



**Executive Committee**  
2022/23

**President:**

Mr Tim Kennedy

**Vice President:**

Mr Chris Gray

**Immediate Past President:**

Mr Dean Torstonson

**Board Members:**

Mr Brian Bouzaid

Mr Neil Cates

Mr Neill Kydd

Miss Keri Harrison

Mr Lance Gosling

Mr Jason Blair

**Technical Advisor**

Mr Gordon Laing

**Web Manager:**

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**National Secretary/  
Treasurer:**

Mrs Petrina Torstonson

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# The Institute of Quarrying NZ (Inc.)

*"Advancing the fellowship, development, and professionalism of our members  
and enhancing the image of the extractive industry.."*

**Issue: 70**

**Newsletter Date: September 2022**

## President's Report

Welcome to the spring IOQ newsletter.

After what can only be called a challenging end to the winter for most, the days are getting longer, and water levels are receding, albeit slowly. Our thoughts are with those that have suffered losses due to the floods and weather events. On a positive note, I want to acknowledge Dean Torstonson for his term as President which included an extra year through the troublesome Covid times.

The quarry conference was a great success, with good feedback from members, sponsors, and exhibitors. Bringing an event of this extent to fruition has its challenges, and I would like to acknowledge the effort of those who diligently organised and ran the conference. The annual conference continues to grow and develop with a focus on meeting the needs of the industries and members. The papers delivered undoubtedly created some interesting discussions throughout the conference.

Nearly everyone I spoke to found it challenging to attract and retain staff and to find the time and resources to train them. The general comment was that for every six employees, you need one extra to cover due to absenteeism. Demand for products through the winter months continues to be strong.

This has put added pressure on some operations as winter was often the time to carry out shutdowns and catch up on maintenance and schedule training for staff. Despite all our challenges, our industry continues to grow and lift its performance.

It is also a timely reminder for members to log their CPD hrs and record their learning outcomes from conference. There is a link on the IOQ website for members needing more information or support when updating their logbooks which can be found here: <https://ioqnz.co.nz/education/> Paul Sutton will be able to help and point you in the right direction.

On the training/qualifications front, the government has formed Hanga Aro Rau and Te Pukenga to be in control of and manage the delivery of our industry training. These new organisations are seeking input and feedback on their proposals. I encourage you to take the time to find out what the changes will mean to the delivery of training and qualifications for you and your staff. Even though it is early in the process, we will likely end up with more of the same if we do not clarify our requirements. If you needed any prompting to take an interest in the changes by the government's admission, they have already spent tens of millions on setting up these new organisations with no clear outcomes. IOQ NZ and AQA are working on getting clear lines



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of communication with the new organisations and involvement from the industry. The Mining Board of Examiners is also involved in the content for Certificates of Competence and any changes that may be required due to the new regulations.

WorkSafe is still in the process of publishing the new regulations, and a draft form is available. There is expected to be little or no change from the current draft. The new reporting requirements also come into effect with the new regulations. The reporting period is October, November, and December 22, with the reporting due on January 23. We are discussing with WorkSafe and looking at options for delivering short information sessions to the industry on what is required for the reporting process and what the new regulations will mean for large and small operators. Further information will be communicated as delivery options, dates, and locations are confirmed. The branches remain the core of the institute, and I encourage everyone to participate and support them where possible.

Tim Kennedy  
IOQ NZ (Inc.) President



**YOU CAN APPLY TO BECOME A MEMBER ONLINE.**

**NO PAPERWORK REQUIRED.**

**ATTACH ANY SUPPORTING DOCUMENTATION**

**CONFIRM WHO IS YOUR PROPOSER AND SECONDER**

**YOUR APPLICATION WILL BE PROCESSED WITHIN A FEW DAYS OF RECEIPT**

**To view the online membership application form**

<https://ioqnz.co.nz/membership/application-form/>

**The paper version is still available here:**

<https://ioqnz.co.nz/wp-content/uploads/IOQ-Membership-Form2022.pdf>



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## Northland Branch Report



The year has kicked off well with a very wet July /August and now Spring is in the air it just starts to dry out then more rain, but days are getting longer and warmer. Fish are starting to run off the coast about 40-meter mark.

We had our AGM / technical evening on 5<sup>th</sup> July at Porter Group speaker was on the Porter range of crushing plants. AGM was held with election of committee members with Colin Bale and Neil Cates standing down, new member Selwyn Tilly elected on committee.

Committee meeting on 16<sup>th</sup> August to discuss local awards night on 27<sup>th</sup> August - as always night was very well organized by committee members, attended by 150 people MC was Toast (local radio announcer) and guest speaker Mike Allsop sponsored by Total Oil. Congratulations to all award winners on the night.

Next technical evening is to be held at Vintage Machinery club 28<sup>th</sup> September will be a great venue with all the old gear around to view.

