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2017/18:**

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Mr Dean Torstonsen

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Mr Darcy Maddern  
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Mr John Quayle  
Mr Matt Webster  
Mr Neill Kydd

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**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: 50**

**Newsletter Date: September 2017**

## President's Report

Hello and welcome to the Spring 2017 edition of the IOQ NZ newsletter.

Firstly, thank you all for voting me in to the role of President at the 2017 AGM. Thanks also must go to Les, Dean, Gordon and Petrina and the rest of the Executive for their support over the last two years and also for their support to the wider IOQ NZ community. A lot of people do not appreciate the level of commitment required to serve the Institute as well as these guys have.

I'm looking forward to the challenges that the next two years will no doubt be throwing our way however I'm sure that with feedback and support from the IOQ NZ membership we will continue to grow and keep your interests to the fore.

I trust that everyone that attended the annual Quarry NZ conference in Auckland this year enjoyed themselves and took the opportunity to pick up some CPD hours. The venue was very good and the regular walk past the million dollar boats certainly stirred the enthusiasm a little. Feedback on the conference generally has been positive although we do have a couple of issues to sort out and remedy before next year's event at Hamilton. 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. If you have any suggestions or comments on the 2017 event or next year's event please email them to myself or Petrina before 17<sup>th</sup> November and they will be tabled at the next Executive Conference Committee meeting. A very big thank you to all the exhibitors and supporters of our annual conference. Without you guys on board we would not have a conference as successful as we do.

I'd like to take the opportunity to formally welcome Wayne Scott back to NZ and into his role at MinEx. Wayne is an excellent ambassador for our industry and he will be a real asset to the wider extractives community with his knowledge, experience and drive.

We are all awaiting the outcome of the Certificate of Competence review and what role our various submissions will have (if any). The Board of Examiners received in excess of 70 submissions, the majority being from the quarrying sector. This is an exceptional effort and highlights the level of interest in



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this review. Additionally, we also await the outcome of the MITO led review of the Unit Standards that make up the New Zealand Certificate. These reviews plus the completion of the first year of CPD recording plus the ongoing question over our Regulations are going to make for busy times ahead.

October is shaping up to be a busy month with the IQA Conference being held in Toowoomba at the start of the month and then the IQ Conference two weeks later in Birmingham, UK. Amongst other things, the International Presidents Fund will be on the agenda. Paul Sutton (IQA) has proposed a set of guidelines and policies to manage the fund and how it is distributed and it will be very interesting to see how our friends from the northern hemisphere react to this document. The fund will potentially have up to \$60,000 per year available for distribution to various causes that meet the funds approval criteria. In short, the fund will be available to support activities in advancing the industry and raise the standards globally. The idea of the International Presidents Fund has come about mainly due to the IQA's desire to see a constructive use of the affiliation fees that we all pay to the IOQ. I should have a bit more solid information on the fund in the Xmas newsletter.

There is a lot going on in your industry at the moment so please make an attempt to keep informed. The IOQ NZ website is a good source of information, as is the MinEx, WorkSafe and MITO websites.

I wish I could make some positive comment on the General Election result but nothing comes to mind at this stage. We'll just have to wait and see who's going to be calling the shots and then move forward from there.

Have a safe and productive Spring.

Peter Morgan  
**IOQ NZ (Inc.) President**

## UPCOMING BRANCH MEETINGS



### Canterbury Branch AGM

18 October 2017

### Northland Branch AGM

24 October 2017

### Central Districts Branch AGM

TBC (November)

## UPCOMING XMAS FUNCTIONS



### Waikato/BOP Branch Xmas Function Tauranga

18 November 2017

### Canterbury Branch Xmas Function Christchurch

30 November 2017

### Auckland Branch Xmas Function

1 December 2017

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## Waikato/BOP Branch Report



Greetings from the rainy and wet Waikato/BOP. May the winds stop and the fish come on the bite soon.

The Waikato/BOP branch AGM held on the 27th June at Mimico, Matamata. We have had a bit of a change around within the Branch. Myself being elected as Chair. It's been a couple of years since I have been involved at Committee level having spent many previous years on committee and am looking forward to the coming year as Chair and especially with our Branch holding the 50th Conference 2018 to be held in Hamilton at the Claudelands Event Centre.

We have also split the Treasurer and Secretary positions to take a bit of load off the role and I am looking forward to working alongside the very experienced Todd Robbins as Treasurer and James West as Secretary. This adjustment will make us more efficient going forward. We also elected a strong committee of 9 with some new committee members among them a strong team for the next year. I would like to take this opportunity to welcome them all on board for an exciting year ahead.

The meeting was very well-attended with a head count of over 30 people - it's great to see such strong support for an AGM. Les Ward gave us a heads up on the Awards for the conference to remind us all that they are there to be applied for and we need to encourage our members to do this for Hamilton. This is something all branches can take on board for next year lets have all the awards strongly supported.

