



**Executive Committee
2017/18:**

President:

Mr Peter Morgan

Vice President:

Mr Dean Torstonson

**Immediate Past
President:**

Mr Les Ward

Board Members:

Mr Neil Cates
Mr Darcy Maddern
Mr Gavin Parker
Mr John Quayle
Mr Matt Webster
Mr Neill Kydd

Technical Advisor

Mr Gordon Laing

Web Manager:

Mr Murray Discombe

**National Secretary/
Treasurer:**

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The Institute of Quarrying NZ (Inc.)

“Our Mission is to promote the fellowship of members and enhance the image and professionalism of quarrying in New Zealand.”

Issue: 52

Newsletter Date: March 2018

President’s Report

Welcome to the Autumn edition of the IOQ NZ (Inc.) newsletter.

I trust everyone managed to get at least a little break from the work environment over the holiday period. I’d say that the typical quarryman in NZ has trouble “switching off” and not taking work home with them.

Speaking of work and workload, everyone throughout the entire country seems to be extremely busy at the moment and there does not yet appear to be any let-up in forward work. Many companies down here in the deep south add an extra day (provincial anniversary) onto the Easter weekend which effectively gives staff a five day holiday. Do not underestimate the value of a decent break when it comes to staff wellbeing.

To quote Richard Branson ... “Put your staff first, customers second and shareholders third.”

There is a growing acceptance that it is the responsibility of business leaders to first and foremost elevate the health and well-being of employees. There are quite a few reasons for this but first and foremost studies now prove that if you focus on employee happiness, their productivity grows 20-47% and business revenue grows an average of 22%. Plus, your best

staff stay and it becomes easier to attract the best new employees. That in itself is reason enough for supporting your staff and promoting their health and wellbeing.



In my opinion the traditional idea that a business exists primarily to make money for shareholders is still valid however some of the old attitudes around “them and us” are antiquated and no longer fit for purpose (not that they were all that fit for purpose in the first place).

At our February Board meeting we had the pleasure of being addressed by Pauline Wrigley of EWP Services. Pauline specializes in helping companies find the right tools and culture for individuals to thrive in. We intend incorporating a presentation from Pauline at the annual conference and maybe also at branch meetings.

Don’t forget to get your nominations in for the IOQ NZ (Inc.) awards at the Hamilton Conference. We really do not want to have to tell our award sponsors that once again we have a shortage of nominations. These sponsors contribute a lot to our industry in many different ways and I think at the very least we can respect their support by fronting-up some nominations.



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You will by now be aware that Paul Hunt has been appointed to the role of Chief Inspector. Congratulations Paul. We look forward to seeing your IOQ NZ (Inc.) membership application in the post.

Everyone has been busy behind the scenes and we look forward to seeing the results of the CoC review and also the MITO US review. In addition to all this we are now in the thick of our regulations review. There is plenty of information available on all these matters and more. Just dust-off the keyboard and start looking.

Have a good Easter.



Peter Morgan
IOQNZ (Inc.) President

QUARRYNZ
IOQ/AQA ANNUAL CONFERENCE

2018 Quarry NZ Conference

Hamilton

Dates: 18-20 July 2018

CPD Hours Claimable

The hours claimable will depend on whether you attend the entire conference where there is the potential to claim up to 12 hours CPD, or whether you only attend for one day.

**Canterbury Branch
Report**



2018 is well underway.

On Wednesday 21st March, we visited the Gough Cat's Component Rebuild Centre in Hornby for a technical presentation and received an update on a number of advances in the Gough Cat space. This provided valuable CPD time and another great opportunity for networking. A big thank you to the Gough Cat team for the work they put into this function, and their generous sponsorship of the evening.

27/28th April we're off to Geraldine for a visit to local quarry/quarries, followed by local networking. This will be an overnigher for some of us closer to Christchurch, and we'll be keen to get quite a few locals involved if possible. We'll be ensuring there are CPD hours accrual opportunities. Whilst we have some work in progress ideas, if anyone in the Mid South area who reads this has further ideas on what we could do, please get in touch with Gavin Parker to discuss. We'll also be keen to get prospective members along to hear about what IOQ can offer.

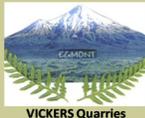
AGM is planned for Wednesday 20th June—details to be confirmed.

28/29/30 September will be an overnigher to the West Coast looking over some coal and gold mine operations and networking with local members/prospective members. We'll travel over in work utes, however will be looking for earlier indication of numbers so we can organise logistics whilst over there. At this stage we'll be looking to overnight in Reefton, (2nd night optional as some may prefer to come home) and entertaining evening/s is "guaranteed!"

Xmas get together will be late November.

Gavin Parker
Branch Chairman

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Waikato/BOP Branch Report

Hello all fellow members, Tight lines and good fishing.

The Waikato / BOP branch has kicked off the year with a running start even though as you read this quarter of the year is already gone.

