high quality of work that the industry is proud of.

Firetech are currently working through the external education review (EER) with the New Zealand qualifications authority NZQA which is a mandatory process for compliance and registration as a Tertiary education organisation (TEO). This will be completed in late November with a holistic review and full audit of Practices and processes.

Firetech Training has moved offices and are now located in 9c William Pickering Drive in Albany. With this shift, the Auckland office now has responsibility for the national management of students. This has resulted in the closure of the Wellington office. The contact details for Firetech staff are as follows

Jim Kelly – Training Manager 021 560 161 email jim@firetech.co.nz

Liza Cosme – Student Coordinator Short Courses 09 448 0434

Maria Binondo - Student Administrator 09 414 5705



Saved by the Sprinkler

#### Author Todd O'Donoghue - NZFS

At 3.32am on Thursday 4 September, fire-fighters were alerted to a fire alarm activation at a Thames sawmill. Was this to be another run through the dark to a false alarm? That was definitely not the case.

A furnace fuelled by waste sawdust heated oil to 230°C which in turn was piped into a building and used to process and cure particle board. A failure of this system started a fire which lead to several 40mm pipes rupturing, causing flaming oil to spread across the ground around the furnace.

A timber framed, weatherboard clad building about four metres from the furnace was at risk of being involved in the fire as the flames spread towards it. However, a sprinkler system that was installed in the building included an external drencher which activated, protecting the building from the flaming oil. It is this activation which first alerted the Fire Service to the incident and sounded the alarms to allow workers on site to safely evacuate.

With a booster pump maintaining the water flow to the sprinkler system, the Fire Service were able to concentrate on controlling and extinguishing the oil fire which was burning intensely with flames at times reaching 10 metres into the air. Fire Service resources that attended to extinguish the fire included 6 pumping appliances, 3 water tankers, and 3 specialist vehicles.

This incident is a great example of just how effective inbuilt fire protection systems are. In this case the system did not only alert both staff and the Fire Service to the fire, it protected the building it was installed in and continued providing that protection for a period of time so that firefighters could concentrate on the oil fire.

Both staff on site and attending fire-fighters did a fantastic job in ensuring everyone's safety and dealing with the incident very efficiently, thanks to the help of the fire protection system.

Best of all, the plant was back in operation the following day – which has to be the best advertisement of all for the value of fire protection systems.

# Halon Recycling N.Z. Ltd

Author R.J. Fraser

#### Halon recovery for safe environmental disposal.

The Ministry for the Environment has issued an invitation for submissions on "Priority Waste Streams for Product Stewardship Intervention". This consultation's scope includes Greenhouse Gas Refrigerant Materials, Halon 1211 (BCF), and Halon 1301 (BTM). We, as Halon recovery, have prepared and placed a submission to the Ministry.

On the basis our proposal is acceptable, we may yet continue to focus on Halon recovery throughout New Zealand.

While the Ministry acknowledges that FPANZowned Halon Recycling NZ Ltd has been active, they have not yet acknowledged the substantial progress made to date which is the safe environmental destruction of 48,000kg of Halon, and the recovery of 13,000kg of Halon 1301 for essential-use recycling.

There is now no Halon material or transfer plant available in New Zealand to sustain any "Servicing Operation", nor any remaining system hardware.

The bad news for residual Halon owners is that future shipments for destruction will be at increased cost due to the relocation of the Australian destruction plant and a new Contractor.

On the bright side, however, we do have strong support from the Australian Ministry for the Environment to continue our efforts to safely dispose of all residual Halon.

Further Proof of the contribution from our two Industries (Fire Protection & Refrigeration) in Australia & New Zealand, was no hole developed in the Ozone Layer over Antarctica last summer.

All Halon hand operated fire extinguishers and Gas Flood systems will need to be decommissioned to meet proposed new regulations, with disposal by "safe environmental" destruction. This is only available through Halon Recycling Ltd using the unique destruction process provided in Australia.

We will keep you updated on our progress as we plan to meet with the Ministry in late September. If you have any Halon to recover please contact the office at fpanz@fireprotection.org.nz or phone us on 09 414 4450.



# Subbies to get better protection for payment

#### Article from beehive.govt.nz

Subcontractors owed money are to get better protection for payment for work done in changes to the Construction Contracts Act approved by Government, Building and Construction Minister Dr Nick Smith announced on 9th September 2014.

"It is unfair that electricians, plumbers, painters, plasterers, tilers and other subcontractors can miss out on being paid when contractors or developers use retentions money inappropriately. We are going to change the law and require retentions to be held in trust to help ensure contractors and their subcontractors get paid for the work they do," Dr Smith says.

Retentions are payments withheld by the developer and main contractor from subcontractors so as to ensure any faults or repairs to work done can subsequently be put right. An issue arises when the developer or main contractor puts this money at risk by using it as working capital or for another project which then fails, leaving the subcontractor unpaid.

The law change will mean the developer or main contractor has a fiduciary duty to the subcontractors to hold the money in trust. The issue was highlighted with the collapse of Mainzeal where about \$18 million of subcontractors' retention money was lost for many small subcontracting businesses.

The Government has given drafting instructions for a supplementary order paper to the Construction Contracts Amendment Bill currently before Parliament. The changes will impose a trust obligation on retention moneys, prevent the money from being used for other purposes, and impose penalties where the funds for purposes not related to the specific project.

It will also provide for a default rate of interest prescribed in regulations to be applied to late payment of retention payments and clarify that the ban on 'pay when paid' also applies to retentions. The amendments will be introduced to the existing Construction Contracts Amendment Bill currently before Parliament.

"We have not opted for a model of requiring retention funds to be put into a separate bank account or lawyer's trust fund as some have advocated because the compliance cost is too high. Putting a trust obligation into the law makes plain these moneys are not to be used inappropriately and should take priority over other creditors in the event of liquidation," Dr Smith says.

"The proposals have been developed in consultation with the construction sector including subcontractors, who wish to have a flexible approach to compliance that would work across the sector.

"These changes will provide improved certainty and stability in the construction sector without excessive compliance costs. It ensures that in building contracts, the risks are carried by the developer and the principal contractor rather than by subcontractors who are less well-informed of the viability of a particular development.

"New Zealand is on the brink of the largest construction boom in 40 years according to the latest National Construction Pipeline Report, with construction activity set to grow to \$32 billion per annum. This law change is about ensuring the billions held in retentions is responsibly managed.

