



The Institute of Quarrying NZ (Inc.)

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Executive Committee 2023/24

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Vice President:

Mr Chris Gray

Immediate Past President:

Mr Dean Torstenson

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Mr Neill Kydd
Mr Lance Gosling
Mr James Blacklaws
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"Advancing the fellowship, development, and professionalism of our members and enhancing the image of the extractive industry"

Presidents Report

Welcome to the Spring newsletter.

After a tough winter it is great to see the days getting longer with everyone's spirits starting to lift and looking forward to Summer. It has certainly been a busy few months with the QuarryNZ Conference setting new attendance records and the conference programmes continuing to deliver high quality relevant material. The proof of the success of the conference was also highlighted by the comments from our international guests who could not believe how a country with such a small population and industry could achieve the attendance levels we did and run such a professional conference. Thanks to the AQA for encouraging these guests to stay on and give us insight to some of the international issues. It was interesting to hear how they had regulations and standards set across numerous countries and governments with a common goal. So maybe there is still hope yet for us to get our own consenting and planning processes sorted.

A big thanks to conference organisers who continue to raise the bar and to our supporters who make this all possible. I encourage you to support these suppliers where possible.

The CoC review has been the centre of conversation for many in the industry. For various reasons what should have been a straight forward review to make subtle changes certainly got complicated. You can read more about this in Paul Hunt's article. It is also worth noting the amount of work done behind the scenes by organisations and individuals who put in submissions and gave their time make sure industry had an opportunity to be heard. IOQ NZ (Inc.) and AQA worked together to make sure industries concerns were acknowledged while representing our individual organisations. There is some irony to the changes and extra units now required.

There has always been the argument that the CoC did not teach all of the subjects to make a Quarry Manager. So maybe we are getting there albeit by default.

We have representatives on the working group with Hanga-Aro-Rau and Te Pukenga looking at the implementation of the new qualification frame work. One intention of the change is to deliver flexible training models including regional workplace learning and assessment. There are some promising changes being proposed with Micro learning credentials. This allows for small packages of learning made up of a limited number of units to be put together to make a qualification. These can then be combined to achieve something like the CoC qualification. As expected, there are some issues to be worked through. There are questions regarding the delivery of training and how this will be achieved in the workplace. There are also concerns that access to training material is being restricted. IOQ NZ (Inc.) and AQA have formally raised the issue and are working with Hanga Aro Rau and Te Pukenga to find a resolution. If you do have issues with accessing training, please bring it to our attention.

Paul Sutton has been working on our funding projects with training modules being written and research programme underway. Thank you for those who are taking part in the research.

It has been interesting to observe the response following the floods in Napier and Gisborne. The talk of rebuilding of infrastructure and resilience has been front and centre with some very large numbers being indicated in regards to investment dollars and volume of aggregate required. One of the positive outcomes has been the engagement from the Napier Regional Council.





Presidents Report cont

There have been several meetings with industry regarding the availability of aggregate and how to identify what material is available and where it is located. One of the key points raised was that there is a need to get accurate information for all of the river systems to ensure these requirements can be met while protecting supply for existing demand. It is important we take these opportunities to make our case heard.

In closing it is always good to take a moment to remember what we have achieved. We are producing more product with less staff to tighter specifications and considerably increased controls and restrictions across all of our operations. It is important we recognise the implications of meeting these demands both in production and staff. A Quarry certificate issued by the mines department in the 1940s reads safety is the first consideration and the regulations in the 1950s written on cloth states vigilance is the price we pay for safety. So, let's look after our staff and ourselves.

Tim Kennedy
IOQ NZ (Inc.) President



NEW

FRIEND OF THE IOQ

We are pleased to announce that Porter Group have become a Friend of the IOQ in 2023.

WELCOME ABOARD!



QUARRYNZ CONFERENCE

ROTORUA

17-19 JULY 2024

TRAINING OPPORTUNITIES



**IOQ NZ
Webinars**

27 September 2023
*Alternatives to Traditional
Extractive Methods*
9am

TBC November 2023
Webinar: Doing Retirement Well
TBC

[Book here:](#)

**IOA
Online Learning**

10 October 2023
Online Workshop
Verification of Competency

17 October 2023
Webinar
Fatigue Risk Management &
Awareness

19 October 2023
Online Workshop
Intro to Quarrying

24 October 2023
Online Workshop
Plant & Equipment

25 October 2023
Online Workshop
Contractor & Supplier Safety Mgmt

Click here to register for
[IOA](#) training



Northland Branch Report

Coming out of a very wet winter with water tables overflowing, don't believe I have ever seen ground conditions so saturated, which is definitely contributing to Northlands road potholes and pavement failures. Hopefully we get a dry summer to rebuild our roads, perhaps if they cut back on the cone people and spend money on metals, we might have success.