Next committee meeting on 15<sup>th</sup> November 2022.

Also just locked in WorkSafe B grade presentation at Kamo Club 21 November 2pm to 6pm.

Lastly is our famous Golf Day booked in for 26<sup>th</sup> November hope weather is good.

Murray Smith  
Northland Branch Chair

## Central Districts Branch Report



I'd like to start by welcoming Callum Slavin as our Deputy Chair for Central Districts. Callum's role will give more depth to the Central regions planning committee and provide a clear succession plan going forward. This position will be formally ratified at our next AGM - thanks for stepping up, Callum.

As we are writing, the mask mandate legislation has been lifted so we are now less likely to have events cancelled. I'm looking forward to catching up again after missing QuarryNZ conference, Mike Chilton tells me it was great. Absences still plague workplaces but hopefully with some warmer weather, we can all get back to work and into the upcoming construction season.

Unfortunately, last quarter's gripe regarding council interactions has not changed a lot, we are still seeing some troubling trends and brick walls which are making the future difficult to predict. There is growing sentiment to organise industry working groups, to provide a united front when discussing these issues. If you, like me have only taken a cursory glance at the local body elections, I suggest we make a concerted effort to understand the incumbents' stance on resource management as now is the time to make ourselves heard.

Hopefully you have all absorbed the new requirements for managers in the MOQO Regs changes. There is at least one other workshop planned for Central, aiming for Hastings, where we will have an in-depth workshop (4hrs) covering a documented HSMS, new notification and reporting requirements and a refresher on risk management.

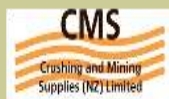
It would be great to have a meeting at a quarry so if you feel you could host an IOQ visit at your site, please let me know.

May the sun shine on your sites and dry up all this rain!

Matt Webster  
Central Districts Branch Chair



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## Auckland Branch Report

By: Lance Gosling—Auckland Branch Chair



Three events have been held in Auckland since the conference in July.

The first was the follow-up WorkSafe workshop where Paul Hunt gave an update on the new regulations affecting quarry operations. Key points included the categorisation of A and B Grade quarry operations and the safety management systems required to run sites under these types of operations. A focus on all operations will be a higher level of documentation for pre-start machine and plant checks, quarry inspections, toolbox meetings – essentially everything most quarries are doing on a daily basis, but ensuring the documentation is in place to verify checks are being carried out. Thanks to MIMICO for sponsoring this event at the Manurewa RF clubrooms.

In August, Loadrite hosted a technical event where speakers included Jayden Ellis and Wayne Scott representing AQA and MinEx, and Loadrite talking about their monitoring and data acquisition systems used for gaining efficiencies in operating plant and machinery on a quarry site.

The talk given by Jayden was especially informative, providing a great overview of what the AQA is involved in, including many aspects of lobbying on behalf of the quarry industry to government, local authorities and other agencies, to enhance the voice of our industry and make our issues heard. Wayne followed with a MinEx update which included revised regulations update, revision of guidance for safe drill and blast and discussion of mobile equipment incidents.

We are very grateful to Loadrite for hosting our event at their premises and for providing a meal on the evening.



At the end of September we held our annual social event – go karting. This has not been held for three years due to the obvious recent disruptions, so the competition was fierce and NZPGs was going hard to defend their title. Unfortunately (for all the other teams) no one could beat them on the night and they managed to retain their title. Well done to New Zealand Pumps and Generators for the win, as well as all the other teams for taking part. We had great representation of teams from 6 different quarries around Auckland and four teams of local suppliers and contractors from the local industry.

Heading into the end of the year we have another technical evening planned in October, to be held at Redbull yard at Pokeno, and then our annual Awards and Charity Christmas Function in November. We will shortly be calling for branch award nominations to be submitted and this is a great opportunity to acknowledge those people throughout your sites that you feel deserve to be recognised for their efforts, we look forward to seeing nominations coming in.



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## Waikato/BOP Branch Report



Recent news from the Government means things ease back to almost normal allowing safe events going forward and continued gatherings for our Branch and National events. As well as all of us being able to carry out our normal work.

I was unable to attend the New Plymouth Conference this year but the feedback I have received from clients and members is it was a successful conference and great opportunity to catch up with friends and colleagues as well as build on the industry networks and suppliers.

We have held our first committee meeting in August and set the tentative calendar for the coming year and there is full expectation we will complete the outcomes penciled in.

Several of us attended a Zoom training session for committee members presented by three members of the Executive Team (Tim Kennedy, Chris Gray and Dean Torstonsen) giving us a heads up on what the Executive do and how we all fit together in the big picture along with rules and regulations and a heads up for new committee members. We think this is important information for the membership also so Chris Gray will present to the wider group at the September meeting.

Our first event will be a meeting and presentation session on 21<sup>st</sup> September to be held at TDX new premises in Cambridge, keep an eye out for details in your email. *[Since held]*.