"The changes will be welcomed by thousands of mum and dad subbie businesses and their employees across New Zealand, as it gives them greater security that they will get paid for the work they do."

# VIGILANT Celebrates its Centenary Year: 1914 - 2014



28 August 2014: This year marks a major milestone for the VIGILANT fire detection brand, as it celebrates 100 years since it introduced its first automatic fire alarm and detection product in August 1914.

The Vigilant Automatic Fire Alarm Company Ltd (Vigilant) was established when Matthew Maloney registered the patented VIGILANT Thermostat Fire Detector. Over the ensuing decades it has built an impressive reputation for assisting people to save lives in Australia and New Zealand, particularly during the early years when there was great ambivalence towards the value of fire protection.

Today, Vigilant and its non-proprietary range of fire detection products, is part of Tyco, the world's largest pure-play fire protection and security company. Renowned for its dedication to research and development (the company has a dedicated R&D facility located in Christchurch, New Zealand focused on the offerings), Vigilant has been responsible for introducing many fire industry innovations to Australia and New Zealand in the past 100 years, including the recent VIGILANT MX1 Detection and Alarm Panel.

The VIGILANT MX1 transcends new generation technology with smart PC inter-connection and Internet Protocol (IP) communications for virtual connectivity. In addition, Vigilant will be introducing a new range of Generation 6 Detectors that feature highly sophisticated built-in infrared technology. These detectors have the ability to allow for remote programming capabilities, resulting in a safer, quicker and easier installation process. The new Generation 6 Detectors are attractive multicoloured detectors, available in a stylish suite of pantone shades to allow architects and designers to integrate fire protection seamlessly into any project's colour scheme.

Commenting on the VIGILANT centenary, Patrick Conway, Director at Tyco Fire Protection Products, said, "We are extremely proud of the VIGILANT heritage. This brand and the company not only deliver innovation on a global scale, but have also



Top to bottom: 1914 Compensating Detector, 1924 Skyrocket Detector, 1929 Drumstick Detector

been instrumental in setting the scene for enhanced fire codes across Australia and New Zealand, to help keeping people and property safe from the devastating effects of fire."

"The VIGILANT brand has evolved so much over the last 100 years and we are very excited about advancing towards our next centenary."

The Vigilant R&D and manufacturing centre in Christchurch, New Zealand, continuously strives for excellence, harnessing in-depth expertise to develop world leading fire protection products. In 1989, Vigilant became part of Tyco, the world's leading fire and security company, where the VIGILANT brand continues to be at the forefront of innovation. The team supporting Vigilant work ensures that sustainable, high quality fire detection and evacuation control products are produced to meet the evolving needs of the fire protection community.

For further information about VIGILANT fire detection products, call 09 635 0760 or visit www.tycosafetyproducts-anz.com.





# About Tyco Fire Protection Products

Tyco Fire Protection Products is a division of Tyco, the world's largest pure-play fire protection and security company.

As an industry leader, Tyco Fire Protection Products uses its global scale and deep expertise to drive innovation, advance safety and solve the unique challenges of customers in more than 190 countries worldwide.

Every day, Tyco Fire Protection Products manufactures and delivers an unmatched range of detection and suppression systems, extinguishing agents, sprinkler systems, valves, piping products, fittings, fire-fighting equipment and services that helps its customers save lives and protect property. Its global technology portfolio includes fire suppression, fire detection and mechanical building product offerings sold under many of the world's best-known brands: ANSUL, CHEMGUARD, EZCARE, FIRECLASS, FLAMEVISION, GRINNELL, HYGOOD, LPG, NEURUPPIN, PYRO-CHEM, RAPID RESPONSE, SABOFOAM, SHURJOINT, SIMPLEX, SKUM, SPRINKCAD, THORN SECURITY, VIGILANT, WILLIAMS FIRE & HAZARD CONTROL, and ZETTLER.



# **About Vigilant**

VIGILANT, a strategic brand of Tyco, is a technology leader in the Australian and New Zealand fire detection markets with AS and NZS product approvals.

Founded in 1914, the resolute heritage continues today with evolving milestones in technological innovation, research and development, and product excellence.

Powered by the smart MX TECHNOLOGY, the VIGILANT products offer a comprehensive line of fire detection and voice evacuation solutions for defence, mining, commercial, education, transportation, hospitality, power, petroleum oil and gas applications. VIGILANT product lines are widely supported through an extensive distribution network in these markets.

For more information, visit www.tycosafetyproducts-anz. com

For more information, visit www.tycofsbp.com

10	0 Years of VIGILANT: A timeline of key VIGILANT product innovations:
1914	The VIGILANT brand was established with the VIGILANT Thermostat Fire Detector
1952	Manufactured fire brigade alarm receiving equipment for New Zealand fire brigades
1971	The first Electronic Fire Detection Panel (the VIGILANT VIC1)
1987	The first Microprocessor-based Fire Detection Panel (the VIGILANT FP4)
1989	The first Distributed Fire Detection System release (the VIGILANT FP4000) and the first personal computer- based Alarm Annunciator (VIGILANT "PC Display")
1990	An Emergency Warning and Intercommunication system (VIGILANT QE90) and the first Fire Detection Panels launched in Australia.
1992	The first analogue Addressable Detection capability was added to VIGILANT F4000)
1993	Conventional Fire Detection panels were released in New Zealand (FP1600) and Australia (F3200)
1999	VIGILANT Centaur radio-based Fire Brigade Signalling equipment launched SIGMA 5 Compact Conventional Panel released in New Zealand
2001	Revolutionary MX TECHNOLOGY introduced with MX Panel
2004	MX1 Analogue Addressable Fire Detection and Alarm System released
2011	Networking over IP (Internet Protocol) for both Fire Detection and Emergency Warning and Intercommunication System VIGILANT was introduced
2013	MX1 Networking was launched
2104	Revolutionary "Generation 6" MX Analogue Addressable Detectors launched



# Xtralis <u></u>verywhere Technology Showcase

# **Xtralis Everywhere Technology Showcase** Auckland, Friday 17th October, 12pm \* The day after the Fire New Zealand Conference in Auckland

The Xtralis Everywhere Portfolio provides very early, reliable detection and remote verification of smoke, gas and perimeter threats for businesses, governments and critical infrastructure. Our new technologies feature market-leading analytics and a host of compelling features that result in superior detection rates with extremely low false alarm rates making it ideal for thousands of applications.