We are as a wider committee busy with the finer details of the upcoming conference “50 Years and Beyond – Embracing Future Technology in our Industry” which is being held over 18th July to 20th July 2018.

This conference marks the 50th anniversary of the Institute of Quarrying NZ (Inc.). This is an organisation that has come of age. It is now playing a major role in training, including innovative webinars, as well as helping to organise health and safety forums, providing professional advice and support. The conference allows everyone, IOQ NZ member or not, to celebrate that our industry has reached a milestone and well-poised for the future. Every conference provides something unique but we think Hamilton will set a new benchmark and provide attendees for some innovative thinking and technological insights into what’s coming in our industry.

On a more local note we held our first Branch meeting/Technical evening for 2018 at GOUGH CAT Hamilton on 13th February 2018. **Wayne Scott** (MINEX) gave us a very informative talk on Dust emissions in the workplace and how they affect worker and community health along with ways to manage, measure and control these issues. The importance of monitoring sites and employees and keeping good records. Also, the perception the community has towards Quarries. A very informative session and well received by all. **James West** from Goughs briefly discussed the new safety features on the new caterpillar excavator on display and asked for members to ask questions when enjoying the BBQ and refreshments down stairs after the meeting.

We are being very busy with the following upcoming events for the branch as follows:

Wednesday 21st March 18 (since held)

A field trip to Blue Pacific Minerals site trip including factory and quarry. Some of the processes used here will open your eyes to what Quarry products can be used for. Travel by own vehicles and meet at the Tokoroa site 5pm for trip to Quarry and then back to factory for a tour of processing plant and a technical talk on processing systems and product lines and uses finish with nibbles. Sponsor Rocktec

Tuesday 10th April 18

Branch Meeting to be held at Omya NZ Te Kuiti processing factory with site tour of the processing plant and a technical presentation on processes and product lines, this visit will amaze you the technology used and the products made from Limestone are all around you every day. Real Steel sponsored.

28th April 2018

Golf day Tahuna, annual Golf challenge IOQ Vs CCNZ all welcome. Sponsors Prime, Ryco and suppliers for prizes.

26th May 18

Fishing Trip Coromandel details to be confirmed.

26th June 18

AGM held at Mimico. Mimico sponsored.

18th – 20th July 18

Registration is now open for the QuarryNZ conference, being held in Hamilton

Ray Haley—Branch Chairman



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Central Districts Branch Report



The days are getting shorter now and I am sure you are all flat out with the “got to get done before winter” crowd.

This quarter has been quiet for the Central Regions Branch as we have had Worksafe’s Extractives Training and Supervision forum. Unfortunately, I was only able to attend the morning sessions, but from what I saw and the feedback regarding the rest of the day it was hugely positive.

I am looking forward to the Wellington branch meeting on the 19th of April and hope to see some of you there.

Marlborough/Tasman Branch Report



Marlborough Tasman had their first meeting in February with an attendance of over 20 people. There was good discussion on the merits of belonging to the local IOQ NZ and benefits that is available to members.

As the meeting was held on the week of the Takaka hill damage this denied the members from Golden Bay from attending.

We had a paper presenting the new HASNO regs which presented the members an opportunity to obtain CPD hours.

From our first meeting we have had numerous inquiries for membership and it is hoped that this will transpire into more members.

Overall it was a successful meeting and we look forward to our next one in May prior to conference

Neill Kydd—Branch Chairman

Northland Branch Report



By Murray Smith

Its been a slow start for us up North with only one technical evening 7th March 2018 which was held at Lincoln /Crene Hydraulics building with a well-done barbeque meal to start the evening off.

This was followed by two guest speakers Bill Hackshaw from BroLube speaking about Cab pressurized filtration systems mainly for the control of Silica dust in the quarry environment. Then followed by Alistair Goodland from System Drivers who is an independent Health and Safety consultant who spoke about the need to have a Quarry Management Plan in place, and the importance of documenting what we do.

Evening finished with a raffle of two great meat hampers - also some conveyer rollers supplied by Jon McAllister from Crushing and Mining Services.

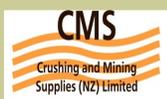
The committee is working on our local awards night 1st September with all our major sponsors back on board again. With the renaming of TransDiesel award to: In Pursuit of Excellence Northland.

Well the talking point in the North at the moment is where is our summer time. With that much rain its nearly time to pull the life jackets out of the boat and wear to work.

Still more rain. More mud, need more metal sales?

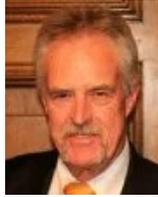


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Auckland Branch Report



The Auckland Branch has arranged two meetings so far this year.

Field trip

Whitford Quarry has almost exhausted its consent to extract aggregates. A field trip on Feb 20th was arranged to provide members and interested parties an opportunity to see what Fulton Hogan's plans are, as they wind down operations there and continue focussing on landfill operations in the areas where quarrying has already ceased. Thanks to Shane Adams for the informative talk.