November (date to be confirmed) is our planned Xmas function and awards night venue still to be confirmed, we are hoping Wairakei again and we are also planning to hold the Golf challenge on the public 9-hole course during the day and rolling into the awards dinner and Xmas function in the evening. You can come along for both events or turn up for the one.

Let's get in nominations for our awards as soon as possible:

- Stu Marsden for the up-and-coming people in the industry
- Pat Wallbank award for the person contributing to the branch.

Send applications and or nominations to myself or Brad Cobham. Don't forget to get in the toolbox draw you need to attend the Xmas function.

We also have up for grabs again a free year's membership to the IOQ for one or more people who would benefit from joining. It is envisaged this would be an up-and-coming trainee or Manager or a supplier's employee who is interested in furthering their network. We will take each application on its merit but we as a committee are keen to use this membership allocation.

On 22nd Feb 2023, we are planning another technical afternoon/evening similar to the ones we have had for the past few years, targeting specific CPD areas where you will be able to add new learnings and gather formal CPD hours. Details to be finalised. We are hoping to hold this at C&R's venue in Cambridge.

WorkSafe are wanting to partner in a workshop for B Grade Quarry operators to develop a HSMP with a hands-on 4 hour session which we may incorporate into this event also.

Other events include:

- March we are planning another Field trip Branch meeting.
- April annual golf day quarrymen vs suppliers
- May Fishing Competition Coromandel. Dates to be confirmed.
- 14th June AGM.
- There is possibly a Jim Macdonald memorial tour next year to be confirmed.



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## Marlborough/Tasman Branch Report



No action in the branch this quarter with the top of the south suffering a significant weather event that has kept a lot of our members busy in their own right cleaning up and getting their lives back in order. As reported, this was a more significant event than the one the previous year that has caused a lot of damage in both regions and in the Marlborough Sounds. Repairs and growth in the regions will put quite a strain on local resources when all the damage is quantified.

For those of our members that attended conference it was a highlight where they all came away with positive comments with yet another well run conference.

We have had contact with WorkSafe that are keen to run a couple of sessions on the new regs in the near future.

Neill Kydd  
Marlborough/Tasman Branch Chair



## Otago/Southland Branch Report



Like past national QuarryNZ conferences, the 2022 New Plymouth Conference featuring a visit to the extensive Vickers Rock Collection was the must attend quarrying event of the year. For me, the dominant reason for going to conference is always networking with others and sharing issues, solutions and experiences with one another while also taking the time to jointly celebrate excellence in our industry. Congratulations to all 2022 award winners and thank you to the organising committee and all the sponsors that help make the conference a great experience for all.

Since the conference, there have been three MinEx H&S workshops in the Otago/Southland region. These workshops provided an opportunity for members to get their head around the new regulations, and to discuss processes we can all use to help reduce harm in each of our operations. Again, if anyone needs or wants assistance understanding these changes, please reach out to myself or our Branch Secretary Dan Bristow.

Our next branch event is a branch meeting in Cromwell on November 3 2022. More details to follow.

Jason Blair  
Otago/Southland Branch Chair



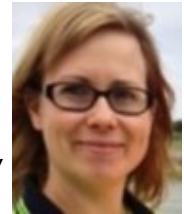


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## Canterbury Branch Report

by Keri Harrison (Branch Chair)



I prepare this report as the new Canterbury Branch Chair. A huge thanks to the committee for their confidence in me to chair the committee and to Troy Adamson, who also stood for the position.

We held a committee meeting at the Good Home in Pegasus in July where we worked out the committee roles and responsibilities. Welcome to Nick Bartley who will hold the position of Secretary/Treasurer, and to Troy Adamson who will work closely with both of us.

The annual quarry conference went smoothly in New Plymouth in July and the feedback we have received is that the conference was well run. Congrats to John Crawley who received the RD Hassed Memorial Trophy for his unequivocal dedication to the Canterbury Branch and the IOQ. With planning well underway, the Quarry Conference will be held in Christchurch next year at our new conference facility.

Coming up we have loads of great CPD opportunities for our Canterbury members.

Later this month the MinEx workshops are going to be held in Ashburton. The workshop will update you on health and safety practices in our industry. Booking for this event is via the MinEx website. Greymouth are hosting a health and safety and environmental seminar on 19 October 2002. Jodie Goodall is presenting, and she has extensive experience in mining and high hazard sectors. Booking for this event is via the MinEx website.

A WorkSafe interactive roadshow will be held in Christchurch on 15 November 2022 where you can learn about identifying and controlling carcinogens and airborne risks. Go online to the WorkSafe website to learn more. These workshops are a great time to network and gaining CPD is a bonus. Remember to keep working on keeping your hours up and not waiting until the very end of your five-year CoC to work on your CPD. With so many opportunities for CPD over the next few months, I am sure that there will be something there for everyone.