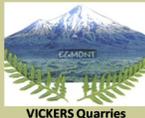
We had two very informative speakers following the formal part of the evening firstly Ben Hopkins from Mimico who gave a very informative presentation on the new Metso MX Cone Crusher, I was particularly impressed with the automatic adjustments and the animated presentation making it easy for members to understand the workings of the machine as well as how its self-adjusts. Then Duncan Hart from Mimico also gave an excellent presentation on the Kawasaki Wheeled loaders covering the many features that are part of the build and the range of machines available, Duncan was very informative and knowledgeable about the product and answered many questions from the floor.

The Mimico Tool box raffle was drawn and the winner was Todd Robbins, thanks to Rex and the team from Mimico for putting up this terrific prize again and also for sponsoring the evening and putting on a great meal and drinks for everyone and also having a great range equipment on display in their work shop.

We also held a Branch meeting on 26th September at the new Porter Group Facility. Our Sponsor was Porter Group and they gave us a tour of their new facility, and we also had a presentation from Dougal Francis from FH HEB who spoke on the Waikato Expressway Huntly Project, progress, challenges and statistics. This was a very interesting and informative presentation with good attendance.

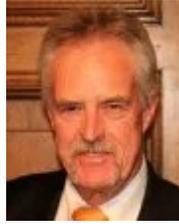
Ray Haley  
Chairman—Waikato/BOP Branch

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## Auckland Branch Report



The Auckland Branch AGM was held at Fraser Thomas cafeteria in Highbrook on 18 July 2017, with 19 in attendance.

The committee now comprises the following members who accepted nominations at the AGM: Murray Discombe (Chairman), Nathan Gibbons (Secretary), Gordon Laing (Treasurer), Andrew Dronjak, Chris Edmonds, Victoria Elvin, Lance Gosling, Nui Parekura, John Quayle, Kerry Reilly.

Special mention was made at the AGM of the work carried out in ensuring the QuarryNZ Conference 2017 was a great success - John Quayle (Conference Chairman) together with Karen Laing / Victoria Elvin (partners' Programme), Gordon Laing (technical papers / workshops) and others such as Nui Parekura and Shayne Elliot whose assisted sponsors setting up their various displays. Thanks to you all.

**Emilio Mondo**, Environmental Engineer with Fraser Thomas gave a presentation about **Asbestos**. It included an update on the new regulations (2016), information on the types of asbestos, common and unusual uses, health effects, and typical locations in residential and commercial buildings where asbestos / asbestos products can be found. Of particular interest was the update to regulations making working with asbestos 'notifiable work'. This means that PCBUs now have several duties -

- that exposure of a person at the workplace to airborne asbestos is removed / minimised
- that the airborne contamination standard for asbestos is not exceeded at the workplace.
- that there is a risk of exposure to respirable asbestos fibres in the workplace / identify that all asbestos or asbestos-containing material (ACM) that may cause a risk at the workplace is identified.

- that asbestos or Asbestos containing materials are sampled and analysed by an accredited laboratory
- that the presence and location(s) of asbestos or ACM identified at the workplace are clearly indicated.
- that asbestos management plan is prepared

The balance of Emilio's presentation included examples of his recent examples of the above processes, including safe asbestos management plans. He finished the talk with some sobering data about the history of asbestos production at former asbestos mine (Balanger) and use at the nearby cement plant Casale Monferrato both in Northern Italy - where asbestos fibres have caused 226 deaths, mostly due to occupational exposure (e.g. former mine employees). Fortunately NZ is one of most countries in the world with full or partial asbestos bans. A great talk thanks Emilio.

Worksafe Inspector **Phil Fourie** (supported by Ivan Morice) also presented on **Fit for purpose Safety Management Systems, Competent operators, and Machine Safety**. Emphasis was on risk management, review of existing H&S practices, and involvement of workers in establishing H&S as part of work culture. Phil reminded members that the MBIE booklet "A guide to developing safety management systems for the extractives industry" is available on the WorkSafe website. Phil' also used recent photos to discuss good and poor quarry practices. Thanks Phil and Ivan.

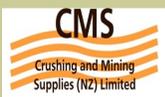
Attendance at the AGM is 0.5 hour CPD and 1.5 hour (informal) for the presentations.

The Auckland Branch next meeting is the annual fun go-kart teams race in Mangere to be held 28/9/17.

The Annual Christmas Charity Dinner to be held at Grand Millenium 1 December 2017. We are seeking nominations for three awards to be presented, as below:

**Mimico Mentor Award:** Presented to an IOQ member who has taken someone under their wing and mentored them to the benefit of that person, company and industry. Looking out for their safety is a big part of this Award.

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## Auckland Branch Report cont...

**Trimble Outstanding Employee Award:**  
Presented to anyone in the quarry industry, who is outstanding in their job and have shown exceptional performance, dedication and commitment throughout the year.

**Viking Conveyor / Paykel Shield:**  
Presented to the Auckland Branch member for their outstanding contribution to the Auckland Branch over the years.

Please email your nominations to secretary Nathan Gibbons [nathan.gibbons@stevenson.co.nz](mailto:nathan.gibbons@stevenson.co.nz) by 11 November.

We look forward to seeing many of you at the Christmas function. Tickets are limited to 130, so be in early if you plan to attend.

Murray Discombe  
Chairman

## Canterbury Branch Report



Another quarter ticks by, with our AGM next on the Agenda, to be held **Wednesday 18<sup>th</sup> October** from 6pm @ BNZ Partners Centre RUSSLEY.