A bus trip was arranged, first visiting the Whitford Quarry site and then to the McNicoll Road Clevedon Quarry, (formerly owned by Warren Fowler Earthmovers). Mark Cameron indicated that subject to consent approvals, the operations at Clevedon would quickly ramp up with the potential to supply up to 3 million tonnes per year. [Consent has now been granted by Auckland Council] We learned that an extensive stripping project is already under way to provide better access and establish benches. It will be interesting to watch the development here.

A fantastic meal and refreshments arranged at the Clevedon Hotel was a great way to close out the evening by the 43 that attended. Thanks Fulton Hogan for making this a memorable afternoon.

Technical evening

On March 20th Liebherr hosted a Technical evening at their NZ headquarters in East Tamaki. It was well attended with just over 40 including some of the Liebherr team. Firstly, thanks to Rodney and Clare for your presentations.



Liebherr hosts Technical evening

Rodney Pilbrow's presentation discussed the huge advances in surveying equipment and techniques over the past 30 years culminating in use of his latest surveying tools - an unmanned aerial vehicle (UAV) – a mini helicopter measuring less than 2m long and just 13.5kg, fitted with his "snoopy" scanner. Today's survey cameras are equipped for laser scanning and/or photogrammetry (combining photo images with the scanned images).

Clare Dring, Fulton Hogan's National Materials Specialist presented on NZTA M/4 basecourse testing including preliminary results testing for clays using the ethylene glycol method. She also advised that M/6 sealing chip testing now included ALD/AGD tests. Her talk also covered the intense issues facing Canterbury quarries as they gear up attempting to supply aggregate to rebuild the region's infrastructure post the 2010 / 2011 earthquakes.

Gordon Laing and Murray Discombe then presented on webinars and how easy it is to earn CPD hours using this method to keep abreast of key aspects of quarrying.

Our host, Craig Nicholson discussed the wide range of equipment that Liebherr manufactures and sells, but discussed in more depth features of the Liebherr wheel loaders. At the end of his talk we were treated to a great feed and refreshments in the workshop where three-wheel loaders were on display.

On behalf of our members, thanks again to our sponsors, Liebherr.

Two further meetings are planned - May 8th and June 19th – we look forward to seeing you there.

Murray Discombe—Chairman, Auckland Branch



Field Trip to FH Clevedon Quarry

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Otago/ Southland Branch Report



2018 has started off as extra busy for our quarries here in the south with every one making products and some adding new plant into the mix. The branch held its first meeting for the year at Wain's hotel in Dunedin - the evening was sponsored by Freeman Media. Bernie Napp and Matt Freeman from Inside Resources gave a combined presentation explaining what Inside Resources can do for our industry. They provide a subscription-based news and information service for the extractive industry, you can receive daily news updates via email and have access to company and mine/quarry location plans. In the presentation they promoted the New Zealand Minerals Forum to be held in Queenstown 29-30 May 2018.

In attendance was MITO representative Philip Baily who spoke on the courses available and the need for learners to progress through various programs starting at level 2 introductory skills for extractive industries.

Also, in attendance was Wayne Scott from MinEx who spoke on the importance of recording "Near Misses" and sharing them with others so we can all learn and put controls in place to prevent harm. If you have any near misses to share forward them to wayne@minex.org.nz.

Some ideas about a joint field trip with the Canterbury branch to Timaru /Oamaru area was discussed and we look forward to Canterbury taking the lead on this?

Our next meeting is planned for 17 May in Invercargill - Trans Diesel will advise the venue and program closer to the time.

If you know of anyone interested in joining the IOQ NZ bring them along - we are getting new members every meeting.

Thank you to all our supporters, suppliers and members that make the IOQ NZ such and good organisation to be a part of.

Phill Boulton—Branch Chairman

Wellington Branch Meeting

19 April 2018

There is no time like the present to re-establish the once active Wellington Branch of the Institute of Quarrying NZ (Inc.) and so you are invited to our first meeting on the 19 April 2018 sponsored by RealSteel in Upper Hutt, Wellington.

The meeting will include:

- Branch AGM
- Update from the IOQ NZ (Inc.) Executive
- Wayne Scott from MinEx
- Plant tour and technical update from Real Steel
- Along with a hearty meal.

An agenda will follow shortly and you will be able to claim CPD hours for attending and content. If you could please confirm your interest at this time be greatly appreciated.

Please RSVP to Brian Bouzaid (Acting Chairman) on brian.bouzaid@holcim.com or mobile (021) 911 403.

2018 YOUTH PROGRAMME

Applications have been received for the 2018 Youth Programme.

Decisions on the recipients will be made shortly.

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WORKSAFE

NEW ZEALAND | MAHI HAUMARU AOTEAROA



WorkSafe appoints new Chief Inspector Extractives

Paul Hunt has been appointed as Chief Inspector Extractives in the High Hazards Unit.

Paul will take up his appointment on 26 March and will be based in Hamilton. His appointment follows an international search to replace Mark Pizey who resigned from the role late last year.

