



**Executive Committee
2020/21**

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Mr Gordon Laing

Web Manager:

Mr Murray Discombe

**National Secretary/
Treasurer:**

Mrs Petrina Torstonsen

Contact Details:

Institute of Quarrying
NZ Inc

P O Box 9

Paeroa 3640

Ph. 0274 88 4977

Email: ioq@xtra.co.nz

Website: ioqnz.co.nz

Facebook:

facebook.com/IOQNZ/

The Institute of Quarrying NZ (Inc.)

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

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President's Report

Welcome to the winter edition of the IOQ NZ Newsletter. I am hoping this newsletter finds you all well.

It has been yet another busy time since the last edition. I am continuing to hear the same repeated issues such as staff recruitment and retention and not enough time in the day to get things done and generally most sites are still very busy even with the advent of Winter.

On the discussion of staff and retention, I think we need to look at this in a deeper reflection as I feel that with the borders between New Zealand and Australia now open it is going to be an even greater concern. I am sure that there will be some pent-up youth or staff within your respective businesses that are starting to be attracted by the opportunities abroad. This issue is not going away anytime soon, and I think it requires a collective discussion from all stakeholders on this. I do not believe that training improvements such as the Workforce Development Council will be the silver bullet. It certainly has a contribution but, there is nothing more frustrating than recruiting an individual then investing heavily in their training only to see it go offshore. It becomes the risk of repetitive cycle.

In May, the Jim Macdonald Memorial Lecture Tour finally got underway and made its way throughout the country.

A huge thank-you to Dr Mary Obele for offering up her time to do the tour in conjunction with sponsors MIMICO/METSO who were very pleased with how the tour went. Mary presented on a wide ranging of topics including lung health, drugs, mental health and many topics that most shy away from in discussion. From the feedback that I have received it has been a very successful tour.

We are also pleased to confirm Dr Mary Obele will be also presenting at this year's conference. As part of the Jim Macdonald Memorial Lecture Tour, Mary identified two discussion points that had continually popped up on this tour and she has decided to present on these two topics in greater detail at conference. This will be a must for those members who attended the tour and those that missed the opportunity to see her presentation.

The IOQ NZ have put forward a nomination for the Caernarfon Award this year for Gavin Hartley's paper Quarrying Way Down South. There have been five presentations submitted for this award from all IQ's internationally and are all of a very high calibre.



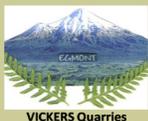
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Finally, the conference is nearly here. Numbers are looking strong and is complimented by a very good presenters list at this year's plenary sessions. We are all set for a great conference in Wellington and I know many of you are looking forward to coming together again after an extended period due to Covid-19.

Please take care and I will see you all at conference.

Dean Torstonson
IOQ NZ (Inc.) President

14th - 16th July 2021
Sky Stadium, Wellington

Up to 19 hours CPD up for grabs.
[Register now!](#)

Following changes to CPD requirements in 2020, the following CPD hours are available at QuarryNZ Conference 2021:

- **For attending the conference (restricted) - 4 hours**
- **All plenary sessions including field trip (unrestricted) - actual sessions attending up to 13 hours** Note: The BoE have determined that if you want to claim plenary sessions as one logbook entry with one key learning then a maximum of 8 hours can be claimed on one logbook entry.
- **IOQ and AQA AGMS—up to 1 hour each**

For those attending all sessions at the conference including both AGMs, this would provide up to 19 hours in total. Please claim the hours for the sessions you attend.

Please remember:

1. You must have evidence of attendance – **Registration receipt is sufficient.**
2. A CoC holder is required to record their key learnings. A CoC holder should record at least one or two key learnings from the Conference. Your key learnings should specify:
 - What did I learn from attendance at the Conference? and
 - How am I going to apply what I learnt back at the workplace?

Logbook templates will be made available at conference.

****Attendance certificates will no longer be available given a registration receipt is sufficient evidence****

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Auckland Branch Report by Lance Gosling



Due to the Covid lockdown in Auckland earlier in the year we couldn't get our first event underway until the end of March. This was a technical evening held at Liebherr's yard, where they hosted a great evening of informative and entertaining presenters. Liebherr's Craig Nicholson gave an insight in to their new Generation 8 excavator and the benefits they could create for a quarry operation. We were also shown the range of machinery they had on hand and how they were able to deliver solutions for the quarry industry.

John Chapman from NZ Pumps and Generators presented on effective pumping set ups and talked about some of the many projects he has been involved in, helping to deliver solutions to a wide variety of industrial issues. Some of John's stories that stand out include; pumping out the basement of the Auckland Sky Tower after the 2019 fire destroyed the roof and emergency services had to drench the building for days to bring the fire under control; pumping of waste from a catchment area on the side of lake Taupo after a waste pipe burst; pumping out a quarry after the 2018 floods which had inundated the pit with 30 metres of water in order to recover machinery and the site. John's entertaining talk has been nominated for the Lyn Jordan Memorial Award at the 2021 Conference.