**Transdiesel** have kindly agreed to sponsor this event, and we've also engaged the services of an experienced health sector representative to provide a comprehensive First Aid presentation. This will be highly useful across all IOQ NZ related businesses and suppliers to same, providing useful practical information which could assist save a life, and also qualifies for 1.5 hours of CPD. Invitations have gone out to our local membership, and anyone from further afield is also welcome to attend.

## Canterbury Branch Report

Understanding that training is important across the board in the extractive and heavy machinery space, we've also been throwing invitations further afield to the various mining related associations and organisations, plus Civil Contractors, and achieved some good crossover attendances to bolster numbers.

**In November**, the local Executive is planning a road trip to Nelson, seeking to engage with the "Top of the South" catchment, and see if we can assist members/prospective members with setting up a Branch, or even a local IOQ NZ interest group to assist with things like CPD training and best practice sharing around mutual issues. The loose plan is to travel up early on a Friday, maybe a quarry or site visit, followed by a get together/networking evening and Canterbury members travel home some stage Saturday.

We'd be really keen to hear from any members, associate members or suppliers who would like to join in and make this a successful "mission".

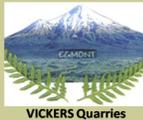
**Contact Gavin Parker 021 824166 (after 30<sup>th</sup> Sept), John Crawley 029 6300970 or Mike Higgins 0274 980204.**

**On 30<sup>th</sup> November** we are planning our branch Xmas party, and **Mimico** have kindly offered to sponsor and host same at their Christchurch HQ – please mark this date in your calendar now, and a formal flyer will issue at a later date.

As always, we welcome feedback on what other activities members would like to see us undertake, so please feel free to communicate these at any time, or bring them along to the AGM! We'll be looking to continue to provide CPD opportunities wherever we can.

Gavin Parker & John Crawley  
Branch Chairman & Acting Secretary

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## Central Districts Branch Report



The dust has settled after the Auckland conference which was the catalyst for more debate around CoC and training initiatives. It was great to see so many members attend and participate in conversations about the current state of play.

Submissions have been made on behalf of the IOQ NZ to WorkSafe and MITO's consultation on CoCs and site-specific quarries. The latter in particular ensured a rousing response from industry! It was particularly pleasing to see so many travel and attend the roadshow meetings, with some members travelling two hours or more to attend the meetings in Hawke's Bay and Wanganui. This culminated in several individual submissions from around the district adding to IOQ NZ's voice.

This quarter has been challenging for most given the weather we have experienced but the promise of increased demand over the spring and summer months has been the light at the end of the tunnel. Bring on the sunshine!

Apologies to all for not getting our AGM underway but the past few months have been very busy. We are aiming for a November AGM which will allow us to take care of a number of housekeeping issues and top up those valuable CPD hours. We like to spread the load on venues and sponsors so if anyone can offer a venue for the meeting, please let me know.

Matt Webster  
Branch Chairman

## Advertisement—Real Steel



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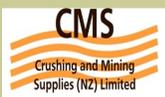
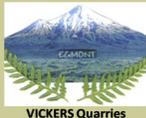
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## Otago/Southland Report



This year we have again been very fortunate to have such a great group of sponsors and members contributing to the branch events making the meetings and get togethers very interesting and worthwhile.

The Jim Macdonald Memorial Lecture held in Dunedin 1 June 2017. Paul Sutton - Institute of Quarrying Australia, Chief Executive, presented the lecture with a focus on why capable people are so important to our industry. Brendan Hearle | Business Development Manager - Asset Finance | Otago & Southland | BNZ Partners also gave a talk on BNZ services. The lecture tour was sponsored by Mimico and Metso, the meeting was sponsored by the BNZ and Blackhead Quarries. The meeting was attended by 29 Members and interested parties.

Our first meeting in Central Otago was held in Cromwell 30 August at the Victoria Hotel and combining with AUSIMM worked well with lots of new faces, a total of 59 attending the meeting.



Wayne Scott—  
MinEx CEO  
[right]



Jon McAlister the owner of Crushing & Mining Supplies Ltd gave a presentation on the history of CMS and some of the products they supply to our industry. Grant and Lucy Middendorf from Cluden Stone gave a presentation on their dimension stone quarry including the purchase of a new stone cutter to replace an aging model that was in the quarry when they took over. Wayne Scott – CEO of Minex, presented on what Minex can offer our industry. Peter Morgan our new National President gave an update as he arrived directly from the executive meeting held that day.

The Otago Southland area have five people that have offered to be mentors, available for people wanting to discuss oral exams or anything quarry related.

Gavin Hartley—Blackhead Quarries	<a href="mailto:gavin.Hartley@bhq.co.nz">gavin.Hartley@bhq.co.nz</a>	0274 369 138
Phil Boulton – Fleet Review Services	<a href="mailto:phill@fleetreviewservices.com">phill@fleetreviewservices.com</a>	027 938 9732
Craig (Oz) Harvey – Fernhill Lime	<a href="mailto:craig.harvey@hwr.co.nz">craig.harvey@hwr.co.nz</a>	027 225 8887
Antony Stoddart – Newvale Coal	<a href="mailto:antony.stodart@newvale.co.nz">antony.stodart@newvale.co.nz</a>	021 318 569
George Kelcher – Road Metals	<a href="mailto:george@roadmetals.co.nz">george@roadmetals.co.nz</a>	021 350880

It was great to see so many people turn up and enjoyed the company of fellow quarry operators and supporters. I think I dropped off home the last group around 1.30am?

