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2017/18:**

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Vice President:

Mr Dean Torstonson

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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

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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: 51

Newsletter Date: December 2017

President’s Report

Hello and welcome to the summer edition of the IOQ NZ newsletter.

Well it’s been a rather hectic couple of months since the last newsletter with conferences, reviews and more reviews.

Margie and I attended the IQA conference early October in Toowoomba. This was a fantastic event that follows a very similar format to our own annual conference. The conference was well supported by the locals and we had the “pleasure” of being addressed by both the deputy PM Barnaby Joyce and Senator Pauline Hanson. Steve Davis and Malcolm Blakey did a fantastic job of running the show and added a bit of kiwi whenever possible.

One of the highlights of the conference was the field trip to the new Brisbane West International Airport. This airport was constructed from start to certified finish in just 19 months and 11 days by the local Wagner family. The runway is 2270m long and is ACAA certified to handle aircraft up to Boeing 747 size. The terminal is designed to process up to 1,000,000 passengers per year (upgradeable to 2,000,000 px/yr with minimal additional facilities).

All up, the Wagner family have spent \$AUD200,000,000 of their own money on this project so far.

Other points of note from the IQA conference are the retirement of John Mitas as President and the confirmation of Clayton Hill to this role. Clayton is very passionate about the IQA and has set some very worthy goals for the future.

Still on the conference theme, we also attended the IQ conference at the Belfry Hotel near Birmingham in the UK in mid October. This event marked the centenary of the formation of the Institute of Quarrying (19th October 1917). The week began with the International Presidents meeting which was attend by myself, Dr Miles Watkins (IQ President and chair), Clayton Hill (IQA President), Alfred Chan (IQ Hong Kong Branch President), Ir KF Lee (IQ Malaysia President) and NL Chen (IQ Malaysia Secretary). Unfortunately, Simon Tose (IQ Southern Africa) could not attend. This was a full-on day with a rather large meeting agenda. Without a doubt the most discussed item was the globalisation of the Institute and how best to serve our members, throughout their careers, throughout the world.

Also, high on the agenda was the confirmation of the International Presidents Fund.



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This should be up and running at some point over the next couple of months. The details and application form will be available through our website in due course.

Day two saw us all visiting the National Memorial Arboretum (NMA). Situated in Staffordshire on the edge of the National Forest, the Arboretum is the UK's year-round centre of Remembrance. The site features over 300 thought-provoking memorials, each with a story to tell and fascinating symbolism. This (mainly military) memorial arboretum is now home to the IOQ's award winning garden that was constructed to commemorate the centenary of the Institute of Quarrying at the Royal Horticultural Society Chatsworth Garden Show. The garden has been relocated from Chatsworth to the NMA in order to provide permanent public access.

Other events of note over the last couple of months include the Board of Examiners review of the current Certificate of Competence requirements and the MITO review of the Unit Standards that make up the various national certificates relative to our industry. The results of these two reviews should become available over the next couple of weeks.

Also simmering in the background is the formation of the MITO "Industry Council". The council is charged with overseeing the appointment of the MITO Board, overseeing the governance of MITO and ensuring that the organisation stays in touch and relevant to the trainees and industries that it supports. Brian Bouzaid has accepted the task of being the IOQ NZ representative on the Industry Council.

Many of you will be aware of the recent success with the establishment of the Marlborough/Tasman branch on 10th November. I am told that this is the first new branch to be formed since 1986-87. Congratulations to all those involved especially Gavin Parker, Mike Higgins, John Crawley and Neill Kydd.

Congratulations must also go to Matt Webster for his efforts in the Central Districts branch in organising and promoting the recent initiatives on mental health. This is a much overlooked area of men's health and we need to "man-up".

The next IOQ NZ Executive meeting will be on the 27th February 2018. Please email Petrina or myself with any ideas, suggestions or gripes that you may have. It would help if we could have these by 13th February Peter.morgan@hwr.co.nz

Next year marks the 50th anniversary of the IOQ NZ at the 2018 QuarryNZ Conference at Hamilton. This will be a golden opportunity to showcase your companies support for the extractive industry by supporting the awards.

At the risk of sounding a bit repetitive, ... *"I know it may seem a bit early but given the lack of enthusiasm around the IOQ NZ Awards, perhaps it is already time to start thinking about an entry for next year's awards. I know that at least two award sponsors were very disappointed at the low number of entries for 2017 and could be questioning their on-going support of your industry should this happen again next year."*

Get cracking! It is never too early to submit an award nomination.

Have a happy and healthy Christmas break. Catch up with friends and family. Recharge and regroup and we'll be in touch next year.

Peter Morgan—IOQ NZ President



FIRST AID CERTIFICATE



A reminder to all Certificate of Competency holders to check your first aid certificate expiry date.

It is a requirement to maintain a current First Aid Certificate.

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New IOQ NZ Marlborough / Tasman Branch



Marlborough / Tasman Branch Committee 2017
Kyle Paddon, Neil McKay, Andy Allen, Neill Kydd (Chairman), Trevor Newport
(Secretary), Troy Adamson

Congratulations are in order. Support for a new Institute of Quarrying New Zealand branch to cater for members in the northern area of the South Island has been steadily growing since July 2016.