“Paul is a vastly experienced extractives executive. He was most recently Solid Energy’s North Island Operations General Manager, and he has held the roles of Mine Manager and General Manager at the Huntly East mine,” Acting General Manager High Hazards and Energy Safety Craig Marriott said.

“We are fortunate to have attracted someone of Paul’s calibre and his experience and qualifications fit him well to lead our team...”

Award Nominations Now Open

INSTITUTE OF QUARRYING NEW ZEALAND INC

AWARD NOMINATION FORM

Guidelines:

Any member or branch of the Institute can nominate an IOQ member from your local branch who you believe to be the most deserving for each category.

Nominations must be received by the Executive Council on or before May 31st each year.

Nominations should include some background information about the person, current job description - a mini version CV.

Please review the criteria for nominations as described in the "Awards" section, to ensure the member you wish to nominate is eligible. Include your reasons for nominating, along with your contact phone number, and email address.

Awards:

- > ~~Golden~~ Innovation Award
- > RD ~~Johnson~~ Memorial Trophy
- > Lyn Jordan Memorial Trophy
- > IOQNZ Award
- > Webster Scholarship
- > Porter Equipment Leadership Award

Winstone Aggregates Safety Award

If you believe your quarry (or a quarry in your area) should be nominated for the Winstone Aggregates Safety Award, please prepare your application based on the criteria set out the "Awards" section.

Remember that **Applications should reach the Institute of Quarrying Secretary by 30 April**, to ensure that the judging panel has sufficient time prior to Conference, to visit each of the nominated quarry sites. If an entry is received too late to facilitate a visit, judging could be influenced by the quality of each presentation, or your entry rejected.



AWARD	
Nominee	
Company	
Reason for nomination	
Continue on separate page if necessary, or attach written supportive CV about the nominee	
Especially include photos and statistics of plant as applicable and relevant to the application.	
Nominated by	
INZ Branch	
Contact Phone	
Email Address	

What awards are on offer?

See page 7 of this newsletter.

What is the criteria for each award?

Click below and select your award.

<https://ioqnz.co.nz/awards/>

How easy is it to nominate?

It is very easy.

Just complete an Award Nomination Form (as per the sample shown) together with any supporting photos and/or documentation.

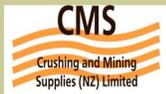
Forms can be downloaded as per the link above.

When do nominations close?

Closing date for nominations **31 May** of each year.

Winstones Safety Award 30 April of each year.

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2018 IOQ NZ Awards



Winstone Aggregates Safety Award



Safety of people at a quarry site, both staff and visitors, is paramount. Each year this Safety Award is presented to the quarry operation **judged the best for 'meeting a wide range of safety criteria relating to the industry'**.

Nominations can be made by any Branch of the IOQ New Zealand in writing and must be supported with detailed reasons for the nomination. Applications should reach the IOQ National Secretary by 30 April, to ensure that the judging panel has sufficient time to visit each of the nominated quarry sites.

This most coveted trophy is presented through the IOQ NZ Inc by Winstone Aggregates and is in the form of a large mounted crystal.

Southern Cross Engineering-Rocktec Innovation Award



The SCE-Rocktec innovation award of \$3,500 is offered annually. The award is to assist the member to further his or her knowledge of the quarrying industry for their benefit and that of the Institute of Quarrying NZ (Inc.). The award is to **recognise a member's contribution to innovation in the quarry industry**. This may include innovation in any area of quarry operations including production, operations, plant design, maintenance or processes. The member would use the travel award to view operations, enhancements, automation, plant design and services and maintenance that are innovative or being used to improve quarrying efficiencies, production or operation practices with a view to sharing these ideas within his/her own business and the industry. "The striking glass award is inscribed and is the recipients to keep".

R D Hased Award



This trophy is awarded annually to a New Zealand member of the Institute **who has made the most outstanding contribution to the Branch during the current year**. Nominations for this award can be made by any member of the Institute or any group committee. This trophy remains the property of the IoQ NZ and is held by the current recipient for the twelve months following its presentation at the Institute's NZ Annual Conference normally held in July each year.

The trophy is a piece of limestone containing a scallop shell fossil from Pakipaki Quarry in Hawkes Bay, and is mounted on a wooden base.

Porter Equipment Quarry Leadership Award



This award is presented to an **Institute member who has achieved 10 or more years membership and who holds a management position within the quarrying industry**.

This prestigious award offers an all-expenses paid 5 day trip to Korea to visit the Hyundai Factory hosted by Porter Equipment and will be presented every two years.

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2018 IOQ NZ Awards

Lyn Jordan Memorial Trophy



This award is for the "Best Technical Paper" given at an Institute Branch Meeting or the Quarry NZ Annual Conference. The award is in memory of the late Lyn Jordan who was an early member of the IOQ NZ Inc and is in the form of a vintage exploder donated by the Explosives Division of ICI NZ Ltd (now Orica). The trophy remains the property of the IOQ NZ and is held by the current recipient for the twelve months following its presentation.