Next event for the branch is our annual field trip that we haven't had for 2 years to be held 28<sup>th</sup> of Oct 2017 the plan is to Visit Bathurst resources Nightcaps Coal Mine and then travel to Duncan McGregors for lunch and view his collection of WW2 military vehicles. This will be a great day out so we need a bit more planning for transport maybe buses from Dunedin and Central Otago to get everyone to Southland on time as Nightcaps is wee way from Invercargill. Anyone willing to contribute and help out let us know?

Phil Boulton and Gavin Hartley  
Branch Chairman and Secretary

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## 2017 CPD Training Schedule



### WEBINARS 2017

**10 October 2017**

Slope Stability  
- Competency: Operating & Safety Systems

**13 October 2017**

Exploration Site Investigation  
- Competency: Operating & Safety Systems

**16 October 2017**

Effective Risk Management  
- Competency: Leadership

**20 October 2017**

Cost Management  
- Competency: Leadership

**25 October 2017**

Waste Dumps  
- Competency: Operating & Safety Systems

**30 October 2017**

Geology & Geological Processes  
- Competency: Operating & Safety Systems

**6 November 2017**

Performance Improvement for Quarries  
- Competency: Leadership

**10 November 2017**

Ponds and Dams  
- Competency: Operating & Safety Systems

**15 November 2017**

Roads, Vehicles and Stockpiles  
- Competency: Operating & Safety Systems

**20 November 2017**

Conveyors  
- Competency: Operating & Safety Systems

**24 November 2017**

Emergency Plans  
- Competency: Emergency Management

**6 December 2017**

Problem Solving and Decision Making  
- Competency: Leadership/Operating & Safety

### SEMINARS 2017

#### Electrical Awareness for Quarry Managers and Supervisors

This course is based on AS/NZ Standards and is more focused on what to look for within the Quarry Industry in terms of electrical awareness. It is run by a Mining/Quarrying electrical inspector from Australia. *It does not give the training to undertake electrical work.*

The Worksafe Quarry inspectors have attended this course and it would assist attendees to identify what the inspectors would be looking for in a site inspection. This course would also be beneficial to suppliers of electrical services to Quarry companies and we would strongly recommend that companies circulate to the electrical contractors for their site for consideration to attend.

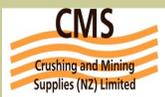
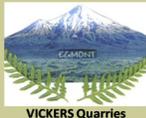
Six (6) hours of formal CPD has been approved for this professional development programme.

[Electrical Awareness Whangarei – Nov 13](#)

[Electrical Awareness Auckland – Nov 14](#)

[Electrical Awareness Christchurch – Nov 15](#)

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## Graham Fergusson 1947-2017



Sadly, **Graham Fergusson** (Ferg) passed away on 3 August 2017, aged 69.

Graham took over the Niederer Machinery business in the early 1990's calling it Niemac, agents for Astec, Telsmith, JCI, KPI crushers and screens. He loved developing new pieces of equipment to cater for specialist needs.

Graham was a member of the Institute of Quarrying NZ (Inc.) and he was a regular attendee of Auckland Branch meetings, and we recently awarded Ferg the Paykel Shield for his on-going support of the branch activities.

In 2003, Graham introduced the **Niemac Trophy** to "recognise personal achievement by an IOQ NZ member working as a quarry plant operator or engineer or manager. The intent is to reward a person directly responsible for significant development or engineering, or in plant operation, or in plant maintenance, or in problem-solving in the industry". Awarding of the Niemac trophy at the Annual Conference has been a terrific way to recognise innovation.

Ferg will be missed.

The NZ Herald Death Notice records:



*I've been fortunate to have had a rich and full life: a loving extended family, great friends, travel, a rewarding career, and of course time on the boat, especially on the Whangarei and Waitemata Harbours. My life was enriched by working with my colleagues in the quarrying industry, and through my longstanding membership of AusIMM. I enjoyed my time as a Coastguard volunteer, both on the water and off. My family wishes to thank Dr Deva and his team at Auckland Hospital, and the staff at Mercy Hospice.*

### Niemac Trophy

"I must down to the seas again, to the vagrant gypsy life, To the gull's way and the whale's way, where the wind's like a whetted knife; And all I ask is a merry yarn from a laughing fellow-rover, And quiet sleep and a sweet dream when the long trick's over".

## Quarrying & Mining Magazine—Editors Award 2017

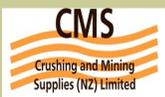
The Q&M magazine editor's award is presented each year to an individual, group or company for an activity or project that puts the industry in a positive public perspective, or contributes to the industry in a positive way.

The awards were announced by Alan Titchall, Editor of Q&M Magazine.