IOQNZ Canterbury Branch chairman Gavin Parker agreed with TransDiesel's Brian Docherty that "if Blenheim-based Neill Kydd could be chairman of the very successful national QuarryNZ conference, it seems a perfect progression to establish a branch in the region as well."

Fulton Hogan's premises (located near the Nelson Airport) were the venue for the meeting on Friday 10 November 2017. It was attended by 26 comprising local quarry / contracting folk and organised by Gavin Parker, John Crawley, and Mike Higgins (IOQ NZ Canterbury), TransDiesel's staff (Brian Docherty and Trevor Newport) as well as IOQ NZ board member Neill Kydd. Other attendees included Wayne Scott (Minex CEO) and Murray Discombe (IOQ NZ Web Manager). Chris Marshall (one of 4 members selected for the IOQ NZ 2017 Youth Programme) was also present.

A comprehensive presentation about the IOQ and what it offers was made by Gavin, Mike, Wayne and Murray, with opportunities to ask questions throughout, and formed a platform to launch the new branch.

The following agreed to form the committee of the IOQ NZ **Marlborough / Tasman Branch** :

- Chairman Neill Kydd
- Secretary / Treasurer Trevor Newport
- Committee Kyle Paddon, Neil McKay, Andy Allen, Troy Adamson.

Congratulations on a great outcome. Special thanks to sponsors BNZ, TransDiesel and Fulton Hogan for your support and sponsorship.



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Auckland Branch Report



The October branch meeting on 24th to Auckland's Bledisloe Emergency Coordination Centre – AECC - (formerly known as Civil Defence Headquarters) at Council's Bledisloe Building quickly revealed that in getting prepared for disasters there are a whole host of considerations which that team gets involved with. The basics are still based on identifying risks and hazards so early advice can be provided to communities coordinating and directing resources in emergencies. The AECC operates 24/7 and has 31 staff in Auckland.



Dion Anderson & Ben Hankinson, Bledisloe Emergency Coordination Centre

When most of us think of emergency preparedness we think about fire, ambulance or police. Hazards and risks are for AECC include coastal inundation including king tides, flooding, super storms / tornado, pandemics (eg spread of disease by travellers), severe wind (especially from the east), volcanic activity, earthquake. In 2017 it now includes arms, bomb attacks and terrorists!

They monitor locations of any earthquakes that occur in the "ring of fire" (ie Pacific basin) which have the potential to generate a tsunami; monitoring of NZ earthquake intensity so that local warnings can be issued and emergency teams dispatched as required.

In Auckland they monitor the 50 volcanoes for any signs of activity. Evacuating Auckland residents with just 6 hours notice will provide a mammoth challenge due to potential impact on infrastructure – roads, ferries, phone and power. Monitoring of weather forms a large part of their work to ensure that tracking of severe weather events is timely to

ensure populations in the affected areas have time to prepare. [During the Edgcombe flood event they deployed their mobile emergency truck which was able to provide direction, control and inter-agency support during the relief efforts].

Dion Anderson and Ben Hankinson (left) were so passionate about their job it really helped the evening whizz by. A pity that only 7 turned up for what we all agreed was one of the most informative and enjoyable presentations the Auckland Branch has had for many years.

Annual Charity Christmas Awards Dinner
It's always uplifting to celebrate success. The Auckland Branch honoured several members at its recent Annual Charity Christmas Awards Dinner held 1 December at the Grand Millennium Hotel in Auckland City. Porters were the key sponsors for the evening. A further 31 companies also helped make the evening a success and we take this opportunity to thank you all.



*Winners of Go-Kart Challenge
John Tomlinson, Callum Slavin, Ben Hussey and Jono Laycock*

Early in the evening Winstone Hunua Quarry speedsters - John Tomlinson, Callum Salvin, Ben Hussey and Jono Laycock - picked up the trophies for the go-kart Challenge held on 27th September where 10 teams of four raced e-karts to secure top spot. Other teams - Winstones Flat Top Quarry were placed 2nd and Goughs team 3rd.

The *Mimico Mentor Award* went to Stevenson's **Shane Toto** who has been a strong advocate for quarrying operations health and safety and the go-to person for advice and guidance for many of the staff for some 25 or more years. Thanks to Mimico for your continued support of the Auckland Branch.



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Auckland Branch Report Cont.....

This year we had 7 entries for the *Trimble Employee of the Year Award*. **Rosie Croucher** from Stevensons Drury Quarry secured the award - Rosie demonstrated a very high standard of health and safety along with her dedication and commitment. She is an outstanding loader and plant operator in the quarry, loading the plant she looks after, along with loading trucks. She has a keen eye for quality in materials produced identifying any contamination issues quickly, not afraid of getting in there to help with maintenance and cleaning of plant when things break down including early starts when required.



Stevenson's Drury Quarry Shane Toto, winner Mimico Mentor of the Year Award with Rosie Croucher, Trimble Employee of the Year Award

Trimble also awarded a runners up prize to **Jonathan (Jono) Laycock** of Winstones (Hunua) Quarry for his role as Quality Assurance Technician. He has also been proactive in building his geological knowledge to ensure a smooth transition to the new Symonds Hill pit and optimisation of the resource. Jono has will soon become a fully-fledged A Grade ticket holder. Thanks to Bruce Warner and the Trimble / Loadrite team for your continued support.