On Friday 17th October, after the Fire New Zealand Exhibition & Conference we will have our latest technologies on display and provide live demonstrations.

Seats are limited so register to attend this exciting event today.

The latest technologies in the Xtralis-E portfolio include:

- VESDA-E by Xtralis, the next generation of VESDA, the world's leading aspirating smoke detection (ASD) systems. VESDA-E offers an unprecedented, ultra-wide sensitivity range from 0.001% 20% obs/m (0.0003% to 6.25% obs/ft), improves dust rejection, and doubles the longevity while maintaining sensitivity over its lifetime, all with 4% less power consumption.
- VESDA VLQ, a cost-effective very early warning aspirating smoke detector (ASD) that is designed specifically for small-area applications of up to 100 m<sup>2</sup> (1,000 ft<sup>2</sup>) without special applications engineering system design support.

VLQ detectors are suitable for high and normal sensitivity applications and offer installation advantages in terms of mounting options, stand-alone functionality, out-of-box operation, simplified pipe network and flexible integration.

- Xtralis Analytics:
  - VESDA: DustTrace, WireTrace, & DieselTrace

Learn about our new technologies, fire detection solutions for different industries and applications, as well as our industryproven support resources that will help you make the most of our innovative product portfolio.

#### SEMINAR DETAILS

Friday 17th October 2014 Registration will begin at 12pm. Lunch and sessions will begin promptly at 12:30 pm.

The venue and a detailed agenda will be provided once registrations of interest have been collected.

For more information contact Holly Clamp +61 3 9936 7220 or register your interest by clicking here.



# From the Archives

#### MONTHLY BULLETIN

No. 59, AUGUST, 1966



#### AUSTRALIAN FIRE PROTECTION ASSOCIATION

(A non-profit technical and educational organisation to safeguard life and property against fire.) 479 Collins Street, Melbourne, Victoria. Telephone: 62 7151, 62 2283. Chaimman: Harry W. Marryatt Socretary: Albert, E. Campbell

#### Ten Year Record Demonstrates Value of Fire Safety Program

At the Regional Conferences on Fire held in Melbourne and Sydney on July 11th and August 8th 1966, Mr. George Dunnachie, Chief Fire Protection Officer of the Ministry of Works, New Zealand, presented a Paper entitled "Institutional Fire Protection in New Zealand." This Paper described the fire safety program which was embarked upon by the New Zealand Government following a tragic fire in a mental hospital in 1942, which caused the death of thirty-seven patients.

Two major difficulties are faced when endeavouring to persuade people to take fire safety seriously. Firstly, there is the widely held delusion "it cannot happen to us." Secondly, since any effective fire safeguards in a building, whether concerned with construction or fire protection equipment, cost money, a question often asked is whether the results of such expenditure can be justified by the subsequent fire experience.

The information provided by Mr. Dunnachie's Paper is of particular interest in that it provides an authenicated and documented comment on these two points. This is particularly so, because subsequent to the presentation of this Paper the New Zealand Government has kindly made available details of the fire record in the buildings covered by the program for the ten-year period which commenced in February 1956.

#### **ROYAL COMMISSION**

Following the tragic fire mentioned, a Royal Commission of Inquiry was appointed. Its findings, to use Mr. Dunnachie's words, "gave a sharp impetus to the development of fire protection policies for State institutional buildings now followed by the New Zealand Ministry of Works."

In the hospital referred to, the building had been inspected internally only thirty minutes before the alarm was given and axternally only fifteen minutes previously. Nothing amiss was observed at either time. The Royal Commission's report included the following comment: "No manual system of fire-alarm control is, or can be, adequate, and modern automatic alarm recording systems, preferably automatic sprinklers, should be installed through the Beacliff Mental Hospital and similar institutions."

Mr. Dunnachie's Paper points out that after the findings of the Royal Commission had been published, the New Zealand Ministry of Works was given a two-fold task. Firstly, an adequate fire protection standard had to be specified for incorporation in the design of new buildings, and secondly, fire safety standards had to be upgraded in existing buildings. The program covered all buildings where people are housed overnight and where safety to life is of paramount importance, examples being hospitals of all types, children's homes, homes for the aged, hostels and hotels. It also covered Government buildings such as those concerned with defence, important laboratories, workshops, transport buildings and prisons.

-Particular attention was paid to the problem of institutions housing people with disabilities such as mental illness, blindness, post-surgery weakness, old age, and so on. An important point taken into consideration was the fact that many of these institutions must function on a twenty-four hours a day basis, thus increasing the likelihood of fire.

#### CONSTRUCTION SPECIFICATIONS

On the building construction side of the problem it was decided that in planning new works, the single-storeyed villa type of building should be used as far as possible, thus simplifying the escape problem and eliminating the difficulties of evacuation associated with tall buildings. The construction requires the use of low flame spread material. High hazard areas such as kitchens, boiler rooms, etc., are isolated from living accommodation in fire resisting compartments. All new buildings of this type are completely protected by automatic sprinklers.

The New Zealand Ministry of Works has looked at the problem of life safety from the aspects of fire detection, evacuation of occupants and fire control. Recognising that time is a vital element, particularly in relation to the development of untenable smoke conditions, as shown by the famous Los Angeles school fire tests, the conclusion was reached that in the majority of cases fire detection would not provide a sufficient safeguard because of staff limitations and the time factor. Broadly speaking, the Ministry therefore came to the conclusion that it was essential to control as well as to detect fires to ensure that occupants could be evacuated from a building within the limited time available.

A survey of existing buildings showed that it was not practicable to make the major construction alterations necessary to bring the buildings into line with the design requirements for new buildings. However, considerable improvement could be made by means of the enclosure of stairways, lifts and other vertical shafts by fire resisting partitions, the replacement of high flame spread combustible materials, or treatment with fire retardant coatings, the removal of hazardous areas and the use of automatic detection and automatic sprinkler systems.

Because of the considerable expense involved, the program had of necessity to be a progressive one, the more serious risks in the older buildings being dealt with first. The most important step taken for these buildings was the installation of automatic sprinkler systems.

In 1956, the Ministry of Works established a detailed fire reporting system. Hence, factual evidence of the effectiveness of the fire safety program is available for a full ten-year period. This shows beyond doubt that the measures adopted were sound, as the following figures from the record prove.