### Winners:

Ben Hopkins, Mimico  
Zara Clifton, Rocktec  
Matt Webster, Websters Hydrated Lime

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## MinEx Update

My first three months in this role has been spent meeting extractives industry people, visiting sites – including many IOQ NZ members - and getting my head around the many Health and Safety issues confronting our sector.

I attended many of the presentations given by WorkSafe, and MITO on proposed changes to Certificates of Competency (CoCs) and unit standards(US). I was heartened by the large numbers that turned out for these sessions, and also by the 60 organisations and individuals who put in the time to make a submission. Many of you either contributed to, or would have read, the MinEx submission, which can be found on our website at [www.minex.org.nz](http://www.minex.org.nz). It is also pleasing that the majority of those who submitted supported the MinEx submission. I am currently having discussions with WorkSafe on the next steps to achieving more relevant CoCs and US for the extractives sector.

The mentoring programme introduced in August to assist CoC applicants in preparing for their oral exam has been an instant success. Some 18 volunteers have come forward to assist and MinEx have developed a Mentor's Pack of sample questions and legislation extracts to assist the mentors. To date, a number of applicants have taken advantage of the programme and recent oral exams have seen significantly improved pass rates (90% in Dunedin and 100% in Christchurch). 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](mailto:wayne@minex.org.nz).

The Electrical Workers Registration Board has recently introduced two new CoCs for electricians working on prescribed electrical work in mines. They require any Electrical Inspector and Electrician working in a mine to have a Mining Endorsement from October 27. Currently alluvial sites and quarries are exempt, however I recommend you discuss this with your electrician as it will only be a matter of time before prescribed electrical work in alluvial mines and quarries will be included.



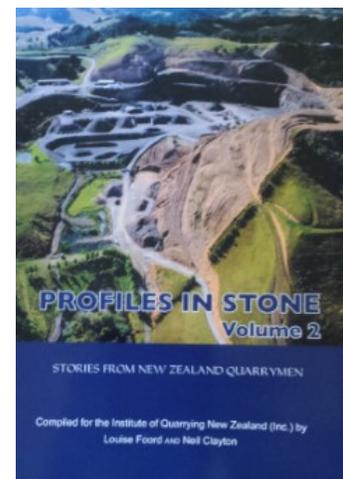
THE NATIONAL HEALTH & SAFETY COUNCIL FOR THE NEW ZEALAND MINING AND QUARRY SECTOR

Worker Health will receive added attention from WorkSafe following the introduction of the Health and Safety at Work (Hazardous Substances) Regulations 2017 on December 1. These regulations replace the HSNO Regulations and mean that WorkSafe become the regulator of hazardous substances, including licencing requirements from this date. Many of the Environmental Protection Agency staff responsible for this have relocated to WorkSafe to assist in the transition. While these regulations are not significantly different to the HSNO Regulations, information is available on the WorkSafe website. Also MinEx will be publishing a Worker Health guidance document over coming weeks to assist the industry.

Finally, I would like to acknowledge the great support I have been receiving, not least from IOQ NZ members. It is really valuable in terms of what MinEx is doing in influencing government policy, WorkSafe, and the broader training agenda around the skills, knowledge and experience in our extractives sector.

Wayne Scott  
CEO MinEx

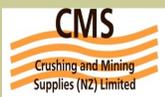
## Profiles in Stone Volume 2



Have you received your complimentary copy of  
Profiles in Stone Volume 2?

Copies will be available at your next branch meeting.

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## MITO Update



### 1. MITO CoC unit standard review

MITO's unit standard consultation period following the CoC review workshops has now closed. A number of submissions were received – thank you to those who provided feedback. Seven submissions were received, and have resulted in the following actions:

- Specific feedback on unit standard content will be considered by an industry working group made up of subject matter experts and incorporated where appropriate.
- Feedback on unit standards not included in the current review has been noted for use in future reviews. This covers unit standards 16686, 17694, 21152, 25878, 26855, 28793, 28982, and 28983.

Once unit standard content has been approved by NZQA, MITO will begin the process of updating our learning and assessment resources to ensure alignment.

### 2. MITO training activity for 2017

MITO enrolments 1 January to 30 August 2017.

Programme	Number of learners
B-grade surface	133
A-grade surface	40
B-grade tunnel	20
Incident Investigation	24
Safety Critical Surface Manager	15
Safety Critical Explosives Knowledge	12
B-grade tunnel SCP	9
Surface Extraction Level 2	17
Risk Management	7
Safety Critical Underground Manager	4
Safety Critical Legislation	4

### 3. Got a Trade SpeedMeet 2017

SpeedMeet provides the opportunity for employers to secure new apprentices or trainees straight out of school, that are actively looking for trades or services careers. Employers meet with secondary school students speed-dating style via seven-minute mini-interviews. The dates and venues have been confirmed as follows:

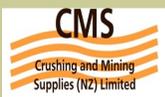
- Wellington – Wednesday 25 October, Expressions Hall, Upper Hutt
- Christchurch – Thursday 26 October, Halswell Centre
- Auckland North Shore – Tuesday 31 October, Freemans Bay Community Centre
- Auckland South – Wednesday 1 November, Mangere War Memorial Hall.