The Grand Millenium provided a wicked range of delectable foods for both dinner and dessert [smorgasbord style]. We are confident that no one went home hungry.

Rosie Croucher also secured the \$500 lucky door prize donated by Crushing & Screening Supplies (Jon McAlister). The Viking Conveyor loyalty prize (toolbox and tools) - for attendance at the local branch meetings - went to Callum Slavin (Winstone Aggregates Hunua Quarry).



Each year we acknowledge "outstanding support of the Auckland Branch over the years". The 2017 recipient of the *Viking Conveyor/Paykel Shield* is **John Quayle** who has is passionate about quarry machinery having worked with Komatsu, Volvo, and Mimico. John has been part of the Auckland branch for over 25 years, Auckland Branch Chairman for the past three years, Quarry NZ Conference (Auckland) Chairman 2017, and more recently joined the IOQNZ Executive Board. Well done, well deserved.

*John Quayle
winner of Viking Conveyor / Paykel Shield*

At the end of the evening various raffle prizes were drawn (thanks again to all who contributed) with the last ticket being drawn by Cameron Russel, a young new recruit to the Winstone's Hunua Quarry team. His prize (courtesy of Kennards Hire) enables him to attend any game he chooses at Kennards Hire Eden Park corporate box.

Cameron chose the Starship Hospital to be the recipient of the 2017 Charity prize - a cheque from the IOQ NZ Auckland Branch for not less than \$1200.

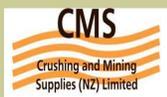
Sincere thanks to all 98 who purchased tickets for the evening, and again to our sponsors for a great evening.

We look forward to seeing you at another Auckland Branch meeting in 2018, one of those being a field trip to Fulton Hogan's Whitford and McNicoll Road Quarries at the end of February.

As 2017 draws to a close please drive safely and enjoy the festive season with your families.

Murray Discombe—Auckland Branch Chairman

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Central Districts Branch Report



It is that time of year again where we take stock of the year that was and focus on the next leg of the journey. 2017 has been a huge year for the Central regions with big volumes shifted all over the district. I hope you all will have time to take stock and catch your breath over the Christmas period before 2018 kicks into gear.

A big thanks to all those that attended our AGM in Palmerston North, this event was a big success. It was great to see a good number of attendees and kudos to the 14 who travelled at least two hours to be there. I would also like to acknowledge Mike Chilton (acting secretary), Brian Bouzaid (Wellington Chair) and the whole team at TransDiesel, these guys grafted away behind the scenes to create a memorable event.

The topic for discussion at our presentation among other things was mental health awareness. Knowing how stressful our industry can be, especially for quarry managers and owners whose job it is to be the rock within the team, our goal was to start a dialogue with members regarding burn out, depression and suicide. Nigel Dixon's presentation regarding burnout was extremely well thought out and very well received, I don't think there was a person in the room that didn't have at least one light bulb moment.



It will be our hope to carry this theme over into the new year, so we can keep the dialogue going and have a positive impact for our members.

I would like to welcome Brad Cobham (Holcim Hastings) as central regions treasurer. Brad was voted in at the AGM, his inclusion in the committee will further streamline things so we can continue to grow within the region.

Hope you all have a good break over the Christmas period, remember what Nigel said about understanding your inner self to know what refreshes you! I'll see you in 2018.

Matt Webster
Branch Chairman



Merry Christmas

Advanced Engineering Group would like to take this opportunity to thank you for entrusting your business with us through 2017.

We will be closing our doors on Thursday Midday 21/12/17 and Re-opening for normal business on Wednesday 10/1/18

We hope you and your family have an excellent break over the Christmas and New Year period.

We look forward to assisting you further in 2018.

MERRY CHRISTMAS
From all of us at
Advanced Engineering Group



www.advanced-engineering-group.com

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Waikato/BOP Branch Report



As we are all at our busiest with the current aggregates season underway and the year is disappearing quickly hopefully we will see an end to the madness and slow down for a break at the end of December. On behalf of the IOQ NZ Waikato/Bay Branch and committee, I would like to wish you and your family a Merry Xmas and a safe New Year.

We had our last technical evening/branch meeting for the year at the new Porter group facility on the 26th September in Hamilton. Again, we had another impressive attendance for this event with numbers exceeding any expectation around 120 people including Porter Group staff/visitors/invited guests and local and other branch IOQ NZ members of which almost 70 signed in for the CPD points. Its fantastic to see such a strong, well-attended branch.

The guest speakers were Darren Ralph (Porter Group) who welcomed everyone to the new facility and covered a very informative overview of the business and facility. Porter Group also sponsored the night including some rather impressive raffles. And after the formalities gave every one a tour of the new facility with several Golf carts.

Our second presentation was by Dougal Francis from FH HEB who talked through a presentation on the Waikato Expressway Huntly Project, progress, challenges and statistics. This proved to be a very interesting and informative presentation covering many challenges they have had to overcome and some interesting techniques, resources and procedures to address the many challenges involved.