In May the Jim Macdonald Memorial Lecture Tour was hosted by the Auckland Branch at the Manurewa Rugby Club, where Dr Mary Obele talked about different aspects of men's health and wellbeing. The health aspect was incorporated into another presentation given by two other speakers from Fraser Thomas, Environmental Scientists who discussed asbestos and contaminated waste, including how contaminated material is identified and handled from building sites and then how it is disposed of and what precautions are required to meet regulations. This was a very interesting talk where the audience asked many questions to get a better understanding of this problem, which is likely to become more prevalent in future as older commercial and industrial sites are demolished and cleared for development. MIMICO provided a discussion about quarry crushing and screening capabilities they provide and most interesting was the ongoing development for an electrical revolution of heavy equipment overseas where there is a real drive to reduce carbon and fuel burn. Understandably, in New Zealand we don't currently have the infrastructure to support this mode of powering heavy equipment so it may be a few years before it catches on here.

We also had our branch AGM held on 22nd June, hosted at Terra Cat, where Paul Hunt provided an update from WorkSafe.

Thanks to all our sponsors and those suppliers that assist us with our events and hosting at their premises, this continues to provide a great learning opportunity for our members to get out and see what is going on in the industry.

Wellington Branch Report



The Jim Macdonald Memorial Lecture Tour was recently held on 13 May 2021 at the Distinction Hotel in Palmerston North.

Both Central Districts and Wellington Branches attended the event which was presented by guest speaker Dr Mary Obele who provided an informative evening discussing various health issues.

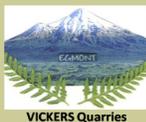
We look forward to hearing Dr Mary Obele once again at conference in Wellington.

Shane Hagai, Wellington Branch Chair

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Northland Branch Report



The Komatsu Technical Evening held on 30th March was well attended with last minute change of speakers with Egon Muller spoke on the Komtrax maintenance and tracking system. Also, Alma Quirey Lung nurse specialist from Northland district health spoke on early detection of lung cancer and the treatment time is important to a cure. Second-hand smoke is as bad as being a smoker.

The Jim Macdonald Memorial Lecture Tour was held 10th May at BDX Group Log Yard Road with presenter Dr Mary Obele who spoke to members before the presentation like she had known them for years. The presentation was remarkably interesting covering many topics the one that stood out for me was depression as we have just lost a friend work colleague to it. Noticing early signs is important.

A field trip to Portland Cement Works was held on 22nd May, Harry Carter spoke with passion of his production plant manufacturing just under 100,000 tonne of cement per year, interesting place to visit with some old plant standing and the new tower where the burning of tyres and recycled timber is used to heat the process.

A technical evening is planned on 30th June at Gas & Tyre Waipapa. Eric Harrinton from Maxam Tires will speak on tyre selection and tonne per hour rate. Second speaker is Bill Edwards from Heritage NZ early NZ use and trade of stone.

Local committee is busy finalising last-minute plans for our local awards night to be held on 28th August at Kamo Club, guest speaker is sponsored by Oil Intel with many other sponsors on board to help run the night. Nomination forms have been sent out let us hope for a good reply.

Local AGM is planned for September once we have found a venue and sponsor.

See you at conference Wellington.

Murray Smith
Northland Branch Chair

Otago/Southland Branch Report



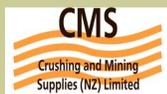
The first half of the year has been busy for most in the Otago/Southland area with no respite in sight. Across our quarrying and associated industries, operations are dealing with a number of positive issues such as finding additional staff, backlogs in orders, equipment and plant. Despite the ongoing issues, we find ourselves in a significantly more positive space when compared to this time last year.

Since the last newsletter the area has had a couple of informative events including the Jim Macdonald Memorial Lecture Tour as well as the MinEx Health and Safety update. Both events were warmly received and reaffirmed the hazards and learnings we constantly face in the extractives industry. Reflecting on both events, we are all reminded of the ever evolving nature of hazards and hazard management and the ongoing learning of improving to meet the challenges of these risks.

Looking forward to the second half of the year, our next meeting will be the Otago/Southland AGM (date yet to be confirmed). We continue to look for opportunities to meet and are currently exploring ideas and options for potential field trips, so watch this space, and feel free to pass any ideas on.

Jason Blair
Otago/Southland Branch Chair

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Waikato/BOP Branch Report



Since the last report we have managed to hold all the planned events for the quarter even though it made it a very busy quarter and difficult for all to attend all events we even managed to complete our AGM and have the executive and committee settled in before conference next month.