John Crawley has been busy organising the CCNZ / Institute of Quarrying Inaugural Combined Charity Golf Day, along with a highly active committee, comprised of Phill Rich, Dave Bainbridge, Dan Francis, Stewart McSkimming, and Keri Harrison. Thanks to all for giving up your precious time to help make this day a great success. Details of the event below: -

We are excited to announce that the full net proceeds of this year's event will go to the Canterbury West Coast Air Rescue Trust. Mark your calendar for Thursday 17th November at the Templeton Golf Club. Flyer/entry forms will be issued in October. Donations of prizes for the golf and also raffles would be greatly appreciated, with all sponsors acknowledged, and we also have a limited number of hole sponsorship opportunities remaining @ \$1,000 each, which includes and guarantees your entry for a team of 4. Any enquiries to John Crawley 027 2905340/ [john.crawley@speirsgroup.co.nz](mailto:john.crawley@speirsgroup.co.nz)

I will finish this quarterly report with the annual "Take A Kid Fishing" event, returning to the Groyne Lakes on Sunday 16 October after a 3-year Covid induced hiatus. This is a hugely popular event, with several hundred salmon and trout dropped into the lakes just prior to the event. It is a great (free) family day out, with children under 12 years eligible to fish, plus lots of displays and other things to do. The Kids Fishing Trust run the event, with tremendous support from sponsors and volunteers. Fish and Game provide a blanket fishing licence for the day, and a number of rods are available to borrow if you do not have your own. The major sponsor is the "Isaac Conservation & Wildlife Trust," so there is a close association with Isaac Construction and many of our members. Check out our Facebook page for full details.

We look forward to the next quarter and it is fast approaching. Please look after yourself and your work mates.



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## Educational Report by Paul Sutton



Over the past 40 plus years I have heard a lot about continuing professional development and the value it brings to an employee, employer, and the industry. I believe I've also heard every excuse in the book for why an employee will not involve themselves in continuing professional development e.g. I don't have the time; I don't need it as I have been doing the job for so long that I know all I need to know; the boss won't organise it for me; the organisation I work for won't pay for it etc. Given that continuing professional development is aligned to your career path, I strongly believe that it is the individual's responsibility to manage their continuing professional development. Knowing that we can change careers/jobs 5 to 6 times (at a minimum) in our working life, it stands to reason that individuals need to identify what the megatrends are for the immediate future, work out how these megatrends will impact on their current job and career path, will their role/job still exist, and undertake continuing professional development to meet the challenges of the megatrends so that you are 'job ready' or 'future ready'. From my understanding and experience, employers want employees to hit the ground running when they recruit; they do not want to start the employment offer by training the employee.

The Commonwealth Scientific and Industrial Research Organisation (CSIRO) produced a global megatrends report in 2012. These megatrends helped inform long-term strategic and policy directions for many organisations across the world over the past decade. The events of the global COVID-19 pandemic, the Ukraine crisis and the flow-on impacts to global trade have been recent additions. These changes have had a substantial impact on businesses, communities and governments across the world and exposed new risks and opportunities.

The CSIRO has recently released its 2022 global megatrends report which outlines the identified megatrends through to 2042. This work explores how the previous megatrends have evolved over the previous decade as well as the new trends, impacts and drivers that have emerged over this period, providing a perspective around how these trends may unfold in the coming decades.

The 2022 report identifies **seven (7) megatrends** (Diagram 1) that organisations need to be cognisant of as we march through the next twenty (20) years.

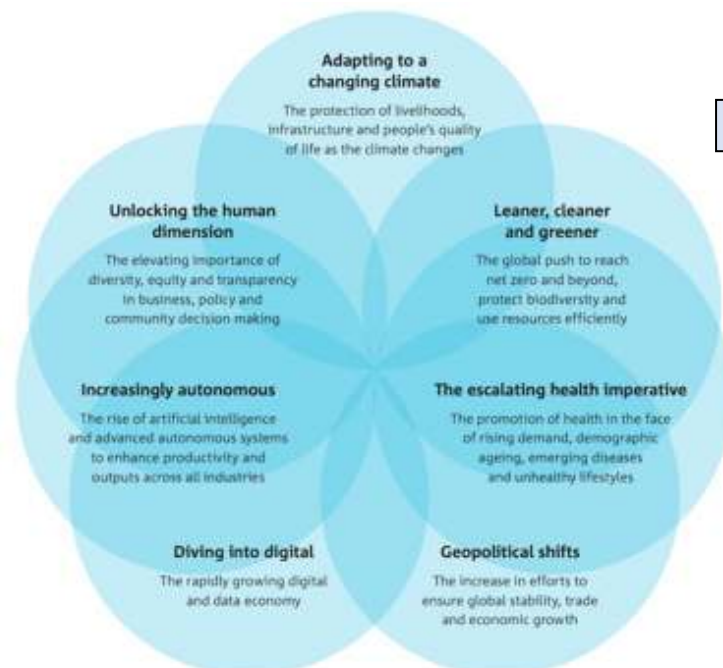


Diagram 1







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## 2022 Award Winners

### Winstone Aggregates Safety Award



The Winstone Aggregates Safety Award is awarded to Waiohahi Contractors Ltd's **Blue Rock Quarry**. The award was accepted by **Mike James** [centre]

This year **Waiohahi Contractors Blue Rock Quarry** was the recipient of the **Winstone Aggregates Safety Award** for 2022 which is awarded to the "quarry operation" judged to have implemented an improvement or idea resulting in a shift change in the engagement or participation of the workers on site.