We had our Waikato/Bay IOQ Christmas function at the Trinity Wharf Tauranga on the 18th November 2017 - a great venue as well as a good time had by all. Along with a fantastic meal, music and drinks late into the evening. Even a bit of Karaoke thrown in. This is our opportunity to recognise some local branch achievers with the two awards presented.

The **Stu Marsden Award** which is presented to a up and coming Quarryman who is seen to be achieving in the industry and showing ability to become a future leader in our Industry. The winner of this award is **Grayden Haine** from Graymont.

The **Pat Wallbank Memorial award** which recognises commitment and dedication to a branch over a number of years was won this year by **Allan McDonald** from Fulton Hogan. Congratulations to both of them, well done.

On behalf of the Waikato/BOP, we would like to thank our sponsors throughout the year for their support of our many events throughout the year many which would be unachievable without their continued and generous support. Next Branch meeting will be 13th February 2018 Gough Cat Hamilton.

Ray Haley—Waikato/BOP Branch Chairman



Grayden Haine [right] receives the Stu Marsden award.



Allan McDonald [left] receives the Pat Wallbank Memorial Award

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Otago/Southland Report



On Saturday 28 October the Otago Southland branch members gathered at Nightcaps on a sun drenched Southland day around 24 degrees where they were hosted by Bathurst Resources for a tour of the Takitimu coal mine operation 60 km northwest of Invercargill.

The group was met by Paul Matheson mining manager and his team to run through a sign in and safety induction and some interesting facts on the development of the mine and the future operations.

Takitimu is a sub bituminous coal that is high grade low sulphur coal they are currently mining around 220,000 tons of coal per annum requiring around 2 000 000 tons of overburden to be shifted. This has been a challenging site due to some geotechnical issues with land stability. Bathurst Resources have overcome using a method of buttresses to stabilise the slip areas to allow for mining. This has required a significant earth moving programme and the rehabilitation that has followed mining has been turned into productive farm land that shows mining can leave a long-term benefit to the community.



The group were taken around the site to see close up how the mine is operated. The operation was very tidy and well designed with well-constructed haul roads, separate light vehicle access roads and many safety and environmental controls showing how a well run operation should look.



After everyone left the pit the team at Bathurst went back into production with a PC2000 excavator feeding some 100 ton haul trucks.

Before leaving Nightcaps we got invited to an early viewing of the new information centre that was to be opened by SDC Mayor Gary Tong that afternoon. This area is at the entrance to the mine and shows the importance and history of coal mining to the area. Bathurst have shown there support and commitment to this project.

One more stop to meet Chris Adams the farmer who develops and grazes the farm land left behind once rehabilitation is complete and the mine moves on.

Next stop was Mossburn railway hotel for a very nice lunch kindly sponsored by Gough Cat. The rail line is long gone but the hotel is still going strong.



After Lunch it was time to head west toward Te Anau for what was a very interesting and surprising afternoon. The Fiordland Military Vehicle Museum put together and run by

Duncan and Tina McGregor this is no small operation, there are all sorts of WW2 Military vehicles including bulldozers, draglines, scrapers, graders, tanks, trucks, jeeps and service vehicles all restored and ready for action. The setting out is displayed with action movies in the back ground to give a real sense of the battles these machines played a part in. I am sure there will be some CPD claimed from the knowledge gained from the mechanical advancements of road construction equipment that was developed during WW2.

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Otago/Southland Branch Report cont...

I learnt the meaning of 'The Whole Nine Yards' I am told it is the measure 27 feet of .50 calibre machine gun belt used on spitfire. To use it all is to give it the Whole nine yards! The other many items included a shell for a nuclear war head (empty some bits may be lost in north Korea), and an air raid siren tested as operational by the Road Metals representatives. Everyone was well fed by Tina with fresh scones, tea and coffee. One last photo pose for the group before heading home in the many directions we had all come from.



Everyone who attended this year's field trip needs to think about what they learnt about mine management, earthmoving, safety systems, technology and the CPD opportunities that they have to record and claim.

Once again thankyou to all that took time and proved the resources to make this event such a success.

Transport from Invercargill provided by TransDiesel.
Transport from Dunedin provided by Oil Intel.
Transport central Otago by Fulton Hogan Central.
Lunch Gough Cat.
Bathurst Resources.
Fiordland Military Vehicle Museum.
Linton Contracting.
Fern Hill Lime.
Southern Aggregates.

Phil Boulton
Branch Chairman



Northland Branch Report

By Murray Smith



The Northland branch of IOQ NZ has had a busy year with work and dealing with new rules and regulations.

Our local awards night was another great success, with Luke Bird as our MC who ran the night in true Northland manner - make it up as you go along. Our guest speaker sponsored by Oil Intel was comedian Simon McKinney who made it a very entertaining night.

Our last branch technical evening was sponsored by CablePrice and Gas & Tyre and held at Cables yard with Rewi Wynyard from Cables talking about his experiences of assembling large Hitachi Excavators in Mongolia for the gold mining - very interesting. Scott Cann from Cables talked about how to manage your engines through changing emission regulations and changes still coming, with a Gas & Tyre barbeque to finish the night.

Local golf day was held BUT the weather wasn't great. So just a barbeque lunch and down to Kamo Club for games of pool.