I would like to welcome the committee on board, congratulate them on their election and look forward to planning another 12 months of events to carry on our networking and learning opportunities. I also would like to thank the previous year's committee and executive for their efforts over the past 12 months which have been challenging for us all.

Again, we can't thank the members, suppliers and sponsors enough for their continued support which assists us to continue to supply quality experiences for all. A big thank you to J Swaps for sharing the excellent venue barbeque and drinks. Thanks also to MIMICO for supplying us with a couple of very interesting speakers, David Hyslop gave us a detailed interactive presentation on screen selection and Chris Gray discussed the eight wastes of lean management. Some great takeaways for CPD.

Over the past 3 months we have also completed the following events:

On the 8th April, we saw large numbers attending a Field trip to the AG Price Foundry where we experienced mold design and construction, as well as a pour for what I believe were tank parts. Included was a tour of this historical operation and the challenges of survival. We then had a very informative tour of the Thames Goldmine and they started the Steam engines, Tamper Mill and screening circuits. We learned a lot here on the engineering technology of the late 1800s including where the term Balls out came from. Special thanks to Ricky Leach for his excellent job in assembling this event. Also sponsors for the event HCD and HG Leach.

On 12th May, we hosted the Jim Macdonald Memorial Lecture Tour where Dr Mary Obele gave us introductions into several areas of men's health, the problems we face and some strategies to recognise and manage symptoms. We look forward to her more in-depth presentation at conference. A huge thank you to sponsors MIMICO and METSO.

On the 21st May, we saw the annual fishing trip to Coromandel take place and some very nice fish being caught. A prizegiving held at Tapu pub saw all entrants taking away a prize and a feed of Snapper. Biggest fish trophy went to Craig Lee from Graymont with a very solid 3.220kg Snapper and wooden spoon to Shane Burrett for a myriad of errors over the day too many to mention them all but getting his crew lost and losing his sunnies to later find them in his pocket then breaking his false teeth as they fell out onto the boat deck and it goes on.

1 st Craig Lee	Snapper 3.220kg
2 nd Mark White	Snapper 2.122kg
3 rd Spencer Raynel	Snapper 2.072kg.

All other fishers got a prize for the day.

Thanks to all the sponsors for the day THL – Komatsu – Terra Cat – Graymont – AB Equipment – RSKN fishing.

Special thanks to Mark from THL for keeping our liquid refreshments going during the day.

Our tentative Annual calendar for the up-and-coming events will be set by the committee following the Conference and will be communicated by email from Brad once completed.

See you all at conference 14th – 16th July.

Ray Haley
Waikato/BOP Branch Chair

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Central Districts Branch Report



The highlight of the year has been the Jim Macdonald Memorial Tour series, with Dr Mary Obele visiting Palmerston North to talk to Central Districts and Wellington members. Thanks to MIMICO and METSO for sponsoring and Dave for his great presentation on screening and live PSD scanning. It was a very informative night, making me think more deeply about breathing, fatigue, drugs, mental illnesses and how well I can wee! I think we're now better equipped to look out for these issues in ourselves and our mates.

Big projects in the region are still happening – Fulton Hogan taking on the finishing of Transmission Gully alongside HEB, Pekapeka to Otaki and the upcoming Otaki to North Levin. Great to see our members working on aggregate supplies for these important projects.

Unfortunately, we have been faced with significant issues around river extracting in the rivers around Hawkes bay, causing significant anxiety as it continues to play havoc with local supply and future planning.

There has been a lot of debate around this issue and we are hoping the local governing bodies will reconsider their stance.

Looking forward to seeing people again at conference, although at the time of writing there are Covid things happening in the capital. Fingers crossed it's passed in a few weeks.

Matt Webster
Central Districts Branch Chair

Marlborough/ Tasman Branch Report



The Marlborough/Tasman Branch hosted a very successful evening with Dr Mary Obele on the Jim Macdonald Memorial Lecture Tour whom I had the pleasure of her company for the afternoon and evening. I have to say what a lady! Not only in her profession as a practicing and advisory doctor but a person who is in love with our industry and we whiled away a few hours visiting and observing operations in various quarries in the Nelson Region.

Dr Obele had our people thoroughly engaged at our evening meeting and I am sure they learned a lot, not only about their physical health but their mental state of mind as well once again a big thanks to MIMICO/METSO (our platinum Sponsors) who sponsored Dr Obele but also to Taylors Contracting and Neil McKay for the venue, spread and refreshments.

As a branch we are facing some geological challenges of separation between Nelson and Blenheim so we have made a decision to run the branch on both sides to encourage new members by making the meetings more accessible where it is not a four hour drive, risk of speeding tickets with our now reduced speed limits and time off work to attend.