Twenty-two fires occurred in hospitals in this tan-year period. All of them were controlled by three sprinkler heads or less, the majority requiring the operation of only one sprinkler head for control. There was no loss of life to patients and no fire lnjuries. Typical causes of the fires were careless disposal of smoking materials, overheating of fat in kitchens, patient setting fire to bedding, electric iron left switched on, spontaneous ignition and arson.

One fire occurred in a children's home as a result of spontaneous ignition of cleaning rags in a cupboard. Again nobody was injured.

Of seven fires which occurred in hostels and hotels, all except one (which required five heads) were controlled by one sprinkler head without personal injury or serious property damage. Typical causes of fire were a defective fiue, ignition of rubbish, overheating of fat in the kitchen, smoking in bed and an electrical fault.

Shoking in bed and an electrical fault. Other fires in the total of forty-five reported were in physics laboratories, army stores, transport buildings, sawmills, aviation workshops and a prison. There was no loss of life in any of these cases and property damage was minor except in one ordinance store where there was a loss of 28,000, and in one sawmill where a saw bench was damaged in a fire in which twenty-three sprinkler heads operated to control the blaze.

It is probable that by emharking on a carefully considered program for fire safety in institutions, the New Zealand Ministry of Works has established the highest standard of safety enjoyed by occupants auywhere in the world. The program involved substantial expenditure, but the ten-year record which has been quoted proves beyond doubt that the policy has been sound in every respect and that the moncy has been well spent.

"A little fire is quickly trodden out; Which being suffered, rivers cannot quench."-Shakespeare.

#### FIRE PREVENTION WEEK-OCTOBER 23-29

# FPANZ Membership update 2014 - 2015

FPANZ has fully redesigned their membership structure and now offers a more flexible range of membership options from Personal, to Corporate and Organisational categories.

#### So what's changing and when?

There are a number of exciting changes in the area of membership to FPANZ. We have been in contact with a number of key stakeholders for feedback on the services FPANZ provides to members, and the services members wanted added or improved on.

With this in mind, we have moved the membership to a more structured tier-type model. This gives members the flexibility to select the tier that is most applicable to their business model, and to the level of FPANZ benefits required.

The three main types of membership are now **Personal**, **Corporate** and **Organisation**.

Under these three main types of membership there are subtiers of membership. There are now benefits and costs to suit businesses of all sizes within the fire protection industry. This structure enables businesses to decide their level of engagement and support with the Fire Protection Industry and FPANZ.

There are also personal subscription memberships for individuals who wish to stay in touch with the industry via the FPANZ newsletter and website.

FPANZ is pleased to announce that there will also be a number of changes to the Fire Protection Association branding and the current services offered to the industry. These changes will be phased in over the coming months and promise to deliver even greater benefits to FPANZ members and the fire protection industry of New Zealand, and to help raise the profile of the industry and FPANZ members in the wider community.

Applications for all types of membership can be made online and we will be holding a series of conference calls this month to update members on the program and answer any questions that you may have. Some of the key areas of benefits and new information are listed below

- Discount on FPANZ Sales Centre Items / Online Shopping
- Newsletters & Electronic Updates
- Discount on Conferences, Seminars & Workshops
- Certificate of membership
- Vouchers FPANZ
- Firetech Learning & Development Discounts
- Membership Portal Access on website
- Membership cards
- Positions in Special Interest Groups
- Council Nominations
- Magazines
- Eligibility for Certified Contractor Status
- Use of FPANZ Logo on Stationery, Website & Business Cards / Vehicles



- Codes of practice documents and Evidence
- Receive discount on newsletter & magazine advertising
- Fire Equipment Register access
- Priority Exhibition Opportunities
- Priority Seminar Sponsorship Opportunities
- Key Supplier rebates/discounts

These benefits available are significantly updated and with more variety as we have linked in with a number of other key suppliers and industry groups such as Firetech,n3,ideal electrical ,travel suppliers and others.

For us engagement with all stakeholders continues to be a focus as we strive to work with people operating in all sections of our industry.

We acknowledge that as we continue on this journey that many fire equipment operators and others around the country are not involved or members of the association so to help bridge this gap the FIre Equipment SIG group have kindly agreed to promote the new benefits of membership.

To many members the cost of membership can be less but we would encourage you to look at the six new categories of membership on our website that gives you, our members the opportunity to select your level of engagement and associated benefits.





# "GET IT RIGHT" Seminar Series Prefered Trade Practices NZS 4541-13

# 2014 DATES:

AUCKLANDMonday 22nd SeptemberROTORUATuesday 23rd SeptemberWELLINGTONWednesday 24th SeptemberCHRISTCHURCHThursday 25th SeptemberDUNEDINFriday 26th September

# **INVESTMENT:**

- Members (single) \$240 each\* excl. GST
- Members (multiple) \$200 each\* excl. GST
- Non-Members \$330 each excl. GST

\* Available to Full Members who are fully paid-up. Catering is provided for this full day seminar consisting of morning and afternoon tea, Lunch and after event social gathering.

# WORKSHOP LOCATIONS & TIMES

DATE & TIME	VENUE	ADDRESS
Mon 22 September 08:00am - 4.00pm.	Novotel Ellerslie	72-112 Greenlane East Ellerslie AUCKLAND
Tues 23 September 08.00am - 4.00pm.	Millennium Hotel Rotorua	Cnr Eruera & Hinemoa St ROTORUA
Wed 24 September 08.00am - 4.00pm	Rydges Hotel Wellington	75 Featherston St WELLINGTON
Thurs 25 September 08.00am - 4.00pm	Novotel Christchurch	50 Cathedral Square CHRISTCHURCH
Fri 26 September 08.00am - 4.00pm	Kingsgate Hotel Dunedin	10 Smith St DUNEDIN

This Standard NZS4541 provides guidance on the design, installation and maintenance of automatic sprinkler systems. The 2013 changes have implications for those involved in the fabrication, specification, installation, and testing of Sprinkler Systems.

FPANZ is running a series of full-day workshops throughout the country to highlight these implications and preferred trade practice. The workshops follow on from FPANZ' Sept 2013/March 2014 seminars on changes to NZS 4541.

As well, we are pleased to also have an industry supplier to present on two topics. They will have a practical emphasis focusing on preferred methods and practices. As such they will take the form of a discussion forum more than a seminar presentation.