B R Webster Family Educational Scholarship

The Scholarship is awarded to individuals who are studying towards qualifications in the quarrying industry and who want to advance their tertiary study or practical learning but have limited ability to pay, or who do not have the support of their employer. If you already have some qualifications and believe you would further benefit from the scholarship then you may also apply. It is preferred that this study is carried out through MITO.

Individuals who receive the scholarship are also granted Student level Membership to the Institute of Quarrying for the first year, if they are not already a member of the IOQNZ.

Additional Awards & Citations



The INSTITUTE OF QUARRYING NZ AWARD is very much the 'members award' and awarded by IOQ NZ to **formally recognise both a long-serving member who is held in high regard because of a long period of outstanding service to the Institute, and/or a retiring President at the end of his tenure on the Executive Council.** This Award is, above all, a measure of the esteem in which the nominee is held by his colleagues, and is made in the true spirit of Institute fellowship.

RJ & AJ Loader Sponsors Shield



This award in the form of a shield donated by Andy & Raewyn Loader is for **the best sponsor's display judged annually at the Quarry NZ Conference.** The trophy remains the property of the IOQ NZ Inc and is held by the current recipient for the twelve months following its presentation.

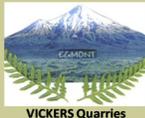
Worksafe New Zealand Chief Inspector Extractives Safety Leadership Award

The award recognises demonstrated commitment to continuous improvement and safety leadership in the area of workplace health and safety, in both the extractives and extractives support sectors.

The award will be aimed at a **company** rather than an individual operation/site.

Companies must nominate themselves in writing to the Chief Inspector Extractives, Worksafe New Zealand

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2018 CPD Training Programme



2018 Seminars

May
Emergency Management

September
Effective Leadership for Quarry Managers and Supervisors

Specific details on locations and dates will be advised shortly.

Training Provider

Message from Greg Steele Industry Training Works Ltd.

Our Company is based out of Tokoroa but our Trainers travel widely to deliver to meet customer needs outside the area.

We have NZQA consent to assess CIMS unit standards in addition to a wide range of industry units; confined spaces, heights work, gas testing, permit to work, H&S, Chainsaw, rural fire, first aid, wardens, trainer training, among these.

I understand that the Quarries sector may have a need for CIMS training, specifically units 17279 and 22445 (and/or the units which have recently replaced these).

We have a standard course for these units, which I deliver. The concepts are fairly generic, and most of our customers are from forest companies, DOC and territorial authorities. In the past we have covered participants from Fulton Hogan ,Downers etc who link to these agencies. We focus on the types of incidents likely to involve our course participants.

For more information—call me on 0274 317 211

2018 Webinars

6 April
Roads, Vehicles and Stockpiles

9 April
Introduction to Safety Management Systems

13 April
Communication & Consultation

16 April
Alkali Aggregate Response

20 April
Environmental Management

23 April
Effective Risk Management

4 May
Geology and Geological Processes

14 May
Guarding and Plant Isolation

18 May
Management Fundamentals (TBC)

21 May
Manufactured Sand

25 May
Management Skills

1 June
Operational Planning

To register click here:

<https://ioqnz.co.nz/2018/03/webinars-april-to-june-2018/>

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CPD Attendance Certificates

Will I receive an attendance certificate for webinars and seminars? Yes. Attendance certificates will be handed to you on the day of the seminar (or posted if a late registration), and emailed for webinars.

Will I receive an attendance certificate for attending a branch meeting? No. However you will have signed an attendance register which is held by the Branch and a copy is also forwarded to IOQ NZ Head Office should WorkSafe wish to verify your attendance.

Will I receive an attendance certificate for attending the Quarry NZ conference (including AGMS and CPD workshops)? No. However you will have a) registered for the conference, b) signed an attendance register at the AGMS and c) been scanned into the CPD workshops. Therefore, IOQ NZ has a copy of these records should WorkSafe wish to verify your attendance.

What supporting documentation should I keep? It is suggested that you print off branch meeting fliers and retain conference registration records which can be used as supporting documentation.

Upcoming Meeting

A meeting of quarry sector leaders with WorkSafe and BoE members is being held on 4 April to discuss and exchange views on issues of interest to the quarry sector which will include the review of the Health and Safety at Work (Mining Operations and Quarrying Operations) regulations 2016.

Inside Resources Free Trial

Inside Resources is a subscription-based, business news service for the minerals, quarrying, cement and concrete, and roading and civil construction industries.

I have now been editor at *Inside Resources* for 3 months, and to date have visited quarries in Canterbury, Auckland and the Waikato, as part of my getting to know the industry.

Recently I attended an IOQ NZ Inc branch meeting in Palmerston North, where there was an excellent talk on burnout among quarry managers and workers. The article we ran proved very popular among our readers, and is attached at the bottom of this email.