We will try and then have at least one combined meeting a year, hopefully this will fulfil our obligations to our members and give them value both sides of the hill.

We had our first Marlborough meeting last night and looks like we have picked up another member through our meeting and encouraging to hear the attendees talking to others that may be interested.

Neil Kydd
Marlborough/Tasman Branch Chair

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Canterbury Branch Report

By: Mike Higgins (Acting Chairman), Keri Harrison (Secretary) and John Crawley (Events Co-ordinator)



Winter is here and it sure has come with a hiss and a roar in Canterbury. But as quickly as the rain fell, the ground soaked it all up. Our rivers and roads took quite the hit so there is plenty of road and bridge works being carried out, using our aggregate.

The last three months we have had a few changes. Gavin Parker is taking a break as our Chairman and Mike Higgins has kindly stepped into his role for a few months. We thank Gav for all his support and help to our branch and look forward to seeing him again in August at our AGM.

Our membership has steadily grown. We welcome Nathan Perring from Isaacs as a new member and we had several membership upgrades from associates to members including Adam Waite from Isaacs and Blair Ferguson and Nick Bartley from Canterbury Ready Mix.

After a 12 month delay due to Covid hitting, Mike Earnshaw and his team at Fulton Hogan Miners Road treated around 25 IOQ NZ members and supporters to a great tour of their operations in April.

We started out in convoy at the business end of the operation where loaders feed the approx. 1km long conveyor system, interestingly running underneath Miners Road up to the main processing area, where there are a myriad of crushers and screens efficiently sorts all the product out. Miners Road puts out an enormous amount of product, and the Fulton Hogan team were great hosts, giving us full access throughout the site, obviously with operations shut down for the evening to accommodate our tour. We then adjourned back to the lunch room for further Q&A's on the operation whilst enjoying some great refreshments and hospitality from the FH crew. A huge thanks to the Fulton Hogan team for the effort put in to making the night a success.



Figure 1 and 2: Miners Road Tour Fulton Hogan

We were the last stop for the Jim Macdonald Memorial Lecture Tour. Thank you to Road Metals Rolleston who kindly hosted us, with refreshments provided by Fulton Hogan, ASB and Tui Creek Consulting. Dr Mary Obele challenged us to think about our health and wellbeing and to look out for others. Great advice Dr Mary and we look forward to working with you again.



Figure 3 Road Metals Rolleston

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Canterbury Branch Report Cont....

We have several events in our calendar:

- A trip to the West Coast to see a Gold Mine – currently in the planning phase
- A fishing trip down South – currently in the planning phase
- We have a tour with TransDiesel booked for 12 August in Christchurch where more CPD is on offer. A flyer will be published shortly with further details.

We look forward to the next quarter. Please look after yourself and your work mates and sing out to other branches if you need help.

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UPCOMING IOQ NZ WEBINARS



18 August 2021
Machinery and Equipment
Facilitator: Chris Gray

September 2021
**Controlling Ground Instability
in Excavation**
Facilitator: Gordon Laing

September 2021
Worker Health
Facilitator: Neill Kydd

October 2021
Site Security and Public Safety
Facilitator: Dean Torstonsen

October 2021
Using Explosives
Facilitator: Gordon Laing

November 2021
Maintenance and Repairs
Facilitator: John Quayle

Registrations will open shortly.

Visit our Store:

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[-courses/](#)

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Educational Report by Paul Sutton



1. CoC Renewals and Applications

Many of our CoC members have touched base to ensure their CPD Logbook and Evidence are ready for audit as part of the CoC renewal process. It is gratifying to see how hard many of our CoC holders have worked in preparing their logbooks and evidence. It is also pleasing to read the diverse range of CPD that has been undertaken over the past 5 years.

The IOQ NZ will continue to provide this service where you can have your CPD Logbook and Evidence reviewed prior to renewal submission. Please do not hesitate to contact me if you would like your CPD Logbook and Evidence reviewed before making application for your CoC renewal.

2. CPD and Training Information Huddles

The IOQ NZ has uploaded a suite of Information Huddles for members to use in their workplace. Information Huddles are ready for downloading from the IOQ NZ website at no cost to our members (Members section).

Each Information Huddle focuses on a particular topic that would usually be discussed during a toolbox meeting. The information provided is concise and allows for group interaction. We hope that our members will find each Information Huddle to be helpful in addressing key topics during toolbox meetings. More information huddle topics are in the pipeline.

3. New CPD Webinars

The IOQ NZ has developed eight (8) new CPD webinars. To date, our webinar program has been very well received by our members with excellent feedback received from the evaluation process.