# WHO SHOULD ATTEND:

The workshops are particularly aimed at those involved in fabrication, supply, specification, installation and testing of Sprinkler Systems and who have a need to understand the technical implications of changes to NZS 4541 on trade practice.

Those who should attend include:

- Sprinkler system Designers
- Sprinkler system installation Supervisors and Charge-hands
- Sprinkler system Installers/technicians
- Installation inspectors
- Insurance Risk Managers and Surveyors
- Sprinkler system component manufacturers and suppliers.



## Fire Protection Association New Zealand

Private Box 302-372, North Harbour, Auckland | Ph: (09) 414 4450 | Fax: (09) 414 5707 Email: fpanz@fireprotection.org.nz | www.fireprotection.org.nz



# CONTENT:

The workshop will be presented in a series of parts covering the following timing and topics:

8.00am	Arrival and coffee
8.30am - 10.00am	Presenters <b>Chris Mak and Ian Makgill</b> Sprinkler Failures Corrosion of sprinklers Flushing of systems Painting galvanising
10.00am -10.30am	Morning Tea
10.30am - 12.30pm	Presenters <b>Adam Hicks and</b> <b>Jack Carbone</b> Flexible sprinkler fitting systems Seismic fixings
12.30pm - 1.15 pm	Lunch
1.15pm - 3.00pm	Presenters <b>Chris Mak and Ian Makgill</b> Anti-freeze: What to do in the future Dry-pipe systems common problems Air tightness of sprinkler systems Type Y systems and false alarming
3.00 pm-3.15pm	Afternoon tea
3.15pm - 4.00pm	Review and social discussion
4pm	Close

This workshop is being conducted in collaboration with Victaulic who offer Professional Accredited Training to the



Certification, Inspection agency, Contractors/Installers and Specification Community on flexible drops.

The marketplace offers many different flexible sprinkler fittings, each with unique performance characteristics and design criteria. The goal with this program is for attendees to be able to walk away knowing how to identify the various designs of flexible hoses and brackets and comprehend the important differences in how they perform. Attendees will learn to recognise, install and inspect properly installed flexible sprinkler fitting systems, comprehend the hydraulic performance of flexible drop systems, locate technical support information for flexible sprinkler fitting systems and lastly, comprehend why flexible drops are an important component of modern fire safety - and understand what the requirements of NZS4541 are in relation to this technology and seismic events.

# PRESENTERS

#### Chris Mak: BE FIPENZ, MSFPE, CPeng.

Chrishas over 25 years' experience in the fire protection industry in engineering and management positions. He is currently the manager of Aon's Sprinkler System Certification Business Unit. Previously, he was the engineering manager for NZ's largest fire Frotection Installation and Service Company. He has been involved in the preparation of numerous fire protection standards, including chairing the committees that drafted the last two revisions of NZS4541 "Automatic Fire Sprinkler Systems".

#### Adam Hicks:

Adam is the territory manager for Victaulic with over 9 years' Fire Protection Industry experience, including 5 years with Victaulic. Adam is also a NZ4541 - 2013 committee member.

#### Jack Carbone: Senior Engineer Victaulic

Jack holds a Bachelor's of Science Mechanical Engineering Temple University, Philadelphia, PA and a Masters of Business Administration Norwich University, Northfield, VT. Jack has over 17 years of experience in the fire protection Industry and is a technical expert in fire protection system products, focusing on: Fire protection valves and sprinklers, flexible sprinkler systems providing application support for installers and AHJs. Victaulic Product Specialist responsible for directing the development and growth of fire protection valves.

NFPA Member (1999-present) NFSA E&S Committee Member (2005-2012)NFPA 13 AUT-SSI Committee Member (2011-2012) NFPA 13 AUT-SSD Committee Member (2011-2012)

#### **Ian Makgill:** BE, NZCE, MEPENZ, MSFPE.

Ian has worked in the industry for 51 years, 35 of those in the fire protection industry. He had a trade then academic training and has field experience in installation and testing of suppression systems. Ian was the Company Engineering Manager for Wormald in the 80's and 90's and was on the review committees for many fire protection standards. Ian then spent periods at Fire Risk Consultants/SKM and Verifire (2001-2005). Ian now works as a fire suppression and sprinkler system consultant.





# "GET IT RIGHT" Seminar Series Prefered Trade Practices NZS 4541-13

#### **VENUE OPTIONS**

DATE & TIME	VENUE	NUMBER
<b>Mon 22 September</b> 08.00am - 4.00pm.	Novotel AUCKLAND	
<b>Tues 23 September</b> 08.00am - 4.00pm.	Millennium Hotel Rotorua	
<b>Wed 24 September</b> 08.00am - 4.00pm	Rydges Hotel WELLINGTON	
<b>Thurs 25 September</b> 08.00am - 4.00pm	Novotel CHRISTCHURCH	
<b>Fri 26 September</b> 08.00am - 4.00pm	Millennium Hotel DUNEDIN	

No. of People	Member Price	Multiple Member Price	Non- Member Price	Total
	\$240	\$200	\$330	
NOTE: • Lunch and refreshments are provided. • All prices are per person and exclude GST. • The Multiple Member discount applies to		Sub Total		
		GST (15%)		
registrations of 2 or more attendees from			ΤΟΤΑΙ	

the same FPANZ Member company.

Contact person	
Company	
Postal Address	

Phone

Email

Attendees (names and workshop location)

## PAYMENT METHOD:

Payments may be made online, by cheque, or by credit card (Visa and Mastercard only). Please tick the payment method

Cheque:	\$
Online:	Fire Protection Association New Zealand Inc.
Bank:	Westpac Banking Corporation
Account No:	03-0243-0160041-000
Particulars:	Sprinkler Workshop (please quote with payment)
Credit Card F	Payment:
Visa	Mastercard
Card Numbe	r:
Cardholder's	Name:
Expiry Date:	/
Security Pin:	

# PLEASE NOTE:

These workshops have limited seating. Payment is required with registration prior to the workshop in order to secure a place.

- A receipt will be issued on payment of registration. This will be your confirmation of attendance to the seminars.
- FPANZ reserves the right to change venue or cancel seminars due to insufficient demand. Should this occur, all registration fees will be refunded and necessary parties contacted to advise change.
- FPANZ requires 7 days' notice of cancellation in writing. A 20% cancellation charge will apply. No refund is offered on or after the seminar dates due to un-notified non-attendance. If for some reason you are unable to attend, you may send a substitute in your place.