I invite you to consider a 7-day free trial, if you do not already subscribe to *Inside Resources*. You get to find out what is happening in the sector that you don't find in the mainstream media. To our subscribers, thanks for being part of our community. Your support is vital to our success.

We produce three news items a day. We report on quarries, government policy, labour issues, roading projects, equipment and technology, and more. Searchable content on companies and sites, and by topic.

Latest coverage includes: Half billion price tag for Manawatu gorge route; World's largest articulated hauler at Drury South; Focus on 'near hits' to save lives; Wellington public narrowly favour \$2.3bln transport option; Driver hurt in Northland quarry crash; Hinuera Stone paves its way; and Hearings to begin on Road Metals' Yaldhurst expansion.

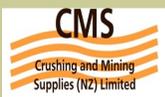
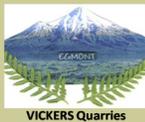
Inside Resources is part of Freeman Media, who also produce the quarry maps for the North Island and South Island.

I look forward to hearing from you, kind regards,

Bernie Napp
Editor – *Inside Resources*
Freeman Media

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w www.freemanmedia.co.nz

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MITO Update



1. MITO CoC unit standard review

The unit standard approval progress with NZQA has now been completed with all unit standards approved and listed.

2. MITO training activity for 2018

MITO learners 1 January to 12 February 2018.

Programme	Number of learners
B-grade surface	40
A-grade surface	27
B-grade tunnel	21
Safety Critical Explosives Knowledge	15
Safety Critical Surface Manager	10
Surface Extraction Level 2	9
Safety Critical Underground Manager	8
B-grade tunnel SCP	7
Incident Investigation	6
Safety Critical Legislation	2
A-grade tunnel Manager	1



3. NZQA activity data

Table 1 (below) shows NZQA qualification completion data 1 October to 31 December 2017.

Note that this information, and the information in Table 2, is only available at the end of each quarter.

Qual	Qual name	MITO	Tai Poutini	Total
1535	National Certificate in Extractive Industries (Mining Administration B Grade Tunnel Manager)	1		1
1536	National Certificate in Extractive Industries (Mining Administration Surface Extraction B)	57	49	106
1537	National Certificate in Extractive Industries (Mining Administration Surface Extraction A)	18	11	29
Total		76	60	136

Table 2 (below) shows the number of unit standards reported from 1 October to 31 December 2017 for unit standards that are outside of the National Certificates and needed for COCs.

Unit standard	ACT Safety	Mines Rescue	MITO	Tai Poutini Polytechnic	Total
26856				55	55
26855		4		5	9
16686	17		30	47	94

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MinEx Update

Our recent survey on Respirable Crystalline Silica (RCS) generated a lot of interest and we received a large cross section of responses from the sector. It was also timely given WorkSafe's prioritisation on Worker Health issues and community concerns around quarry dust. While a number of quarry operators are conducting health surveillance and monitoring for worker exposure to RCS, more needs to be done across the quarry sector to identify worker exposure, put adequate controls in place, and monitor the success of these controls. Copies of our Worker Health Guideline and RCS flyer can be found on the MinEx website at <http://minex.org.nz/regulations-and-guidelines/minex-codes-of-practice-and-gudielines/>

We have redesigned the data we collect quarterly to better align with fatal hazards, and incidents occurring as a result of these hazards. It is pleasing that almost 350 high potential incidents have been reported to us in the last two quarters of 2017. The following table summarises this data:

Falls	94 (27%)
Collisions	85 (25%)
Entrapment	17 (5%)
Pressure Release	53 (15%)
Other	98 (28%)

(Major: Breach of Procedure, Operational injuries, Near Hits).

We have also asked that sites share their near hits or high potential incidents with us so that we can share the learnings with industry. While a little slow initially, we are now receiving internal company alerts and incident investigation reports so that we are able to share learnings with the sector.

On behalf of the extractives sector, Minex have delivered a briefing on health and safety issues within our sector for the incoming government. We have also followed this up with face-to-face meetings with Hon Andrew Little, Hon Iain Lees-Galloway, Hon Amy Adams, and senior government advisors and officials. A copy of this document can be found on the MinEx website at <http://minex.org.nz/assets/Uploads/MineEx-Briefing-2017.pdf>



THE NATIONAL HEALTH & SAFETY COUNCIL FOR THE NEW ZEALAND MINING AND QUARRY SECTOR

Minister—Lees Galloway has advised that he wants the Mining Regulations review to be completed by December 2018, so we are currently finalising industry submissions on changes to the regulations. This will involve fit-for-purpose regulations applying to quarries, who were exempt from part of the 2013 Mining Regulations, on the basis that they would be included in subsequent reviews.

MinEx has been instrumental in setting up a new Extractives Industry Training Advisory Group to work with MITO to enable implementation of the Board of Examiners' agreed changes to CoCs, once they become available. The EITAG will also provide leadership on moving to a qualification based CoC system and establish the best model(s) for delivering training and assessment services in the mining and quarrying sector. To ensure a site-based delivery model can work alongside classroom-based training, we will require increased numbers of approved workplace trainers and assessors. This all represents considerable potential change and I want your feedback on where you would see plusses and minuses in having site-based training and assessment available as an alternative.