Waiohahi Contractors have adopted a new system for incident, near-miss, site audits and vehicle pre-starts which can be completed on an app using a smart phone or tablet on site. Blue Rock Quarry lead the way in the trial of this app and developed it with the support of the workers on that site to a stage of companywide implementation programme.

### Lyn Jordan Memorial Trophy



**Kurt Hine** [left] receives the Lyn Jordan Memorial Trophy for 2022.

The **Lyn Jordan Memorial Trophy** for "best technical paper" was awarded this year to **Kurt Hine, General Manager of Stevenson Aggregates Limited**. His paper entitled "Engaging our Community—A proactive approach towards stakeholder engagement" was highly commended by the judges. Congratulations Kurt!

### WorkSafe Chief Inspector Extractives Safety Leadership Award



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 **Waiohahi Contractors Ltd** with the rollout of their new system for incident, near-miss, site audits and vehicle pre-starts all completed on an app using a smart phone or tablet on site. This has been rolled out to all branches of Waiohahi Contractors where progress and improvement can now be easily measured down to branches, divisions and single employees. Well done Waiohahi Contractors Ltd!

### Terra Cat Travel Award



**George Kelcher** [right] accepts the Terra Cat Travel Award on behalf of winner **Dylan Kelcher**

This year **Dylan Kelcher** was awarded the 2022 **Terra Cat Travel Award**. This award is a \$3,500 travel grant for the operator that has consistently shown the most dedication and commitment to the quarrying industry. The nomination recognised Dylan's contribution to the quarrying industry and highlighted his ability in managing a team and plant and his role in creating and maintaining a successful team environment, all of which leads to successful outcomes. Well done Dylan!



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## 2022 Award Winners

### R D Hased Memorial Trophy



Mike Higgins [left] receives the R D Hased Award on behalf of winner John Crawley

The 2022 **RD Hased Memorial Trophy** was awarded to **John Crawley** who has made the most outstanding contribution to a branch over the past 12 months. John receives this award for his unequivocal dedication to the Canterbury Branch as Secretary/Treasurer for a number of terms and more recently, Events Co-ordinator. His ability to communicate to the wider sector of the industry from upper management to operators is outstanding and he has made a significant contribution to the Canterbury Branch and beyond.

We value you John for your hard work and your dedication. Congratulations!

### IOQ NZ Award



OZ Harvey [left] accepts the IOQ NZ Award on behalf of **Peter Morgan**

The **Institute of Quarrying (Inc.) Award** recognises a retiring President at the end of his tenure on the New Zealand Council. The IOQ NZ Award recipient for 2022 was **Peter Morgan** after completing his term in office.

Peter has been a valued Otago/Southland member for many years. He was elected to the IOQ NZ (Inc.) Executive in 2009 and served as Vice President for two years, President from 2017-2018 and Past President 2019-2022. Peter you have been a great leader in your time and a great mentor and support for those on the Executive.

### Porter Equipment Quarry Leadership Award



The **Porter Equipment Quarry Leadership Award** is presented to an Institute member who has achieved 10 or more years membership, holds a management position within the quarrying industry and has made a valued contribution to the Institute. The award recipient for 2022 is **Gordon Laing** from Ihumatao Quarries Ltd. Gordon has been a member of the Institute of Quarrying since joining in 1996 (UK). He transferred to IOQ NZ (Inc.) in 2000 and in 2007 he was elected to the IOQ NZ (Inc.) Executive, where he has served for the past fifteen years. He was the National President from 2013 to 2015, and has been retained on the Executive as Technical Advisor, after his term of office as Past President was completed in 2017.

### IOQ NZ Award



**John Quayle** [above] receives the IOQ NZ Award

The **Institute of Quarrying (Inc.) Award** recognises a long-serving member who is held in high regard because of a long period of outstanding service. The recipient of the **IOQ NZ Award** for 2022 was **John Quayle** from MIMICO. John has been a valuable member of the Institute of Quarrying for over 30 years and has held numerous positions of Executive Board Member, Branch Chair, Local Conference Chair, Branch Committee member and the list goes on. Your valuable contribution over the years John has been exceptional!



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## 2022 Award Winners cont..