TO REGISTER:		
Complete this form and		
Mail to:	Fire Protection Association NZ Private Box 302-372 North Harbour, Auckland 0751	
Fax to:	(09) 414-5707	
Email:	fpanz@fireprotection.org.nz	



Firetech Training Limited Providing Nationwide Education & Training in Fire Systems

# COMPETENCE BASED ASSESSMENT (CBA)

Aimed at those with extensive, 5 to 7 years relevant industry experience, the CBA consists of a series of theory and practical assessments resulting in a National Certificate at Level 3 or 4.

FIRETECH TRAINING offer CBA for the following National Certificates:

- NC in Fire Detection and Alarm Systems L4
- NC in Fire Detection and Alarm Systems Testing L3
- NC in Fixed Fire Protection Systems L4
- NC in Fixed Fire Protection Systems Installation L3
- NC in Fixed Fire Protection Systems Testing L3
- NC in Hand Operated Fire Fighting Equipment L3
- NC in Fire Protection Systems Inspection and Testing L4
- NC in Passive Fire Inspection Routine Inspections L3

Applicants will need to contact Firetech Training Managers for a quote as the cost will vary depending on previous credits that have been registered, or any other relevant qualifications.

Jim Kelly: 021 560 161

Private Box 302-388, North Harbour 0751, Auckland. Ph: 0800 3473 8324 or 09 414 4242 • Fax 09 448 0448 • Email: info@firetech.co.nz 9c William Pickering Drive, Albany, Auckland • Website: www.firetech.co.nz



**CONFERENCE & EXHIBITION** 

# RISK

# IS – IG OCTOBER | AUCKLAND ELLERSLIE CONVENTION CENTRE

responsibility

# **DIARISE THESE DATES**

No matter what role you have in the industry, the ongoing story for us all is the responsibility to mitigate the risk of fire.

This Years' FireNZ Conference and Exhibition theme seeks to interrogate the risks and responsibilities we encounter in ensuring the safety of our communities from fire. The Fire Industry's primary role is to mitigate risks, but in doing so may expose practitioners to a higher level of risk than most other professions.

As we continue to improve outcomes for our clients with alternative solutions and new technologies, if a fire occurs, could the assumptions underpinning design and system installations stand up to being challenged? Who decides how much risk is acceptable? How far should we go? Which tools and systems should we use to quantify and minimise these risks?











**RISK** *responsibility* 

Company:	Number of Attendees:
Postal Address:	
	Postcode:
Contact Name:	
Phone: ( ) Email:	
Please tick (🖌): 🗌 FPANZ Member 🛛 IFE Member 🗍 SFPE USA N	Nember IFE/SFPE Membership No
Order Number (if required)	

Registration Fee	Member excl. GST	Multiple Member (2 or more delegates) excl. GST	Non Member excl. GST	
<b>Full Registration:</b> includes attendance and catering for the full 2 days including conference dinner, workshops and delegate satchel.	\$625	\$555	\$770	
<b>2 Day Registration:</b> includes attendance and catering for the full 2 days, workshops and delegate satchel.	\$490	\$420	\$635	
<b>One Day Registration:</b> includes attendance and catering for the full 1 day (excl. conference dinner), workshops and delegate satchel.				
Wednesday 15 October 2014	\$315	\$275	\$455	
Thursday 16 October 2014	\$315	\$275	\$455	
Workshop FPA Includes catering and the workshop only.	\$50			
Workshop IFE Includes catering and the workshop only.	\$50			
Workshop SFPE Includes catering and the workshop only.	\$50			
Architects Workshop Includes catering and the workshop only.	Tick if you are attending			
<b>Contractors/Technicians Breakfast</b> 16th October, 6.45am – 8am. Includes breakfast/exhibition and prizes.	Tick if you are attending Number attending			
Conference Dinner         Single Ticket \$140       Corporate Table (8) \$980				

		Total excl. GST	\$			
	Burns Support Charitable Trust – in support of this organisation, each dinne ticket sold will automatically donate \$5 to the Burns Support Charitable Trust This donation will be reflected in your tax invoice.					
mole. C	Tick box to donate \$5					
se <b>fa</b>	<b>x</b> your completed registration	form to FPANZ	on (09) 414 5707			

Please **fax** your completed registration form to FPANZ on (09) 414 5707 or **email** to fpanz@fireprotection.org.nz or **post** to: Conference Organiser, Fire Protection Association NZ, Private Box 302-372, North Harbour, Auckland 0751

#### **Please Note:**

The Member and Multiple Member pricing is only available to FPANZ/IFE/SFPE USA Members.

#### Early Bird Discount:

An early bird discount of 5% will apply to registrations received before 22 September 2014.

#### Multiple Member Discount:

Applies for two or more delegates registering from the same member company.

#### **Cancellation Policy:**

All cancellations must be made in writing to FPANZ. A cancellation fee of 20% will be charged for cancellations until 7 days prior to the event. No refund will be offered for cancellations 7 days prior to the conference. A substitute may attend in place of a registered delegate.

#### Payment:

A tax invoice will be provided on receipt of the registration form. Delegates can also choose to pay by credit card, using either Visa or Mastercard. A <u>2%</u> surcharge applies to all credit card transactions.

#### Send Completed Registration form to:

Conference Organiser Fire Protection Association NZ Private Box 302-372 North Harbour, Auckland 0751

Ph: (09) 414-4450 Fax: (09) 414-5707

Email: fpanz@fireprotection.org.nz

Please note: Registrations must be received no later than Friday 10th October 2014

Credit Card: 🗌 Mastercard 🗌 Visa
Card Number:
Cardholder Name:
Expiry Date:/
Card security code (CSC): (3-digit number on back of card)
Cardholder's Signature:

FireNZ 2014 • 15 - 16 October 2014 • Ellerslie Events Centre • 80 Ascot Ave, Remuera, Auckland

WORLD LEADER OF INNOVATIVE SOLUTIONS IN FIRE DETECTION AND ALARM SYSTEMS





# XPÁNDER

# Where cables can't go...Xpander can...

Traditionally, fire detection systems in industrial and commercial applications have used hard wired installations.

**Xpander**<sup>™</sup> can be incorporated into fire detection systems in heritage listed and architecturally sensitive buildings where the use of fire cables is either impracticable or undesirable. This is where wireless systems provide the ideal solution.