The new webinar topics include:

Hazard Management System – 24 June 2021 – Facilitator: Tim Kennedy **[since held]**

Machinery and Equipment – 18 August 2021 – Facilitator: Chris Gray

Controlling Ground Instability in Excavation – September 2021 – Facilitator: Gordon Laing

Worker Health – September 2021 – Facilitator: Neill Kydd

Site Security and Public Safety – October 2021 – Facilitator: Dean Torstonson

Using Explosives – October 2021 – Facilitator: Gordon Laing

Maintenance and Repairs – November 2021 – Facilitator: John Quayle

Please do not hesitate to contact me if you would like to discuss your CPD requirements or career path or CPD ideas. I welcome your contact, input and discussion.

Take care, be safe and be happy!
Paul

paul@foresighttd.com.au

+61 429 438 554

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Dr Mary Obele's Summary of the IOQ NZ Jim Macdonald Memorial Lecture Tour

Occupational and environmental medicine practitioner, Dr Mary Obele, was invited by Institute of Quarrying NZ to conduct the 2021 Jim Macdonald Memorial Lecture Tour and says quarry workers are the nicest people you can meet...

For those of you who don't know, Jim Macdonald, Bryan Bartley and Gib Stuart invented the first vertical shaft crusher. All Kiwis can be proud of that legacy. Barmac crushers revolutionised quarrying methods and are still used all over the world.

I was lucky enough to do the Jim Macdonald tour this year, after Covid-19 cancelled it last year. Quarry workers extract, crush and grade rocks and sand for our roads, construction industry and other uses. New Zealand couldn't function without your products. I noticed quite a lot of discussion about making the industry greener, thinking about energy efficiency, air quality, recycling, planting trees and the best ways to rehabilitate sites. The quarries I spoke to wanted to make sure the neighbours stayed happy, healthy and safe too.

Thanks to my fantastic hosts, I visited quarries in Otaika, Rodney, Pukekawa, Nelson, Christchurch and Dunedin. It was fascinating. I learned how the different layers are dug out, and how important the quality and size of the rocks is. Those big machines work for years, often maintained by their drivers. I remember learning about different types of rocks at school, but it really came to life next to those quarry faces, looking into the face of history and the future.

Quarry workers are the nicest bunch of people you'll meet. Some of them look a bit scary at first, but those men and women really know their stuff. Many of them have a family history of quarrying. I could watch an excavator operator all day, manoeuvring their machine in the most precise and efficient way, up steep slopes, moving huge piles of dirt and rocks. They take pride in their work. The transport trucks drive monotonous distances to bring products to worksites. Watching them park backwards into narrow spots was a real treat. I met happy young apprentices in engineering workshops who promised me that they're also studying their theory too.

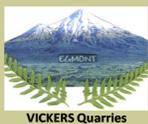


Tips on health were also provided by Dr Mary Obele

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Dr Mary Obele's Summary of the IOQ NZ Jim Macdonald Memorial Lecture Tour cont....

It's hard for any industry to manage health problems at work. It's not easy looking around a site and spotting all the ways that work can affect workers' health and wellbeing. Falling rocks, dust, noise and vehicle-related accidents are pretty obvious and very important to control. But there's also the tough stuff like mental health, suicides, drugs, alcohol and domestic difficulties which seep into your work and can be quite destructive and dangerous. Those are hard to deal with, because work may only be a small part of each worker's ecosystem.

I did a bit of a health talk on things like lung disease, depression, methamphetamine (liver, lover, law and livelihood!), fatigue, prostate disease, diabetes, eating well and return to work issues. I was lucky to get an enthusiastic bunch of workers in the room and blast them with some knowledge. Unfortunately, now they know that I have a bad habit of laughing at my own jokes.

After my talks, I think most people went away and had a little think about what they can do to improve their own health, and the health at their quarries. They asked lots of excellent questions. We had some quite strong group discussions about looking after themselves and their workmates. They shared some powerful stuff as I was checking their blood pressures after the talk. I only hope that I had some effect on people's wellbeing. One small change can make a big difference.

Rumours say that men don't like talking about their health or going to see the doctor for a check-up. Maybe my talks gave some people a bit of shove in the right direction. Maybe those guys will go back to their worksites and discuss something useful at a toolbox talk. Maybe someone who was feeling low got some support from a workmate or a manager who listened to my talks. I reckon Jim Macdonald would be quite proud to have seen these talks, and the learning that hopefully went beyond ticking a few CPD boxes.

Top learnings for me were:

- Every day, turn up to work healthy and safe.
- If you think there is something wrong or hazardous – speak up.
- If you are not well – mentally or physically – get the right help, not just from a bottle or drugs. They make you feel good for a short time but cause more problems in the long run.
- Look after each other. If a workmate is having problems, your support can make a difference. But you are not responsible, and you can't do it alone, so get help.
- Talk about hazards and risks and how to control them often. Take a fresh look, do it better. Be as safe as you can, every time, all the time.