MITO would like to invite employers to register their interest in attending – places are limited. Participation is free of charge and is supported by MITO's contribution to the Got a Trade? Got it Made! campaign. To register your interest in attending please register online before Friday 6 October: <https://mito.org.nz/news/employers-register-for-got-a-trade-speedmeet/>.

### 4. MITO Scholarships 2018

MITO's 2018 scholarship programme is now open for applications, until 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/>.

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## Extractives

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### New Zealand Mining Board of Examiners Newsletter - August

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

### New online CoC application

Online CoC applications were introduced in July. Applications can still be made in hard copy.

Within the next month, current CoC holders will also have secure access to an online logbook where CPD activities can be entered directly.

### Proposed CoC requirements

WorkSafe and the Board conducted a series of workshops throughout New Zealand on proposed CoC requirements. Attendance was high, with a lot of feedback provided at the workshops, particularly in relation to the proposals for site-specific CoC requirements and definitions of operational experience.

### Continuing professional development verification

The Board undertook its first verification of CPD logbooks. Of those chosen, 86% met the requirements. This is particularly impressive given the newness of the scheme.

Verification is how the Board monitors CPD compliance. Five percent of CoC holders are randomly selected each year to undergo verification.

The Board undertakes verification because it does not monitor every CoC holder's log book. It is also the individual holder's responsibility to ensure they meet CPD requirements.

Verification focuses on confirming whether recorded **formal learning** has been undertaken. In addition, verification is an opportunity to give feedback to individuals on their log books.

### Oral examination panel moderation plan

Moderation is the Board's quality assurance process to ensure that CoC oral exam assessment processes and decisions are consistent, fair, and valid, and it reduces variations of interpretation.

The Board agreed to its first Moderation plan which will focus on panels for B-grade quarry managers, B-grade opencast coal mine managers and mechanical superintendents. This means that over the next two to three months some panels will have an observer who will be assessing the panel NOT the applicant. Applicants whose panels are chosen for moderation will be asked before the panel date, if they are happy to have an observer present during their exam.

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**Panels of examiners needed**

The Board is always seeking panel members. This is an opportunity to give back to your industry and earn CPD hours.

There is a shortage of members from the tunnel sector and the Board encourages experienced members from this sector to apply.

The Terms of Reference sets out panels' functions and required skills and experience. Panel members should preferably hold a relevant CoC and/or a relevant qualification."

Please send your CV to [BoE\\_Secretariat@worksafe.govt.nz](mailto:BoE_Secretariat@worksafe.govt.nz). The Panel of Examiners Terms of Reference document is available on our website.

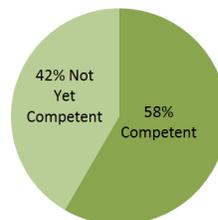
**New CoC results**

The following table and chart set out the results up to the end of July 2017.

CoC	Total	C*	NYC*	C*%	NYC*%
A-grade quarry	42	31	11	74%	26%
B-grade quarry	119	49	70	41%	59%
Other	145	99	46	68%	32%
<b>CUMULATIVE TOTAL</b>	<b>306</b>	<b>179</b>	<b>127</b>	<b>58%</b>	<b>42%</b>

**Competent vs not yet competent**

306 oral exams: 179 competent, 127 not yet competent.



If you have any questions in relation to any of these topics please contact the Board Secretariat: [BoE\\_Secretariat@worksafe.govt.nz](mailto:BoE_Secretariat@worksafe.govt.nz) or phone 04 901 4980

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## 2017 Award Winners

### Winstone Safety Award



**Whitehall Quarry Manager Shane Burrell** & Central Operations Manager, **Tim Hazell** are all smiles as they receive the Winstone Aggregates Safety Award from Chief Inspector, Mark Pizey and IOQ NZ President, Les Ward.

This year **GBC Winstones Whitehall Quarry** was awarded the Winstone Aggregates Safety Award which was once again judged by Work Safe NZ. The award is given to the quarry operation judged to be the operation best meeting a wide range of criteria relating to the industry.

### Chief Inspectors Award



Stevenson Quarry Managers celebrate (L to R) **Jayden Ellis, Nathan Gibbons, Shane Toto, Shawn Mclean, Steve Ellis, and Luke Balsillie.**

The Worksafe New Zealand Chief Inspector Extractives Safety Leadership 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. This year's winner was **Stevensons**. The Stevenson's quarry operations at both Drury and Huntly demonstrated a company-wide commitment to high achievement in all aspects of their business.

### Lyn Jordan Memorial Trophy



**Andy Loader** (*centre*) receives the Lyn Jordan Memorial Trophy from President, Les Ward (*left*).

**Andy Loader** receives the Lyn Jordan Memorial Trophy for "best technical paper". His paper presented at the QuarryNZ 2017 conference titled "QUARRYING IN THE AUCKLAND REGION – Past Present and Future" required a considerable amount of research, particularly to obtain copies of the many photos from library archival records. Andy's presentation was a unanimous choice by the referees. Well done.

### AJ and RJ Loader Sponsors Shield



Prime Pump staff – Cameron Petrie and Glenn Powell win the 2017 AJ & RJ Loader trophy

Congratulations to **Prime Pumps** who were the 2017 recipients of the A J & R J Loader Sponsors Shield. The trophy is awarded to the best sponsor's display at each Annual Conference.