**Xpander**<sup>™</sup> is a range of addressable multistate detectors and associated products developed to enhance the capabilities of the Ampac addressable range.

The **Xpander**<sup>™</sup> range is proven wireless technology and easy to install.

Ampac Pacific Ltd.

XPANDER

AucklandT: +64 9443 8072F: +64ChristchurchT: +64 3974 1350F: +64

1

**F:** +64 9443 8073 **F:** +64 3974 1351 E: info.nz@ampac.net W: www.ampac.net

# LISTINGS

#### FPANZ Certified Evacuation Consultants as at September 2014

Fire Safety & Evacuations Ltd PO Box 911-128 Auckland Mail Centre Level 1, 2, 3, 4

**Jenny Maxwell Safety First NZ Ltd** PO Box 1830, Auckland Level 1, 2, 3, 4

Les Mellars Active Fire Consultants 3A Arran Rd, Browns Bay Level 1, 2, 3, 4

Chris Mellars Active Fire Consultants 3A Arran Rd, Browns Bay Level 1, 2, 3, 4

Diane Thomson Red Alert NZ 2012 Ltd PO Box 4515 Shortland St, Auckland Level 1, 2, 3 Sandra Thomson Red Alert NZ 2012 Ltd PO Box 4515 Shortland St Auckland Level 1, 2, 3, 4

Lian Khoo Property Brokers Compliance Ltd P O Box 5004 Palmerston North 4441 Levels: 1, 2, 3, 4

John Llewell Safety Fire New Zealand Limited PO Box 1830, Auckland 1140 Level 1, 2, 3, 4

Ian McKenzie CoveKinloch Building Compliance Ltd PO Box 99-461 Newmarket, Auckland 1149 Level 1, 2, 3, 4

#### FPANZ Certified Fire Alarm Contractors as at September 2014

Aquaheat New Zealand Ltd PO Box 51031, Tawa

Argus Fire Protection PO Box 13508 Onehunga, Auckland

Armitage Systems Ltd PO Box 300 483 North Harbour, Auckland

Ask Metro Fire Limited PO Box 84103, Westgate Waitakere, Auckland

Chubb Fire & Services PO Box 19616, Christchurch All Branches

**Compliance Fire Alarms** PO Box 18817, Christchurch

**Cowley Services Ltd** PO Box 13782, Auckland

**Tech Group of Companies** PO Box 3016, Napier

**FFP Nelson Marlborough Fire Ltd** PO Box 2365, Stoke, Nelson **Fire System Maintenance** PO Box 29074, Greenwoods Cnr, Auckland

**Fire Fighting Pacific Canterbury** PO Box 22189, Christchurch

Fire Security Services Private Bag 3207, Hamilton All Branches

First Fire Systems PO Box 112120, Penrose, Auckland

Guardian Alarms 73 Rugby Street, Mt Cook, Wellington Auckland, Wellington & Christchurch branches

Select Alarms PO Box 544, Hamilton

**Triangle Fire Protection** PO Box 34 449 Birkenhead, Auckland

Property Brokers Compliance Ltd PO Box 5004, Palmerston North

Fire Control Services Limited PO Box 87-122 Meadowbank, Auckland 1742

#### Signatories to the FPANZ Code of Ethical Conduct entitled to use the FPANZ logo

Active Fire Consultants Adams Steelguard Ltd AFS Total Fire protection Ltd Amerex Fire Pacific NZ Argus Fire Systems Service Ltd Armitage Systems Ltd Ask Metro Fire Auckland Independently Qualified Persons Ltd Auckland Transport Automatic Fire Alarm Monitoring Ltd Aware Ltd Black & White Fire Safety Ltd Building & Fire Safety Ltd Capital Fire Extinguishers Ltd Central Fire Design Ltd Chubb Systems & Services Ltd NZ Compliance Fire Protection CoveKinloch Building Compliance Ltd Evac Chair Distributors (NZ) Ltd **Evacuation Service Ltd** Enlightened Solutions Ltd Fire & Building Compliance Ltd Fire & Safety Training Ltd Fire Exit Design Ltd Fire Protection inspection Services Ltd Fire Safety Evacuation Fire Safety Service Ltd Fire Security Services Ltd Fire Solutions Ltd Fire System Maintenance Firetherm (NZ) Ltd Firewatch New Zealand Ltd First Fire Systems Forman Building Systems Ltd Guardian Alarms Ltd HSM Group Holdings Ltd Kensway Fire Ltd Loktronic Ltd Masterguard Fire Protection Ltd Mainland Extinguishers National Fire Protection Ltd Nelson Alarms Nova Evacuation Service Oceania Tanks O'Donnell Griffin Fire Opus International Consultants Ltd Papinz Ltd T/A Polyphen NZ Parellel Fire Protection Ltd Phillips & Smith Ltd (PSL) Promat Australia Pty Ltd Property Brokers Compliance Ltd Red Alert New Zealand 2012 ltd Reliance Fire Protection Ltd Rhino Fire Security Ltd Richdale Fire & Security 2012 Ltd Safety first New Zealand SkyCity Auckland South Pacific Fire Protection Ltd Spot On Fire Protection Ltd Steel & Tube Holdings Tasman PFV Ltd Triangle Fire Protection Ltd Tyco Fire Protection Products