If you don't know something, ask and learn.

Mary Obele

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MITO Update cont..



1. REFORM OF VOCATIONAL EDUCATION – CHANGES AHEAD

The objective of the Government's Reform of Vocational Education is to form a strong, unified and sustainable vocational education system that delivers the skills that learners, employers and communities need to thrive. The Reform is swiftly moving along which will see some changes to MITO over the coming months.

MITO's functions will be split into two. The standard-setting and qualification design and development functions for the Extractives industry is legislated to transfer to a new entity called the Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council on 4 October.

The arranging training functions, which includes programme development through to learner support, will either transfer to a new Work Based Learning subsidiary of Te Pūkenga (a new entity that comprises the 16 polytechnics in New Zealand operating as subsidiaries) or a private training establishment, on 31 December 2021.

The Tertiary Education Commission has criteria that must be met by the organisation receiving the arranging training functions. Due diligence is currently underway and industry will be consulted shortly on the preferred destination.

2. GREAT OPPORTUNITY TO INTRODUCE SECONDARY STUDENTS TO THE EXTRACTIVES INDUSTRY!

A reminder that MITO has developed RockUp® - a micro-credential for students to complete while they are at school and includes work experience at a quarry. If you would like to host a student please contact Maree and Jeremy, our Vocational Careers Advisors via email vca@mito.org.nz. More information about RockUp can be found [here](#).

3. GOOD NEWS – APPRENTICESHIP BOOST EXTENDED BY FOUR MONTHS!

The New Zealand Certificate in Mining and Quarrying (First-line Supervision) – Surface (Level 4) training programme qualifies for Apprenticeship Boost. The Government has recently extended Apprenticeship Boost for another four months to August 2022. Employers with apprentices enrolled in this programme can receive payments of \$1,000 per month for each apprentice in their first year of study and \$500 per month for each apprentice in their second year of study. Further details can be found on the [MITO website](#).

4. FREE TRAINING FEES!

The Targeted Training and Apprenticeship Fund covers MITO's training fees for all apprenticeship and selected traineeship programmes to provide critical support to businesses recovering from the impacts of COVID-19. The following programmes are included with free training fees, from 1 July 2020 to 31 December 2022:

- New Zealand Certificate in Mining and Quarrying (Level 2)
- New Zealand Certificate in Mining and Quarrying (First-line Supervision) – Surface (Level 4)
- National Certificate in Extractives Industries (Mining Administration Tunnel Manager B Grade) (Level 5)
- National Certificate in Extractives Industries (Mining Administration Surface Extraction B Grade) (Level 5)
- National Certificate in Extractives Industries (Mining Administration Surface Extractive A Grade) (Level 5)
- Safety Critical Explosives Knowledge (part of the CoC Supplementary Credit Programme).

Further information about these programmes is available on the [MITO website](#).

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MITO Update cont..



5. MITO TRAINING ACTIVITY

MITO learners engaged in total over the year - data as at 2 June 2021.

Programme	Number of learners 2021 (YTD)
A-grade Surface Extraction	27
A-grade Tunnel Manager	
B-grade Surface Extraction	63
B-grade Tunnel Manager	8
Incident Investigation	9
Risk Management	
RockUp™ micro-credential	2
Safety Critical Explosives Knowledge	9
Safety Critical Surface Manager	14
Safety Critical Underground Manager	2
Surface Extraction Level 2	17
Surface First Line Supervision Level 4	12
	163

6. EXTENSION DATES FOR NZQA QUALIFICATIONS

The following qualifications have had their expiry dates extended so development work on new programmes leading to replacement qualifications will align with any changes arising from the new regulations.

Code	Qualification name	Expiry date
1535	National Certificate in Extractive Industries (Mining Administration B Grade Tunnel Manager)	31 December 2023
1536	National Certificate in Extractive Industries (Mining Administration Surface Extraction B Grade)	31 December 2023
1537	National Certificate in Extractive Industries (Mining Administration Surface Extraction A Grade)	31 December 2023
1538	National Certificate in Extractive Industries (Mining Administration A Grade Tunnel Manager)	31 December 2023

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MinEx Update

By: Wayne Scott (CEO)

MinEx workshops have been well attended again in 2021, with our final for Workshops planned for Ashburton (11 Aug), Paeroa (11 Oct), Rotorua (12 Oct) and Whakatane (14 Oct). We are again being assisted with delivery by WorkSafe inspectors. Keep an eye on our Train Brain newsletters or visit the MinEx website for details. www.minex.org.nz.