Snapper are running at moment got to go!

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Canterbury Branch Report



It's been an active quarter for the Canterbury membership. Everyone's been really busy meeting the aggregate demands of the Canterbury rebuild, the immense amount of work being undertaken in Kaikoura and the wider North Canterbury region, plus the ongoing infrastructure developments of the Christchurch Northern Corridor plus the Southern Motorway extensions. Very recently we've seen the full four lane opening of the Belfast bypass, an outstanding improvement to north/south traffic flows, and anyone that does this commute on a regular basis will comment very favourably on it. Rangiora/Christchurch commuters are reporting 15/20 minutes savings each direction-more time for sleep/family/recreation whatever, and the quarrying and aggregate sector have been an integral part of delivering this solution. Our members should be proud to point this out whenever social discussions through the Christmas break turns to any perceived negativity about the value of the industry!!

18th October we conducted our AGM, kindly sponsored by TransDiesel, and this also incorporated some CPD hours via a great presentation from a First Aid Expert, good value for all who attended.

Another highlight of the quarter was our very successful trip to Nelson, facilitating a meeting of interested parties in the industry around establishing a northern South Island chapter. Gavin Parker, Mike Higgins, Brian Docherty and John Crawley made the journey, and we also had great support from Wayne Scott and Murray Discombe. Please also refer to Murray's detailed summary of the event on the IOQ NZ website <https://ioqnz.co.nz/2017/11/marlborough-tasman-ioqnz-latest-branch/> and in this newsletter (page 3).



Our last hurrah for calendar 2018 was the Christmas breakup, generously hosted and sponsored by Mimico Christchurch on 30th November. Around 25 members and guests attended and enjoyed pizzas and refreshments, along with gaining valuable CPD hours through an informative presentation from Chris Gray, GM Mimico. 3 or 4 new attendees expressed interest in joining, and we look forward to continuing our membership growth, including some more liaison with our West Coast friends in aggregate and mining.



We have some good plans underway for next years events, and our local executive will meet up January/February to consolidate these through to national for inclusion in upcoming events diary/planner.

Gavin Parker & John Crawley
Branch Chairman & Acting Secretary



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MinEx Update

Unfortunately, the quarry sector had another fatality during October, when a truck driver was crushed by his tipper body, which fell onto the cab of his truck while tipping his load. This incident highlights the need for the industry to learn from “near hits” or events that occur where no-one is injured, but where someone could have been injured or killed. Truck bodies tip over regularly without hurting people and we need to collect this data and share the learnings with industry so that we learn before we have further serious incidents like this one.

MinEx has redesigned the data we collect quarterly to better align with fatal hazards. I have also asked that sites share their near hits or high potential incidents with us so that we can share the learnings with industry. I have been heartened by the response thus far and we are now able to include NZ examples in our weekly safety alerts.

Our mentoring programme currently has 21 mentors across the country. We have seen good results from the mentoring conducted with the B Grade pass rate for Aug-Sept hitting 78%, almost double the average pass rate to this point. If you want to offer your services as a mentor, or would like some help in preparing for your oral exam, please contact me on 021 944 336 or email wayne@minex.org.nz.

On behalf of the extractives sector, MinEx have delivered a briefing on health and safety issues within our sector for the incoming government. A copy of this document can be found on the MinEx website at <http://minex.org.nz/assets/Uploads/MineEx-Briefing-2017.pdf>

Health will receive added attention from WorkSafe following the release of their 10-year Strategic Plan for Work Related Health, in October. MinEx have published a Worker Health guidance document to assist the industry, and will be supporting this with a number of flyers on individual topics to help sites. A copy of this document can be found on the MinEx website at <http://minex.org.nz/regulations-and-guidelines/minex-codes-of-practice-and-guidelines/>.



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

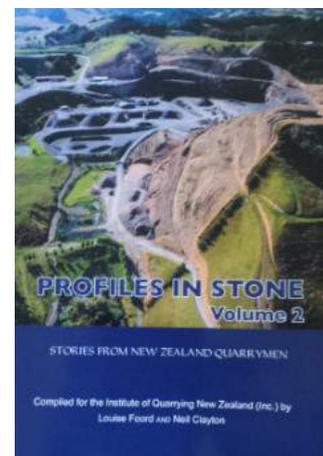
I have also developed a 60 to 90 minute training session on Worker Health that I am happy to run at any branch meeting, or other industry event. I recently ran this for a group of alluvial gold miners, offering 2 hours CPD.

Finally, I would like to acknowledge the great support I have been receiving, not least from my fellow IOQNZ members, and wish you all a happy Christmas and prosperous 2018. Let's continue to work together to keep ourselves and our workers safe.

Wayne Scott
CEO MinEx



Profiles in Stone Volume 2



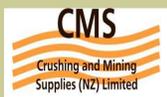
*Have you received your complimentary copy of
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*Copies will be distributed at branch meetings
and is available to all IOQ NZ members*

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MITO Update



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1. MITO CoC unit standard review

MITO's unit standard review has been completed and the unit standards submitted to NZQA for approval. Feedback has been sent to submitters showing actions taken to specific unit standard content provided in their submissions along with feedback for areas that were out of scope for this review.