It was the first outing at a QuarryNZ Conference for **Prime Pump**. Prime Pump is a New Zealand based company that works exclusively on pumping solutions for mining, civil, marine, industrial and agricultural sectors. Prime Pump are based in Greymouth.

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## 2017 Award Winners

### IOQ NZ Award



**Gordon Laing (right)** receives IOQ NZ Award from IOQ NZ President Les Ward

From the time **Gordon Laing** arrived in NZ in 2000 to manage the close of Winstone Aggregates' Lunn Ave Quarry, he also made his presence felt as a member of the IOQ NZ Auckland Branch.

Gordon also served on the IOQ NZ board for a number of years and was President from 2013 to 2015. This year as his term ends it is appropriate that he was awarded the IOQ NZ crest in recognition of his service.

The IOQ NZ Board has agreed that Gordon remains as a Technical adviser for another year.

### R D Hassed Memorial Trophy



Matt Webster poses with the RD Hassed Memorial Trophy and the NZ Q&M Award

This year **Matt Webster** was the recipient of the R D Hassed Memorial Trophy for 2017. Matt has reinvigorated the Central Districts region, as both Branch Chairman and member of Executive Council IOQNZ. He has increased member numbers and meetings throughout this widespread catchment and has helped guide members through new legislation.

While on the Executive Council he has helped develop the IOQ NZ Youth Programme which was put in place to encourage younger people into the industry. This has had an overwhelming response with four new young people being selected into our industry. Well done Matt.



## AQA Mimico Excellence Awards 2017



### Gold: Winstone Aggregates, Belmont Quarry, Lower Hutt.

- Gecko population restoration and relationship building with iwi, community and DOC.

### Silver: Isaac Construction Ltd, McLeans Island, Christchurch.

- Restoring ecology and people to create a community asset.

### Silver: Fulton Hogan Ltd, Poplar Lane quarry, Te Puke.

- Managing the flows, clean water and healthy fish in challenging conditions.

**Bronze: Simcox Construction Ltd. Barracks Road Quarry, Omaka Valley, Marlborough.**

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MATAMATA INDUSTRIAL MACHINERY IMPORTS LTD

## Kawasaki 92Z7 is a powerful and reliable workhorse for HG Leach

Tough Stuff recently spent a morning with HG Leach & Co Ltd at their Tahuna Quarry, watching their Kawasaki 92Z7 wheel loader go through its paces. This machine has already proven to be a reliable, powerful and flexible workhorse for its owners.

The first thing you notice about the 92Z7 is its size. It's a large piece of machinery with a bucket capacity of up to five cubic metres. The 92Z7 measures just over 3.5 metres to the top of the cab and the bucket can be raised more than 6.5 metres, depending on the loader's set-up. It shows. At one point Leach's 92Z7 towered over a truck it was loading with product.

Then there's the sound it makes when operating at full power. The 92Z7 almost sings. It oozed smooth, forceful, dependable strength every time it hit a stockpile or moved heavy rocks around the pit. Custom operating power modes, made available through Kawasaki's IntelliTech operating system, maximise a high engine power rating which literally provides power on demand.

The IntelliTech system uses logic and intelligence to adjust the operating characteristics of the loader. This intuitive system captures every aspect of working conditions and operating demands to adjust the powertrain and hydraulics to best suit each application's requirements.

"We're pleased with our Kawasaki 92Z7," said Corrie Leach, HG Leach's Quarrying Operations Manager. "It's a powerful, reliable workhorse in the pit and compliments the rest of the equipment we have running down there. It can move any type of product and handle a variety of tasks. Just as important, the operators love running it."

This sentiment was echoed by Pete Mangan, who was operating the 92Z7 on the day Tough Stuff was at Tahuna Quarry. "It's very comfortable, which you expect with a loader these days, and is easy to operate in and around the quarry," said Mangan. "We've had it here for several months and have had no problems. It's a good, strong machine and enjoyable to drive."

In fact operator comfort is outstanding. The 92Z7 is quiet, convenient, clean, and designed for optimum operator comfort, safety, and productivity. The Z7 range's operator compartment features a low-profile dash, full-length glass doors, panoramic front window, standard rear view camera and well-organised storage area.

### Families working together

The relationship between HG Leach and MIMICO is strong and long-standing. It has been built on the back of their quarrying business, where MIMICO has supplied not only world class Metso crushing and screening equipment but also backed it up with quality service support and parts supply.

This meant that when HG Leach was looking for a new loader they knew where to go. They could trust that MIMICO would provide them with a superior piece of equipment along with all the parts and service back-up they would need to keep their loader up and running.

"Essentially this is about one family-owned business supporting another family-owned business to the best of our ability," says MIMICO's Managing Director, Rex Davies. "Over the years HG Leach has been able to build up a level of trust in MIMICO."

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MATAMATA INDUSTRIAL MACHINERY IMPORTS LTD

They know we'll be there for them, not only through the supply of top class equipment but with everything else they need to ensure their business keeps running."