### AJ and RJ Loader Sponsors Shield



This award is in the form of a shield donated by Andy and Raewyn Loader. Andy was a Past Chairman of the NZ Institute and the trophy is for the **best sponsor's display at each Annual Conference**.

The 2022 winner was **A & G Price Ltd**.

Thanks for once again participating at the QuarryNZ Conference.

## 2022 AQA Mimico Environment & Community Award



Ian Wallace [left] from Winstone Aggregates receives the MIMICO Award from Garth Taylor.

The **MIMICO Environment and Community Award**, was judged by Bernie Napp and awarded to Winstone Aggregates at the 2022 conference.

Congratulations!

## 2022 Quarry & Mining Award



The 2022 Quarry and Mining Award was presented by Alan Titchell to **Jason Blair** (left), Lisa Wakefield (centre) accepts **Bonnie Walker's** award, and **Zak Reilly** (right).





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## IOQ NZ Mini-Online Leadership Courses



The IOQ NZ offers mini-online leadership courses you can complete in your own time.

These include:

- ♦ **Mini-Online Course 1**  
Exploring Ethics in the Workplace
- ♦ **Mini-Online Course 2**  
Ethics and Organisations
- ♦ **Mini-Online Course 3**  
Ethical Leadership

**Duration:** 6 hours  
**CPD Hours:** 6-hours Unrestricted.

**Cost:** \$100 IOQ NZ Member  
\$200 Non-Member

These mini online courses can be found in our IOQ NZ Store for purchase at any time.

**To register or to view the information sheets**—please click below:

<https://ioqnz.co.nz/shop/product-category/webinars-courses/>

## Training Opportunities



The following training opportunities are available to all IOQ NZ Members in the months of September, October and November.

### 28 September 2022 IOQ NZ Webinar

The Basic of Strategic Thinking to Manage the Future

### 13 October 2022 IQA Webinar

Intro to Safety Management Systems

### 25 October 2022 IQA Virtual Workshop

Quarry Products Technical Training

### 26 October 2022 IOQ NZ Webinar

Project Management Skills for Leaders

### 3 November 2022 IQA Half Day Virtual Workshop

Slope Stability for Operators

### 3 November 2022 IQA Online Workshop

Electrical Awareness

Click here to register for [IOQ NZ](#) training  
Click here to register for [IQA](#) training \*

\*Note: 2022 Prepaid Webinar packages cannot be used for IQA online training.



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## 1. REMINDER FREE TRAINING FEES – UNTIL 31 DECEMBER 2022

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 until 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).

In addition, the New Zealand Certificate in Mining and Quarrying (First Line Supervision) – Surface (Level 4) qualifies for Apprenticeship Boost meaning that you may receive \$1,000 per month for first year learners and \$500 per month for second year learners. This scheme expires in August 2022 so there is still time to take advantage of these incentives.

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

**2. 2023 TRAINING FEES** — The Government's Targeted Training and Apprenticeship Fund, which commenced in July 2020, is covering the training fees for all apprenticeship and selected traineeship programmes until 31 December 2022. From 1 January 2023 MITO will resume charging training fees to employers.

For learners enrolled in MITO training programmes with annual training fees, employers will receive an invoice in January which will cover the period to the 'anniversary date' that each learner signed into their training agreement, and then invoicing will occur annually from that 'anniversary date'. For example, for an enrolment that started on 1 June, the employer will receive a fee invoice in January 2023 covering the period 1 January 2023 to 31 May 2023, then an annual invoice will be sent in June 2023 to cover the period 1 June 2023 to 31 May 2024 and annually thereafter.

For learners enrolled in MITO training programmes with fixed fees which commenced in 2022, employers will be invoiced a pro-rata portion of the training fees from 1 January until the expected completion date, except for learners who are expected to complete their programme prior to 1 March 2023.

New enrolments in 2023 will be invoiced the full training fee on the date of enrolment. If you would like to know what the 2023 fees will be, we have added the fee to each programme on the website.

**3. GREAT OPPORTUNITY TO INTRODUCE SECONDARY STUDENTS TO THE EXTRACTIVES INDUSTRY!** Our RockUp® micro-credential, for secondary students to complete while they are at school, is a great way to expose youth to the mining and quarrying industry. If you would like to host a student in 2023, please contact our Vocational Careers Advisors via email [vca@mito.org.nz](mailto:vca@mito.org.nz).

More information about RockUp can be found [here](#).



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#### 4. MITO TRAINING ACTIVITY

MITO learners engaged in total over the year - data as at 26 August 2022.