2. MITO training activity for 2017

MITO enrolments 1 January to 27 November 2017.

Programme	Number of learners
B-grade surface	144
A-grade surface	41
Incident Investigation	32
B-grade tunnel	22
Surface Extraction Level 2	17
Safety Critical Surface Manager	16
Safety Critical Explosives Knowledge	13
B-grade tunnel SCP	9
Risk Management	7
Safety Critical Underground Manager	4
Safety Critical Legislation	4

3. NZQA activity data

Table 1 shows NZQA qualification completion data 1 January to 30 September 2017. Note that this information is only available at the end of each quarter.

Qual code	Qual name	Strand name	MITO	Tai Poutini Polytechnic	ACT Safety Limited	ITNZ*	Total
2931	New Zealand Certificate in Mining and Quarrying (Level 2)		3				3
247	National Certificate in Extractive Industries (Introductory Skills)	Surface		15			15
1535	National Certificate in Extractive Industries (Mining Administration B Grade Tunnel Manager)		3				3
1536	National Certificate in Extractive Industries (Mining Administration Surface Extraction B Grade)		36	49	1	3	89
1537	National Certificate in Extractive Industries (Mining Administration Surface Extraction A Grade)		6	9			15
1538	National Certificate in Extractive Industries (Mining Administration)	Coal Mine Underviewer	1				1
		A Grade Tunnel Manager	1				1
Total			47	73	1	3	124

4. MITO Scholarships 2018

MITO's 2018 scholarship programme is now open for applications, until Friday 15 December 2017. Please visit the MITO website for categories and to apply online: <https://mito.org.nz/news/2018-mito-scholarships-applications-now-open/>.

5. eLearning CPD refresher course

We have completed development of an eLearning CPD refresher course that will enable people to refresh their legislation knowledge and help them with knowledge in applying regulatory requirements to manage an extractive site. The course meets the criteria set in the CPD guidelines for Formal Training Courses and we anticipate it will provide five hours towards the CPD requirement for legislation. The course has been developed from the eLearning course for unit standard 7142 *Demonstrate knowledge of the application of regulatory requirements to manage an extractive site*. A small group are currently trialling the refresher course. Anyone interested in being involved in the trial and providing feedback can email Lee Graham at lee.graham@mito.org.nz.

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MATAMATA INDUSTRIAL MACHINERY IMPORTS LTD

Lokotrack Legends

Blackhead Quarries Ltd in Otago is the largest user of Metso Lokotrack equipment in New Zealand, with a fleet of ten machines. Their LT7150 tracked VSI (Barmac) is the first one sold in New Zealand.

Pictured in operation at Blackhead's Balclutha quarry are a Lokotrack LT106 mobile jaw crusher, a Lokotrack LT200HP mobile cone crusher, a Lokotrack LT7150 mobile VSI crusher and two Lokotrack ST3.5 mobile screens. This Lokotrack train is producing sealing chip and PAP.

MIMICO is the New Zealand distributor of a number of world class brands, including Metso's Lokotrack range of mobile crushers and screens. Each Metso Lokotrack is built to last for decades. A high level of engineering together with persistent quality testing ensures that each Lokotrack runs 24 hours a day, 365 days a year.

The premium-quality Metso components together with CAT diesel engines guarantee each Lokotrack runs smoothly, efficiently and safely. By choosing the original Metso Lokotrack, you guarantee that your operation - and profit - will stay up and running. Uninterrupted.



2018 Webinars



This is a draft programme and maybe subject to change:

29 January
Quarry plant Equipment and Processes

9 February
Conveyors

12 February
Worker Health

16 February
Slope Stability

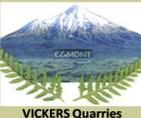
19 February
Social Licence to Operate

23 February
Emergency Plan

26 February
Drill and Blast



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New Zealand Mining Board of Examiners Newsletter - November

This is the New Zealand Mining Board of Examiners November meeting newsletter.

Departing board members

The Board Chair acknowledges the contribution that the six departing Board members have made to the Board and to the extractives industry in general: Stephen Bell, Michelle Crompton, Steve Ellis, Craig Smith, John St George and Ray Urquhart.

Review of Certificate of Competence (COC) requirements

The Board has completed its review of feedback about the CoC requirements. It is close to finalising recommendations to the WorkSafe Board, which has responsibility for setting CoC requirements. It is expected the WorkSafe Board will make its decision in the first quarter of 2018 and a New Zealand Gazette notice setting out the new requirements will be published soon after. We will be able to give you more detailed information on timing in January.

We plan to hold meetings throughout New Zealand to inform industry about the new requirements.

CoCs and national qualifications: What are they?

Much of the CoC requirements consultation feedback focused on workforce development and a national qualifications framework which would support people's career path and professional development.

We are pleased to see so much thought has been given by industry as to how to develop its people.

We support and encourage such initiatives by industry. However, it is important to understand the Mining Board of Examiners is not responsible for national qualifications or career and workforce development. For example, lack of uptake to study for formal qualifications is an issue for industry to address. It is important that everyone is clear about who is responsible for what.

Certificates of Competence (CoCs)

The focus of CoCs is on health and safety and statutory requirements. A CoC is not a qualification or a formal pathway to develop staff.