HG Leach have purchased a range of Metso mobile and fixed crushing and screening equipment over the years. The company currently owns and operates two Lokotrack LT105 mobile jaw crushers, an LT200HPs mobile cone crusher, an LT1213S mobile impactor and an ST2.4 mobile screen.

#### A bit about HG Leach & Co and MIMICO

H.G. Leach & Co. Ltd is a privately owned family company with a sixty year history in the Thames Valley region of New Zealand's upper North Island. The company operates four quarries at Tirohia, Matatoki, Tahuna and Waitawheta. HG Leach also operates and constructs landfills for local authorities in New Zealand and Fiji.

The company has extended its operations around the central North Island over the course of sixty years. Their reputation for outstanding quality, a strategic placement in relation to key urban markets, and a highly effective transport fleet, have all combined to allow HG Leach to expand its operations beyond traditional geographical boundaries and into areas of high demand.

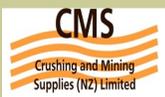
MIMICO is the New Zealand distributor for Metso rock crushers and screens, Kobelco excavators, ZF transmission and drive components, Atlas Copco rock breakers, Kawasaki Z7 wheel loaders, Moxy articulated dump trucks and Cesco concrete mixer bowls.

The company operates a modern heavy machinery workshop, parts store, adjoining offices and training facilities in Matamata. Sales and service branches are also located in Auckland and Christchurch, a distribution centre in Paraparaumu, as well as 15 service dealers across the country.

For more information about the Kawasaki 92Z7 wheel loader, click here: <http://www.mimico.co.nz/equipment/wheel-loaders/92z7-wheel-loader/>



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## Quarry Essentials Pocket Guide

### Guarding

Ensure moving parts of conveyors screens and crushers are protected with guards bolted in position.

Ensure belt conveyors are fitted with nip guards on head and tail drums, and also where persons are exposed to conveyor bottom idlers. Provide in guard nip guarding where guards are removed for maintenance.

Ensure emergency 'lock-out' buttons and tensioned pull wires are provided along accessible parts of conveyor belts.

For more information refer to section 12.8 of *Health and Safety at Opencast Mines, Alluvial Mines and Quarries*.

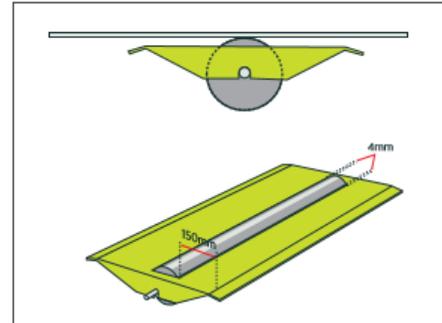


Figure 16: Bottom idler nip guard

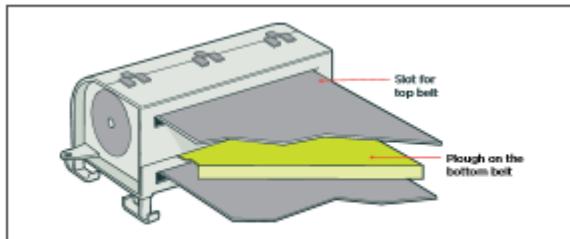


Figure 14: Tail drum return nip guard

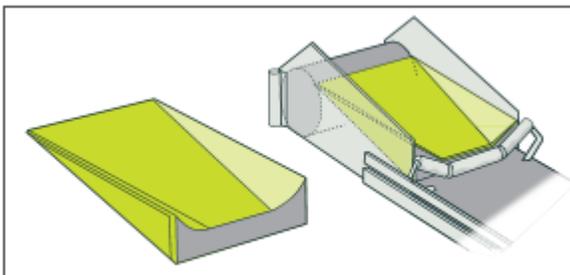


Figure 15: Head drum nip guard



Figure 17: Emergency stop with signs

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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](http://www.ioqnz.co.nz)

## Welcome to New Members

Name	Category of Membership	Branch
Glenn Savage	Member	Waikato/BOP
Michael Henton	Member	Waikato/BOP
Jarred Banks	Member	Waikato/BOP
Colin Duncan	Associate	Otago/Southland
Michael Duncan	Member	Otago/Southland
Malcolm Clayton	Member	Waikato/BOP
Geoffrey Dalziel	Member	Waikato/BOP
Graeme McPhail	Member	Canterbury
Craig Hallberg	Associate	Otago/Southland
Christopher Edwards	Associate	Otago/Southland
Zarad Fodie	Associate	Otago/Southland
Darryn Gale	Member	Otago/Southland
Bruce Melville	Associate	Otago/Southland
Christopher Parker	Associate	Canterbury
Brendon Taege	Associate	Canterbury
Christopher Newcombe	Member	Canterbury
James Heap	Member	Central Districts
David Bristol	Member	Central Districts
Wayne Giddens	Member	Central Districts
Wade Saunders	Member	Central Districts
Ross McDonald	Technical Member	Central Districts
Andrew Adlam	Member	Central Districts
Gary Johnson	Member	Canterbury
Allan Smithies	Associate	Otago/Southland
Douglas Hood	Member	Canterbury
Tim Gaddum	Associate	Central Districts
Robert Pearson	Member	Otago/Southland
Brian Gattsche	Member	Central Districts