Wayne Scott
CEO MinEx

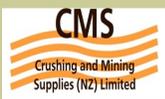
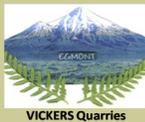
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AOTEAROA

Are you interested in being an oral exam panel member?

WorkSafe are always on the lookout for experienced people to sit on panels. This is a good way to give back to the industry and at the same time get CPD hours.

If you are interested please send your CV to BoE_Secretariat@worksafe.govt.nz.

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This is the New Zealand Mining Board of Examiners February meeting newsletter:

Certificate of competence results: Improved B-grade quarry manager pass rates Recent results have shown an increase in competent oral exam candidates. We are pleased that since September, 21 out of 26 (81%) B-grade quarry manager applicants were found competent.

Of the 76 B-grade quarry manager applicants who sat exams last year, 67% were found competent, compared with 40% of 2016 applicants. Last year, 81% of oral exam candidates seeking Certificates of Competence (CoCs) across the industry were found competent.

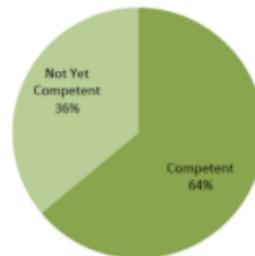
We believe industry initiatives such as oral exam mentoring, training programmes, and better employer preparation should help candidates prepare for exams and lead to continued improvements in oral exam results.

Applicants are reminded that oral exams assess an applicant's ability to respond to workplace situations by using good workplace practice. Check out our [High Level Framework for Oral Examination Requirements for Extractives' Certificates of Competence](#) for more information.

The following table and chart set out last year's exam results for all exams held between December 2015 and 12 December 2017

CoC Type	21 September – 12 December 2017			2017 Cumulative	Dec 2015 – Dec 2017
	Total	C	% C	% C	Cumulative % C
A-grade quarry manager	10	7	70%	72%	74%
B-grade quarry manager	26	21	81%	67%	52%
Other ¹	31	26	84%	71%	71%
Overall	67	54	81%	70%	64%

Competent vs Not Yet Competent since December 2015



Certificate of Competence results: resits All CoC applicants who have resat oral exams since September were deemed competent. Of all applicants who resat their exams since December 2015, 84% have been deemed competent. Evidence from the exam panels shows that more and more candidates are coming well prepared for their oral exam.

We encourage all candidates not yet competent to apply to resit their exam. An applicant has three opportunities to sit their CoC oral exam.

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Review of Certificate of Competence requirements

We have completed our review of feedback about CoC requirements received during the consultation period in July and August last year. A submissions [summary of the feedback received is available on our website.](#)

We have the responsibility for setting CoC requirements. The Board of Examiners has finalised proposed recommendations to our Board which is likely to make its decision in the first quarter of this year. A New Zealand Gazette notice setting out the new requirements will be published soon after. We will then release a report which responds to submissions and analyses them.

We will hold workshops with The Board of Examiners around New Zealand to inform industry of the new CoC requirements. These workshops will be communicated in this newsletter.

It is important to note that the review was about CoC requirements and feedback received about this was considered by The Board of Examiners.

There was also feedback on issues outside the review's scope but of industry importance. The majority focussed on:

- qualification pathway for extractives and its application to CoCs
- training and assessment
- CoCs' roles and responsibilities.

The Board of Examiners is using this additional feedback to inform its submission to the Ministry of Business, Innovation and Employment recommending changes to the Health and Safety at Work (Mining Operations and Quarry Operations) Regulations 2016.

Applications for Certificates of Competence

We want to encourage CoC applicants to apply via the new [online system](#). Online applications are processed more quickly and easily than hard copy applications. Currently, the majority of CoC applications received by the Secretariat are incomplete. It is important CoC applications are accompanied by verified copies of all required supporting documentation. If we do not receive this information, we will be unable to process the application.

Please use the [checklist which is on the application form](#) to make sure you have provided all required information.

CPD logbook system

CoC holders can enter historic CPD learning activities on the online CPD system until **19 February**, after which previous years' CPD logbooks will become read-only.

CoC holders will then only be able to enter learning activities to their current year's logbook.

Those CoC holders not wishing to use the online system can still use the hard copy CPD logbook. All CoC holders are responsible for meeting CPD requirements and keeping accurate records of CPD learning. CoC holders no longer have to submit their CPD logbooks to the Secretariat unless they are randomly selected for verification.

If you need help using the system or have questions about CPD, please contact the BoE Secretariat: BoE_Secretariat@worksafe.govt.nz or 04 901 4980.

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Holders of lifetime quarry managers' Certificate of Competence: Last year we published competency requirements for holders of lifetime quarry managers' CoCs. These are set out in a [New Zealand Gazette notice](#).