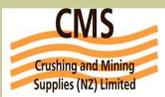
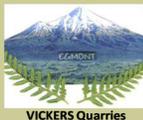
A CoC shows that the holder of a safety critical role has the relevant knowledge, experience, skill and character to carry out the tasks associated with this important statutory position.

We have a very clear statutory role and members are specifically appointed on the basis of their knowledge and experience in the extractives' industry:

- to advise us on competency requirements
- to examine applicants or have applicants examined for CoCs
- to issue, renew, cancel and suspend CoCs
- carry out any other functions relating to training and competency which are conferred on the Board by regulations.

We set CoC requirements based on the safety critical roles' regulatory requirements.

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Qualifications

The national qualification system is administered by the New Zealand Qualifications Authority (NZQA). MITO, as the extractives industry's ITO (Industries Training Organisation), is responsible for working with industry to define skill standards and develop qualifications required by industry.

We work closely with MITO and would like industry to develop a workforce focused not only on current issues but also on future needs. This would mean that, rather than being driven by minimum requirements which mirror CoC requirements, the focus as many of the submissions mentioned would be on career progression and the overall skills required at different levels. The unit standards required for a CoC can also count towards a formal qualification. Achieving unit standards to complete a qualification is recognised as formal learning in CPD.

Review of the mining and quarrying regulations

Much of the feedback submitted to us as part of the CoC requirements' consultation highlighted issues which would be best addressed through a review of the Health and Safety at Work (Mining Operations and Quarrying Operations) Regulations 2016 (the Regulations). We will incorporate this feedback when preparing its Regulations review submission to the Ministry of Business, Innovation and Employment early next year.

New CPD logbook system

On 31 October, we launched a new online continuing professional development (CPD) logbook system. All current certificate of competence (CoC) holders should have received an email providing them with access to the new system. If you have not received this please contact BoE_Secretariat@worksafe.govt.nz.

It gives CoC holders secure access to their own online log book, making it easier to monitor progress towards meeting CPD requirements. Further system information and instructions are available on our website.

The logbook is structured so there is a separate record for each year. CoC holders will be able to enter historic CPD learning activities into the online system until **19 February 2018**, after which the CPD logbooks for previous years will become read-only. The CoC holder will then only be able to enter learning activities to their current year's logbook. Those CoC holders who do not wish to use the online system can still use the existing hard copy CPD log book. All CoC holders are responsible for meeting CPD requirements and keeping an accurate record of CPD learning activities. They will no longer need to submit their CPD log books 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 Secretariat: BoE_Secretariat@worksafe.govt.nz or 04 901 4980

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](#).

It is important CoC applications are accompanied by verified copies of all required supporting documentation. If we do not receive this, we will be unable to process applications. Use the application form checklist to make sure you have provided all required information.

Applicants contacted and asked to provide additional information must provide it to the Secretariat within 10 working days, otherwise the application will be returned and they will need to reapply.

Please note that all oral exam spaces for November and December have now been filled. We will be scheduling new exam dates in 2018 and will contact applicants in the new year to confirm oral exams.

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Applying to resit a certificate of competence oral exam

We want to remind oral exam candidates who are not yet competent that they are able to apply to resit their oral exam. The pass rates for resits are higher than for first attempts at exams - 76% of candidates who resit their exams are deemed competent. An applicant has three opportunities to sit their CoC oral exam.

Additional members needed for examiners panels

We currently have a strong pool of highly experienced industry professionals who sit on panels for oral exams. These panel members have worked hard since December 2015 to assess the competence of CoC applicants and we want to acknowledge their contribution to the industry.

We are always looking for more panel members to ensure that we have a pool of expertise from across the extractives industry to hold oral exams around the country and ease the workload for current panel members.

Feedback received in the CoC requirements' review submissions highlighted the need for more career development opportunities in the extractives industry. Being a panel member gives experienced extractives professionals the chance to give back to the industry, learn more about health and safety issues and develop new skills. Sitting on an oral examination panel also counts as formal CPD.

If you are interested in being an oral exam panel member, please contact the [Secretariat](#). Further information about examiners panels is available on the [our website](#).

Holders of lifetime quarry managers' Certificate of Competence

On 6 April we published competency requirements for holders of lifetime quarry managers' CoCs. These are set out in a [New Zealand Gazette notice](#). Holders will need to comply with the same competency requirements applying to holders of CoCs issued 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 holder of a lifetime quarry manager's CoC to comply with the prescribed:

- competency requirements and
- continuing education requirements.

The CoC will continue in force on that basis, as long as the holder, on and after 1 January 2018, has complied with these requirements

Thank you for your support in 2017

The Board has held its last meeting for 2017. We would like to thank extractives industry members for their input. It is pleasing to see that more people across the industry are taking ownership of addressing health and safety issues and preparing for the future. The recent increase in the pass rate of B-grade quarry manager CoC oral exam applicants is one of the specific highlights for the Board for the year.

If you have any questions in relation to any of these topics please contact the Board Secretariat: BoE_Secretariat@worksafe.govt.nz or phone 04 901 4980.