# LISTINGS

## Listed Sprinkler Contractors as of September 2014

CONTRACTOR NAME	LISTING TYPE
Absolute Fire Protection Ltd	Provisional
ASF Total Fire Protection (Including Life Safety Service (2010) ltd)	Full
Almak	Full
Aon Inspections Service	Full
Aquaheat Industries Ltd	Full
Argus Fire Systems Service Limited	Full
Ask Metro Fire	Full
B&M Sprinkler Ltd	Full
Black and White Fire Systems (2011) Ltd	Provisional
BSC Fire Ltd	Full
Central Fire Design Limited	Full
Chubb Systems & Services Ltd Chubb NZ Ltd	Full
Compliance Fire Protection Ltd	Full
Electrotech Controls Itd	Full
Emergency Management Solutions	Full
Emerson Fire Protection Itd	Provisional
Elite Fire Protection Ltd	Provisional
Fire Control Services Limited	Full
Fire & Mechanical Contracting Ltd	Full
Fire Fighting Pacific Canterbury Limited	Full
Fire First Systems Limited	Full
Fire Protection Engineers Limited	Full
Fire Protection Inspection Service Ltd	Full
Fire Risk Management Ltd	Provisional
Fire Security Service Ltd	Full
Fire Solutions Limited	Full
Fire Sprinkler Installations NZ Ltd	Full
Fire System Inspections Ltd	Full
Fire System Maintenance Ltd	Full
FFP Nelson Marlborough Fire Ltd	Full
Homesafe Ltd	Full
Hudson Inspections	Full
Kensway Fire Limited	Full
LA Inspection Services Ltd	Provisional
Nationwide Fire Protection Ltd	Full
Nelson Marlborough Fire Services Ltd	Full
O'Donnell Griffin Fire	Provisional
Pacific Building Services	Full
Property Brokers	Full
Rapid Fire Protection Ltd	Provisional
Spotless Facility Service (NZ) Limited	Full
Triangle Fire Protection Ltd	Full
Southgate Fire & Safety Limited	Full
South Pacific Fire Protection Ltd	Full
Sprinkler Fitout Specialist Limited	Provisional
Ultra Fire Sprinkler Systems Ltd	Provisional
Unifire Ltd	Full
Watson Limited Fire Design Services	Full
Wormald (Tyco New Zealand) Ltd	Full

## Fire Extinguisher Service Agents as of September 2014

COMPANY NAME	PHONE	EMAIL/WEBSITE	LOCATION/S
Actron Fire Services Ltd	(09) 357 6767	actron@xtra.co.nz www.actron.co.nz	Auckland
Argus Fire Systems Service Ltd	0800 427 487	service@argusfire.co.nz www.argus.co.nz	Whangarei, Auckland Hamilton, Rotorua Wellington, Christchurch
Capital Fire Extinguishers Ltd	04 236 6400	peter.donald@capitalfire.co.nz www.capitalfire.co.nz	Greater Wellington
Chubb Fire & Security Ltd	0800 800 535	www.chubb.co.nz	National through central contact
Complete Fire Protection Services Ltd	07 312 4494	gathomson@xtra.co.nz	Bay of Plenty - East Cape, Central lakes. Offices in Whakatane & Taupo
Compliance Fire Protection Ltd	(03) 382 1155	glenda@cfpl.co.nz www.compliancefire.co.nz	Christchurch
Eastland Fire Compliance & Locking Ltd	(06) 868 3333	geoff@efcl.co.nz www.efcl.co.nz	Gisborne & East Cape
Fire & Building Compliance Ltd	0800 488 758	info@fbc.co.nz www.fbc.co.nz	Auckland, Waikato, Tauranga, Turangi
Fire Control Services Ltd	0800 352 637	info@firecontrol.co.nz www.firecontrolservices.co.nz	National
Fire Fighting Pacific Canterbury Ltd	(03) 366 7889 (03) 688 9070	linda@ffp.co.nz timaru@ffp.co.nz www.ffp.co.nz	Christchurch Timaru Canterbury
Fire International (NZ) Ltd	09 524 8847	fireintern@clear.net.nz www.fireinternational.co.nz	Auckland
Fire Security Services Ltd	0800 114 611	robinm@firesecurity.co.nz www.firesecurity.co.nz	North Island
Firewatch (NZ) Ltd	0800 347 392	sales.support@firewatch.co.nz www.firewatch.co.nz	National through Agents
Mainland Extinguishers	(03) 544 9645	mainx@xtra.co.nz	Richmond, Nelson
National Fire Protection (2006) Ltd	(09) 473 6102	nat-fire@xtra.co.nz www.nationalfire.co.nz	Auckland, Rodney
Property Brokers Compliance Ltd	0800 226 675	compliance@propertybrokers.co.nz www.propertybrokers.co.nz	Lower North Island
Reliance Fire Protection	0800 252 565	Rod@reliancefire.co.nz	Christchurch
Richdale Fire & Security 2012 Ltd	(06) 345 0982	admin@richdales.co.nz www.rfsfire.co.nz	Wanganui, Manawatu Rangitikei District, Ruapehu District, South Taranaki
Southern Fire Protection Ltd	(03) 476 7873	southernfire@xtra.co.nz southernfire.co.nz	Dunedin
Spot on Fire Protection Ltd	0800 444 700	spotonfireprotection@xtra.co.nz www.spotonfireprotection.co.nz	Bay of Plenty
Spot on Vital Fire Protection & Compliance Ltd	0800 428 758	spotonfire@ihug.co.nz	Waikato
Westland Fire Equipment (2006) Ltd	(03) 762 5609	wfe2006@xtra.co.nz	South Island West Coast -South Karamea to Haast
Wormald (NZ) Ltd	0800 4967 6253	Wormald.questions.nz@tycoint.com www.wormald.co.nz	National

# **FIRE SAVES:**

The list of Fire Saves is currently being updated and will start featuring with more recent fire saves as of next month



# FPANZ Website Now Live!

We are pleased to announce that our new members website has launched. While we are only about 85% complete, we felt that a pre-release would enable some feedback on the new navigation and facilities available.

In the very near future there will be a members-only section that will allow access to things like the fire alarm equipment register, previous newsletters and other content. From this area, members will be able to book to attend seminars directly online, purchase FPA products and membership options all online securely.

The new search directories will also provide easy ways for our members to be found by the public, construction industry, consultants and engineers. The News & Events and Calendars provide a quick way to see all FPA event at a glance, including SIG meetings, training seminars, AGMs and conferences. This will also be an easy place for our members to notify other members of their fire related events coming up too. We will be actively raising the online profile of the association and, more importantly its members, with a number of social media strategies.

So stop by and have a look regularly to see the new site grow and improve. We also would welcome your comments and feedback.

**Fire Protection Association New Zealand** Private Box 302-372, North Harbour, Auckland Ph: (09) 414 4450 | Fax: (09) 414 5707 Email: fpanz@fireprotection.org.nz | www.fireprotection.org.nz



#### © Fire Protection Association (New Zealand) Inc. 2012. All rights reserved.

This Newsletter and its contents may not be copied or re-distributed without the written permission of the Fire Protection Association (New Zealand) Inc. The Fire Protection Association (New Zealand) Inc does not warrant, either expressly or by implication, the accuracy or currency of any information or data contained in this Newsletter. The Fire Protection Association (New Zealand) Inc.