Programme	Number of learners 2022 (YTD)
A Grade Surface Extraction	35
A Grade Tunnel Manager	3
B Grade Surface Extraction	105
B Grade Tunnel Manager	8
Incident Investigation	14
Risk Management	-
RockUp micro-credential	8
Safety Critical Explosives Knowledge	1
Safety Critical Surface Manager	1
Safety Critical Underground Manager	-
Surface Extraction Level 2	45
Surface First Line Supervision Level 4	6
Total learners	226

#### 5. NZQA QUALIFICATION COMPLETIONS

MITO's standard-setting and qualifications development functions have now transferred to Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council. Information about qualifications, completions and unit standards can now be obtained from them. Their website is [www.hangaarorau.nz](http://www.hangaarorau.nz), email [info@hangaarorau.nz](mailto:info@hangaarorau.nz).

#### 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. To ensure that learners have sufficient time to complete the programmes leading to these qualifications, the last date of entry into each programme is shown below.

Code	Qualification name	Expiry date	Last date of entry
1535	National Certificate in Extractive Industries (Mining Administration B Grade Tunnel Manager)	31 December 2023	30 April 2022
1536	National Certificate in Extractive Industries (Mining Administration Surface Extraction B Grade)	31 December 2023	31 December 2022
1537	National Certificate in Extractive Industries (Mining Administration Surface Extraction A Grade)	31 December 2023	31 December 2022
1538	National Certificate in Extractive Industries (Mining Administration A Grade Tunnel Manager)	31 December 2023	30 June 2022



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## MinEx Update

By Wayne Scott (CEO)

The revised Mining and Quarrying Regulations have been enacted and have taken effect progressively from 18 July 2022. MinEx has developed a number of templates to assist quarry operators including a simple Health and Safety Management system, a Principal Hazard Management Plan, competency assessment forms, and Workplace inspection forms. Contact us for copies of these and/or assistance with the revised regulations.

MinEx workshops are almost completed for 2022 with the final workshop to be held in Gisborne during October. 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 of our 2023 workshops. [www.minex.org.nz](http://www.minex.org.nz)

We are currently conducting a review of incidents involving Articulated Dump trucks (ADTs). The purpose is to ascertain common causes and/or failure of controls that contributed to these incidents. We will be working closely with WorkSafe, who are also conducting a review of incidents involving mobile plant and will share our findings once the review is completed.

The Extractives Industry Training Advisory Group, within MinEx, is currently discussing a review of extractive sector qualifications with our Workforce Development Council, Hanga-Aro-Rau. The review will commence with meetings in late September and October.

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](mailto: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.

## Upcoming MinEx Workshops

27 October 2022

Gisborne

Registrations close 23 October 2022

### UPCOMING TRAINING NZ MINES RESCUE Location: Huntly

#### CIMS 4 Course

Mines Rescue is offering a CIMS 4 Course in Huntly on **27 & 28 September** with a particular focus on opencast mining, aggregates and quarrying.

It includes:

- 32158 Demonstrate basic knowledge of New Zealand's Coordinated Incident Management System Level 3, 2 Credits
- 29553 Demonstrate operational knowledge of New Zealand's Coordinated Incident Management System functions and structure Level 4, 2 Credits,
- 29554 Apply operational knowledge of New Zealand's Coordinated Incident Management System Level 4, 2 Credits,

#### Human Factors

Mines Rescue is offering a US: 26855 Human Factors Course in Huntly in **late October**.

Human factors Knowledge increases the effectiveness of the design and implementation of risk controls in the workplace. This course provides a base knowledge of concepts and principles related to human factors and their effect on workplace practice and the effectiveness of risk controls.

US: 26855 Analyse Human Factors present in workplace practices at an extractive site level 4 credits 10

Cost: \$850.00 GST Excl.

Register your interest with:

Colin McDonnell

NZ Mines Rescue

[colin.mcdonnell@minesrescue.org.nz](mailto:colin.mcdonnell@minesrescue.org.nz)

Cell: 021 1938863



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## WORKSAFE NEW ZEALAND | MAHI HAUMARU AOTEAROA

### Mining Board of Examiners

The BoE enters a busy year as with the introduction of the new regulations for the competency requirements for the Extractives industry. The requirements are now required to be published in a Safe Work Instrument (SWI) and not gazetted as was the previous requirement.

In some ways this is quite simple to do, and for those in the industry it should make it easier to understand the requirements. This change comes into effect on 28 July 2023.

SWIs can be updated to reflect changes as often as required. There will be one up to date SWI that prescribes all the current competency requirements.

Those who have tried to understand gazette notices know there are currently seven notices which need to be read together to understand the current requirements. It is a quirk of legislation that gazettes are lasting – to make an amendment a change is formally issued separately from the original notice, meaning you need to read the original and then apply the change. This is difficult and unsuitable for the average person wanting to understand what unit standards and experience is required to gain a Certificate of Competence (CoC). WorkSafe does publish explanatory notes to assist industry, but the more formal legal prescription remains in multiple gazettes.

Consequently, WorkSafe supported the change to an SWI. The need to look up multiple gazettes will end on the 18<sup>th</sup> of July 2023.