Holders need to comply with the same competency requirements applying to CoCs holders under the former regulations, as set out in the New Zealand Gazette notice. However, they do not need to demonstrate a specified level of work experience.

The Regulations requires a lifetime quarry manager CoC holder to comply with the prescribed:

- competency requirements and
- continuing education requirements.

Lifetime quarry manager CoC holders must also hold a current first aid certificate. The CoC will continue on that basis as long as the holder, on and after 1 January, has complied with the above. If you hold a lifetime quarry manager CoC, please contact the BoE Secretariat to ensure we have your up-to-date contact details on file.

Providing support to Certificate of Competence applicants: Employers and experienced CoC holders have an important role to play providing support and mentoring to CoC applicants to ensure they have good workplace operational experience and the skills and knowledge to sit oral exams. Panels assess whether the applicant can apply what they learn in their studies to the job. CoC holders hold statutory responsibilities so The Board of Examiners must be satisfied an applicant has both knowledge and experience to perform their duties to maintain health and safety in their area of responsibility.

The best way employers and mentors can help is by supporting applicants by providing them with the best possible operational experience and advice to ensure they are well prepared for oral exams.

Quarry Essentials Pocket Guide Electricity



Figure 19. Flexible cords with tags

Ensure electrical plant, cables and equipment are installed, maintained and tested to a satisfactory standard by a qualified electrician, with an annual safety certificate issued.

Provide warning poles and flags cautioning of overhead power lines.

Mobile and relocatable equipment at quarries must be assessed yearly against AS/NZS 3007 by a qualified mining electrical inspector.

For more information refer to Section 12.12 of *Health and Safety at Opencast Mines, Alluvial Mines and Quarries*.

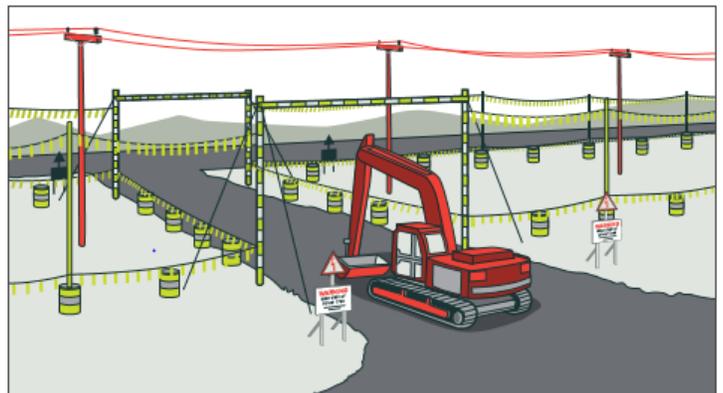


Figure 20. Safe working under overhead power lines.

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MIMICO Advertisement



We're Hiring!

Crushing & Screening Technicians (Auckland, Matamata, Christchurch)

Due to continued growth and a focus on product support, we are looking for experienced Service Technicians to join our crushing and screening divisions in Auckland, Matamata and Christchurch to service both mobile and fixed plant and equipment.

These roles will involve a mix of on-site servicing and workshop jobs. Additionally, these roles are responsible for the auditing and inspecting of quarry plant and equipment.

Excellent career opportunities are available for the right candidates. We offer a competitive package and the chance to join a great team within a national company. If you are self-motivated, take pride in your work and have a positive attitude you will fit right in with our rapidly growing family business.

VISIT mimico.co.nz/news/situations-vacant-crushing-and-screening-technicians



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Our website provides information on the following;

- IOQ Executive Committee,
- Branch Chairmen and Secretaries,
- Upcoming branch meetings
- Conference updates
- Awards nomination forms
- Membership forms,

Most forms are in pdf format and can be scanned and emailed to save you time.

www.ioqnz.co.nz

OVERDUE

Outstanding Membership Invoices

OVERDUE

We have a small number of 2018 IOQ NZ Membership Invoices which remain overdue for payment.

Should you require a copy of your invoice—please email your request through to the Secretary/Treasurer at ioq@xtra.co.nz

Welcome to New Members

Name	Category of Membership	Branch
Lara Murphy	Canterbury	Associate
Raymond Dennison	Otago/Southland	Member
Daryl Day	Northland	Associate
Daryl Johnston	Central Districts	Associate
Emmalee Giddens	Central Districts	Student
Wayne Dygas	Central Districts	Associate
Ross McLeod	Otago/Southland	Member
Robert Crighton	Waikato/BOP	Member
Paul Baker	Waikato/BOP	Member
Allan May	Waikato/BOP	Member
Josua Grobler	Canterbury	Associate
Dylan Ward	Waikato/BOP	Associate
James Hand	Auckland	Member
Dylan Ward	Waikato/BOP	Associate
UPGRADES		
Bruce Abbot	Waikato/BOP	Member
Kevin Whiteman	Central Districts	Member



The Executive would like to wish you and your families a very Happy Easter.