The Government recently consulted on proposals to simplify qualifications in New Zealand. We submitted in support of these proposals on behalf of the sector which will deliver new industry developed curriculums for qualifications to replace the current Unit Standard approach. This is a similar approach to that used in Australia to develop the Resource and Infrastructure Training package which has served the quarry sector well. A copy of the MinEx submission can be found on the MinEx website www.minex.org.nz.

An exposure draft is expected on revised Mining and Quarrying Regulations by the end of June, meaning we are unlikely to see implementation of revised regulations before the end of 2021. WorkSafe will be facilitating information sessions on changes later in 2021.

We are always looking for incidents and learnings from them so please share your incidents and other H&S learnings or insights with us at office@minex.org.nz, so that we can share it anonymously with the sector.

Let's continue to work together to keep ourselves and our workers safe.

Mining Board of Examiners



It is the CoC holder's responsibility to ensure that the New Zealand Mining Board of Examiners Secretariat holds up to date contact details. If the Secretariat does not have current details, then CoC holders will not receive reminder emails when their CoC is due to be renewed.

The New Zealand Mining Board of Examiners is trailing running block oral exams in one week. The dates for oral exams for the rest of the year are as follows:

16 – 20 August - Hamilton, Christchurch and Dunedin

- The deadline to submit an application for an oral exam in this block is **11 July**

15 – 19 November - Hamilton, Christchurch and Dunedin

- The deadline to submit an application for an oral exam in this block is **10 October**.

Palmerston North oral exams will be also held on these dates if there is sufficient interest.

NZ Mining Board of Examiners Board members and Secretariat will be at the 2021 Quarry Conference in Wellington. They will be very happy to answer your questions about CoCs, CPD and renewals. You can even bring along your documentation to their stand and there will be someone to review and discuss with you.



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WORKSAFE

NEW ZEALAND | MAHI HAUMARU
AOTEAROA

WorkSafe have recently updated the notification form for Blasting Contractors. The below information has been issued to Industry:

Notification of Blasting Activity and Notifiable Events

WorkSafe New Zealand understands that you are an extractives operator with a site or sites that complete blasting activity or a supplier of blasting product and services to the extractives industry. In April 2020 we communicated about the requirement to notify of blasting activity and misfires. There has been a marked improvement in operators and suppliers completing notification. WorkSafe appreciate the improvement made by industry. This enables us to share back with industry key learnings from mis-fire incidents with those sites that undertake blasting activities.

WorkSafe have recently updated the notification form to provide an extractive specific form tailored to industry needs. This is available on the WorkSafe website via the [Notification web page](#) or [Extractives web page](#).

Notification of blasting activity

Explosives are a Class One hazardous substance and therefore controls need to be in place to ensure that these are safely managed. All blasting activity is required to be notified to WorkSafe under the Health and Safety at Work (Hazardous Substances) Regulations 2017. Notification must be a minimum of three days prior. If regular firings are to occur on site WorkSafe accept notifications for a 12 month period.

This is the link to the [Notification Form](#) for notifying blasting activity that needs to be sent to WorkSafe. For further details on requirements refer to Health and Safety at Work (Hazardous Substances) Regulations 2017 Subpart 3—Intended detonation and deflagration of class I substances, Regulation 9.28 Duty of PCBU who directs detonation or deflagration and 9.29 Additional duties of PCBU who directs detonation or deflagration of class I substance.

Notifiable Events concerning blasting activity

Notification is required for any misfiring of a round of shots on a face, unplanned or premature ignition of a shot, any accident when a person suffers injury or death or any accident where material is projected beyond the declared danger zone or otherwise exposes people to danger.

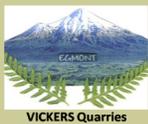
For further details on reporting misfires refer to *Health and Safety at Work (Mining Operations and Quarrying Operations) Regulations 2016 Schedule 5, Injuries, illnesses, and incidents declared to be notifiable events under Act* showing obligations when reporting misfires. This is the link for notifying misfires [Incident | WorkSafe](#).

The HHU Extractives Team are working with Industry to ensure the requirements for notification of blasting activity and notifiable events are clearly understood. If you have any areas of concern or would like additional information please contact Priscilla Page, Mines and Tunnels Team Leader Priscilla.page@worksafe.govt.nz or Charlene Donald, Quarries Team Leaders for assistance charlene.donald@worksafe.govt.nz

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The Rocktec business has been acquired
by the group headed by
Skookum Technology Limited.

Rocktec and Skookum have a shared philosophy in the way they operate, with a common vision of providing engineering excellence to its customers.

The new structure will enable us to offer additional services and more effectively work out of our existing location in Matamata as well as supporting you out of Auckland, Christchurch and South Australia.