WorkSafe will consult industry on the contents of the SWI. Details of the consultation will be communicated soon.

As the current gazetted requirements have not been updated for several years there will be several changes needing to be considered in the change from gazettes to SWI. For instance, a unit standard number may have changed, or a unit standard may no longer be available – these

general maintenance issues will need to be addressed when writing the SWI.

Based on feedback, other updates of the content of the CoC requirements will likely be suggested. There is the need to remove explosive handling related unit standards from the basic Quarry Managers' CoC and creating an endorsement which any CoC holder can acquire.

In the meantime, the existing CoCs remain valid, including those managers who already have explosives unit standards (and who will automatically acquire the explosives endorsement). We stress that those with existing CoC's will continue to retain them.

As work is being carried over the coming months industry will be updated of what is being proposed.

## WORKSAFE NEW ZEALAND | MAHI HAUMARU AOTEAROA

### NZ Mining Board of Examiners

Nominations are now open for up to four positions on the New Zealand Mining Board of Examiners.

WorkSafe is seeking people with extractives industry knowledge, experience and leadership in one or more of the following areas:

- operations
- health and safety inspections
- education and industry training.

Appointments are for up to three years.

There are usually six meetings a year, the majority of which are held remotely (online). Board members may also be called upon to participate in various working groups or sub-committees.

Applications close on Wednesday 12 October 2022.



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## New jaw crushes bottle neck for Stevenson Aggregates

Stevenson Aggregates' Drury quarry recently upgraded the capability of their operation, installing a new Metso Outotec Nordberg C120 jaw crusher to replace an older model Universal 42" x 32" jaw crusher.

MIMICO was engaged to review the existing primary crusher and recommend a replacement for their aging jaw crusher. The existing jaw crusher had become a bottle neck to production and needed to be replaced.

After extensive review a Metso Outotec Nordberg C120 jaw crusher was recommended.

"We reviewed the primary and secondary process using Metso Outotec's Bruno simulation software and found the Nordberg C120 was a great match with Stevenson Aggregates' existing Metso Outotec GP300S. The ability to take a larger feed size, easy setting adjustment and automation made the Nordberg C120 an obvious choice," explains Garth Taylor, MIMICO's Crushing & Screening Business Manager.

"The C120 has a maximum feed size of 700mm from a large feed opening [of 1200mm x 870mm] that gives a hefty material intake and ensures the rocks enter the jaw crusher's cavity without restrictions," explains Taylor. "Cavity, kinematics, and operating parameters have been defined and optimised to ensure the outstanding performance which Nordberg C Series jaw crushers are known and valued for."

"Crusher height gives the steepest possible cavity cross section, and the nip angle high up in the cavity, together with an aggressive, well-aligned stroke at the bottom, ensure high throughput capacity and reduction, resulting in high production levels for Stevenson Aggregates."

Stevenson Aggregates also has a positive, long-standing relationship with MIMICO and the Metso Outotec brand. "When looking at our options, the MIMICO/Metso Outotec offering was the standout," said Kurt Hine, Stevenson Aggregates' General Manager. "We've operated Metso Outotec C Series jaw crushers in our mobile fleet for decades and we can trust the expertise and support provided by MIMICO."

Metso Outotec's Nordberg C Series range of jaw crushers, distributed in New Zealand by MIMICO, are engineered for the toughest feed material in the primary crushing stage. The C Series product family consists of nine models of different sizes.

**Contact your local MIMICO sales professional if you'd like to find out more.**

**Phone 0800 646 426 or visit [www.mimico.co.nz](http://www.mimico.co.nz)**





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## Inspiring Future Foundation—Grants Available



### INSPIRING FUTURES FOUNDATION

The Inspiring Futures Foundation provides financial support and educational advancement opportunities for those working and studying in the automotive, transport & logistics, drilling, mining & quarrying, and gas industries.

Inspiring Futures Foundation grants are available for advancing the education and training of those working and studying in our industries.

APPLICATIONS OPEN ANNUALLY:

# 01 Sept – 31 Oct & 01 Mar – 30 Apr

Visit [inspiringfutures.nz/grants](http://inspiringfutures.nz/grants) for more information and to apply





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
Nick Hornblow	Associate	Canterbury
Dean Hurley	Member	Canterbury
Selwyn Tilly	Associate	Northland
Sam Shepherd	Transfer from IQUK	Wellington
Marcus Bland	Associate	Auckland
Cameron Vernon	Associate	Auckland
Robert Pearson	Member	Otago/Southland
Ratu Tuilawalawa	Technical Member	Auckland
Tom Newman	Member	Marlborough/Tasman
Gary Besenyi	Member	Canterbury
Reece Clements	Associate	Central Districts
Adrian Atkinson	Member	Wellington
Andrew Schroeder	Associate	Waikato/BOP
Hayden Satherley	Member	Central Districts