We had a Technical evening in Waipapa 28th June sponsored by Gas & Tyre, guest speaker Jon Tomsett from Cirtex spoke about there silt control products and importance of managing storm water. Gas & Tyre representatives spoke about have the correct tyre for the job.

Next technical evening was combined with our annual AGM at Porter group 29th August, Guest speakers Pete Harding & Arno from NZ Police CVST unit. Questions were around who's responsible for overloading vehicles, loader driver or truck driver, clearly its truck driver. Porters speaker spoke on crushing and screening plant options.

AGM was held with the election of Chris Trainer (Winstone's) to committee. With Murray Smith stepping down from Chair, for election of Philip Dreadon as Chair. Murray to stay as Vice Chair.

Next committee meeting is 12th September to welcome Phil into his new role, and to organize our bowls game for end of year get together 18th November.

Well, its election year to govern this land of milk and honey? Is Winston going to be that large rock jammed in the crushing plant? I had better stop there!

I am sure everyone will make the right choice in their own right. Tighten the belt and hang on.

Murray Smith



Otago/Southland Branch Report

Last month the Otago/Southland branch had the privilege of visiting Oamaru Shingle Supplies to tour their new plant before travelling to Road Metals Oamaru's Corbett Road Quarry and then onward to the new Road Metals workshop and offices where we had our AGM. Thank you to the teams at both Oamaru Shingle Supplies and Road Metals Oamaru for the experience and your hospitality. Thank you also to TDX for their sponsorship of a great evening had by all.

The branch AGM saw the election of Richard Sutherland from International Speciality Aggregates as Branch Secretary, succeeding Daniel Bristow who has moved outside our region. Richie brings years of experience in the aggregates industry and is a familiar face to many within our branch. We look forward to his support and guidance during his tenure in the role.



Jason Blair—Otago/Southland Branch Chair

Auckland Branch Report

By: Lance Gosling
Auckland Branch Chair



In the last few months, Auckland Branch have covered off our AGM as well as a technical evening, each generously hosted by a local supplier to our industry.

In June our AGM was held at TDX's yard in Wiri, where we held election of officers for Chair and Secretary. This year the successful candidates elected to these positions were Lance Gosling and Aaron Graham, respectively. The existing committee members were re-elected, with the exception of Luke Balsillie who did not stand again.

TDX gave us an introduction to Volvo's innovation in machine management. This gives the ability for the OEM to monitor various machine operating parameters, reporting back to the local service agent, giving them a better understanding of what has faulted on a machine prior to going to site to check the machine in person, which provides better efficiencies and a timelier manner of repair.

After the AGM we were fortunate to have Paul Hunt talking on his perceptions of the quarrying industry and areas WorkSafe would be focusing on moving forward, after the latest round of new regulations were to come into effect in July. He updated us on the CoC changes, especially defining A and B Grade operations and the changes of new unit standards that would be relevant when applying for new CoCs. He said the recent workshops that WorkSafe had conducted around the country had been very successful, for providing a better understanding of safety management systems required for those operating B Grade quarries, to ensure they comply with the new standards. Paul said WorkSafe's focus would be to continue educating operators on their expectations but there would come a time when stronger enforcement would be needed to ensure satisfactory compliance by all operators across the sector.

In August we held a technical evening focusing on health & safety, where we were hosted by Athenry Electrical. Presentations were given by Adam Kane, NHP Electrical Engineering Products NZ, on machinery guarding and safety standards. We also had Satendra Deo, Schneider Electric Australia and Ricky Holton, Schneider New Zealand, talking on arc flash dangers and controls, especially relevant to our industry in electrical cabinets and motor controls. We were fortunate Ricky had organised for Satendra to come over from Australia specially for our event which we were very grateful for. Stuart Heslop, WorkSafe Inspector, gave a more in-depth update of recent regulation changes. Stuart said there had been a positive uptake of evidence gathering for the new requirements of quarry operations for site and machinery checks and documenting of principle site hazards and they were willing to help get operators up to speed with the new requirements.



We are looking forward to our annual social event, go kart racing in September and have a full contingent of teams of quarries and suppliers taking part. In October we are heading to Stevenson Aggregates' Drury Quarry for a site tour and in November we will have our Jim Macdonald Tour event sponsored by Metso and MIMICO with Tegan Smith to present on changing quarrying perceptions. This event was cancelled earlier in the year, so we are pleased to have Tegan available to present to Auckland Branch while she is in New Zealand.

Thanks to all our sponsors for hosting our events and ongoing support.