Skookum began life over 25 years ago and is one of Australasian's leading supplier of Forestry and Bulk Handling equipment, backed up state-of-the-art technology capabilities and market-leading customer service.

Rest assured it is business as usual for Rocktec and we will continue to offer the same high level of quality and service.



Rocktec is proud to be celebrating
its' 30th year in business!

Originally founded by Paul Tidmarsh and Angus Robson in 1991 after seeing a gap in the market for locally made products. Since then the company has gone from strength to strength working with some of the biggest quarries in New Zealand.

With the recent acquisition by Skookum a strong partnership has been formed with service (offerings) and values that align.



48 Mangawhero Road | Matamata | 3400 | New Zealand
Phone +64 7 881 9188
Email sales@rocktec.co.nz | Website www.rocktec.co.nz

Specialised Design and Build Fixed Quarry Plant | Mobile Crushing, Screening and Pugmill Plant
Warrior Wheel and Underbody Truck Wash | Dewatering and Waste Material Solutions
Avalanche Screening Solutions | Bulk Material Handling Equipment



14th - 16th July 2021
Sky Stadium, Wellington

Up to 19 hours CPD up for grabs.

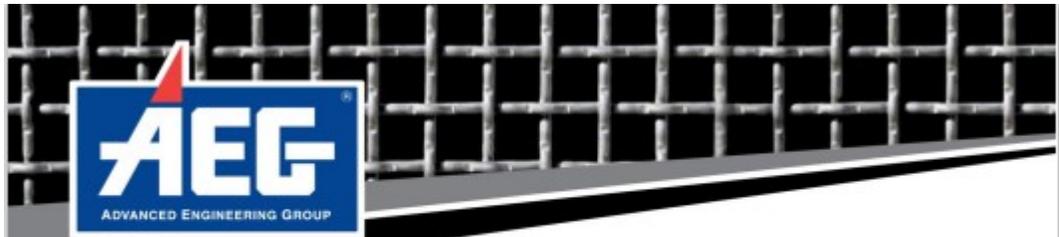
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Advertisement



PR-Hybrid™ Screen cloth

Advanced Engineering group is dedicated to bringing new and improved products to the quarry and mining industry, with proper testing and trailing of new products we are happy to bring PR-Hybrid™ Rubber Backed Polyurethane screens to the market.

Benefits of PR-Hybrid™ Screens:

1. Works better than rubber screens especially in wet screening.
2. Lasts longer in many intermediate screening applications.
3. Aperture retains shape for much longer.
4. Lighter than poly cross tensioned screens OHS benefits.
5. Less hold up, lower coefficient of friction than rubber.
6. More open area than poly cross tension as no cable blanks.
7. More flexibility with apertures no tooling required.
8. Better wear resistance than rubber.
9. No aging problems, such as drought cracks.
10. Quick delivery for standard thicknesses.



PR-Hybrid™ screen installed, with over 53,000 tones screened dry, and 120mm minus product hitting a 40mm apt screen in the impact area worked a treat.

Christchurch
P 0800 880 233
F 0800 880 234
sales@advanced-eng.co.nz

Brisbane
P 61 7 3713 7744
F 61 7 3713 7788
sales@advanced-eng.com.au

Melbourne
P 61 3 9363 1577
F 61 3 9363 6099
sales@advanced-eng.com.au

For more information on our products and services visit our website at www.advanced-engineering-group.com



Our website provides information on the following;

- IOQ Executive Committee,
- Branch Chairmen and Secretaries,
- Upcoming branch meetings
- Conference updates
- Award nomination forms
- Membership forms,
- Webinars seminars, and forums

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

ioqnz.co.nz

Welcome to New Members

Name	Category of Membership	Branch
Anya Hardy	Technical Member	Auckland
Wayne Richardson	Associate	Auckland
Thomas Lee	Associate	Otago/Southland
Daryll Cameron	Associate	Otago/Southland
Mary Obele	Technical Member	Canterbury
Howard Trent	Member	Waikato/BOP
Cameron Walker	Associate	Auckland
William Hay	Member	Auckland
Todd Nicholson	Member	Central Districts
Anthony Philpott	Member	Otago/Southland
Mark Walls	Member	Otago/Southland
Matthew Holloway	Associate	Canterbury
UPGRADES		
Adam Waite	Member	Canterbury
Nicholas Bartley	Member	Canterbury
Zarad Fodie	Member	Otago/Southland
William Connors	Member	Otago/Southland
Murray Francis	Fellow	Canterbury
Lindsay Forbes	Member	Canterbury
Kevin Donnelly	Member	Otago/Southland
Graeme Allan	Member	Canterbury
Craig Hallberg	Member	Otago/Southland
Christopher Parker	Member	Canterbury
Christopher Edwards	Member	Otago/Southland