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Quarry Essentials Pocket Guide



Tips and Stockpiles

Only undertake end-tipping where:

- > A geotechnical assessment of every tip with a minimum factor of safety of 1.2 has been undertaken.
- > Tips and tip heads (including windrows) are formally designed, formed from consolidated layers, and terraced or stepped back to minimise fall risks.
- > The edge and windrows are systematically maintained while end-tipping.
- > The windrow is used as a visual guide only. The windrow should not be used to help stop the truck but only as a visual guide to judge where to stop (refer figure 18).
- > There is adequate supervision of dumping operations to make sure unsafe conditions are being corrected and safe practices are being followed.
- > There are specified intervals for reviewing the end-tipping, and auditing of the processes.

Ensure unusual material (eg weaker or wetter) is treated differently than standard overburden. Unusual material should always be paddock dumped in an area where it will not compromise tip stability.

End-tipping into water is not to be undertaken, in any circumstance.

If working during darkness ensure adequate fixed lighting towers are installed.

For more information refer to Section 8 of the *Health and Safety at Opencast Mines, Alluvial and Quarries*.

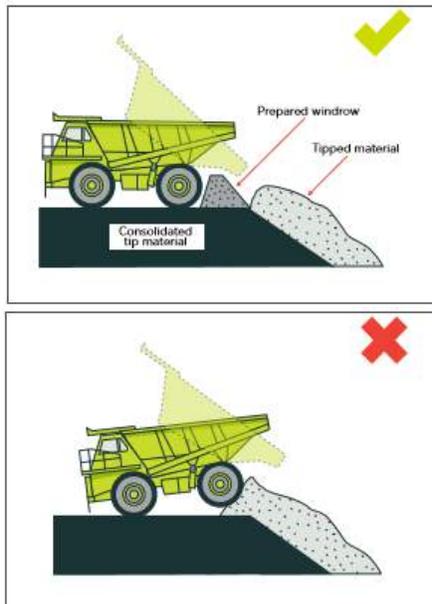


Figure 18: Approaching tip point: windrow

Have you used your Discount Card yet? If not, you're missing out!

How does your IOQNZ Membership Discount Card work?

Simply show the supplier account number on the card to the cashier OR enter the promo code listed on the card when ordering online.

Savings vary per product or service. Below are great comments from two discount card holders.



"Our van needed new tyres and we'd noticed Beaurepaires on our discount card. We bought Dunlop tyres and are really happy with the discount we received - plus the service was great."

Bob, Discount Card Holder

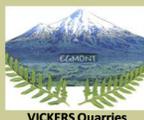
"A big thank you to Hertz NZ. We had car troubles, hired a car through them and got to our son's wedding on time. Hertz were great and thanks CSC for your card!"

Judith, Discount Card Holder

YOUR DISCOUNT CARD IS POWERED BY:
You can find out more at www.csc.org.nz



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Welcome to New Members

Name	Category of Membership	Branch
Shaun McCracken	Canterbury	Member
Craig Sutherland	Canterbury	Member
Matthew Richardson	Canterbury	Associate
Wayne Williamson	Waikato/BOP	Member
Andrew Tunnicliffe	Waikato/BOP	Associate
Joseph Burns	Waikato/BOP	Associate
Stephen McPherson	Waikato/BOP	Associate
Justin McInnes	Waikato/BOP	Member
Spencer Masters	Northland	Member
Brian Withers	Waikato/BOP	Associate
Callum Slavin	Auckland	Member
Benjamin Hawkins	Auckland	Member
Lee Kairau	Northland	Member
Graeme Bagrie	Central Districts	Member
Bevan Maclachlan	Waikato/BOP	Associate
Travis Allison	Otago/Southland	Associate
Darryl Wilkens	Marlborough/Tasman	Member
Jade Brooks	Marlborough/Tasman	Associate
Justin Balck	Marlborough/Tasman	Associate
Merv Solly	Marlborough/Tasman	Associate
Shane Bruce	Waikato/BOP	Member
Justin Balck	Central Districts	Fellow
Donna Flintoff	Waikato/BOP	Associate
Tony Dowd	Central Districts	Fellow
Dennis Clark	Central Districts	Associate
Adam Cosgriff	Otago/Southland	Member



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

Welcome to New Members cont...

Name	Category of Membership	Branch
Mark Hopwood	Otago/Southland	Associate
Kurt Smith	Central Districts	Member
Phillip Rich	Canterbury	Associate
Damien Provis	Canterbury	Associate
Andrew Allen	Marlborough/Tasman	Fellow
Zakory Reilly	Waikato/BOP	Associate
Thomas Lumsden	Central Districts	Associate
Troy Adamson	Marlborough/Tasman	Fellow
Beth Newman	Canterbury	Associate
Nicholas Bartley	Canterbury	Associate
Grant Beasley	Northland	Associate
Aaran Pascoe	Northland	Associate
Trevor Newport	Marlborough/Tasman	Associate
Blair Symons	Otago/Southland	Member

THE IOQ NZ MEMBERSHIP YEAR RUNS FROM:

| JANUARY TO 31 DECEMBER

INVOICES WILL BE ISSUED MID JANUARY

PLEASE ENSURE PROMPT PAYMENT IS MADE.



The Executive would like to wish you and your families a very Merry Christmas and a safe Happy New Year.