Lower North Island Branch Report

Finally we are seeing some long awaited sunshine in the Bay regions.

The Boffins are telling me we are heading into a blistering drought and while it won't suit everyone I for one am looking forward to the heat.

This has raised some interesting debate around the escalation of extreme weather patterns, having experienced Gabrielle I can see their point.

At the very least we should be considering what this will mean for future infrastructure work around the country and how we will need to be agile to spot coming trends.

Being an election year it is still up in the air but it seems as though no matter who's in charge infrastructure will remain a key component.

As the initial Government emergency package has run dry in Hawkes Bay, teams of silt trucks are now being called away despite millions of tonnes of silt remaining in place.

Fingers are crossed that this is a change in tack from the initial emergency recovery to looking at the rebuild, as business owners we should be doing the same.

Best of luck

Matt Webster
Central Districts Chair

Marlborough/Tasman Branch Report



Things have been rather quiet on the Marlborough Tasman front as the gloomy weather and winter has kept everyone hunkered down.

A shining light was a good representation by the region at conference and what a terrific event it was and good to be back in Christchurch. The venue and close at hand accommodation were second to none.

Well done to the organising committee and to all the other volunteers.

As I have said things have been quiet and the Marlborough side of the branch had to postpone our emergency re-enactment scenario to a date coming soon.

James Blacklaws who was recently voted to the Executive board will host a meeting soon at the Appleby quarry which will showcase there silt press and a bit of new kit they have floating around.

We will notify you all of the upcoming events to happen in the next couple of months.

Hope this finds you all well and this may be the beginnings of a dry summer.

Neill Kydd
Marlborough/Tasman Branch Chair



CONGRATULATIONS!

Spike Petersen

For winning the IOQ NZ merchandise pack at conference

Christopher Brown
New Member

For winning an IOQ NZ clothing item of your choice
(due to applying for membership at conference).

Canterbury Branch Report

By: Troy Adamson
Canterbury Branch Chair



As this is my first report as Chair, I need to firstly thank Keri Harrison for her tenure as previous Chair and to Nick Bartley for his work as our departing Secretary/Treasurer. They both remain on the local committee, and I look forward to continuing to work closely with them and the other committee members.

We did see an uplift in committee numbers following the AGM in May, which is great and gives the branch extra depth and support, as we all get busy at times.

We have also had some new members join the IOQ NZ since the AGM bringing our branch total membership base up to 83 financial members.

It was certainly great to host the annual QuarryNZ conference here in Canterbury with yet again a record turnout. The facilities of the new conference centre were outstanding to say the least. Special thanks to Isaac's, Fulton Hogan, and Road Metals for allowing and making available the sites to be visited for the Thursday field trip, as I feel this is a fundamental part of the conference getting out and amongst physical operations. Thanks to the local committee for helping facilitate these visits and general involvement in preparing the bags for delegates. We must also make mention and thank the wide range of exhibitors and sponsors that help make the conference exist.

A wet winter came and went bringing its challenges along the way and dare I say it, the relentless ongoing challenges the Covid 19 pandemic brings as it still has its hold amongst the community and in the workplace, plus numerous other illnesses present over the winter period.

Canterbury Region and aggregate demand still feels reasonably buoyant, but there is certainly plenty of conversation out there that the general market and region is quieting.

The industry faced and is facing the new legislation around waste minimisation and management of fill sites put upon us from the Ministry for the Environment (MFTE) and the associated tipping levies that came into effect 1st July, which unfortunately in most cases adds additional costs to everyone from supplier through to end user and receiver.

We recently also had the latest addition of the staged updated Quarry Regulations come into effect July 2023, this was the implementation of needing a documented HSMS and if required PHMP's. Also, the specific Alluvial CoC is now available.

CCNZ & IOQ together held a workshop across on the West Coast, which main topic was, Health in the Workplace, with presenters Dr Mary Obele and Sarah Mason. There was a good attendance at this which is fantastic.

A big thanks also to Jason Blair and the Otago/Southland Branch, for extending their field trip and AGM to include the Canterbury Branch, a few of us made the trip down which was great. Also, thanks to Murray and the Road Metals team for providing a venue and refreshments.

Still to come

The weekend of 15th – 17th September, we are holding our annual field trip across to the West Coast which includes visits to a variety of Quarry's and Mines. A big thanks must go to these companies for allowing access for all of us like mined folk to have a good look around their operations. Special thanks to John Crawley (JC) for his organisational skills that always makes the event flow like clockwork.

Finally, we have the annual CCNZ/IOQ charity Golf Day set for Friday 6 October. This also is an exciting social event before the end of year, which dare I say it, is fast approaching!!!

To finish, I would like to thank all the members and committee of our local branch for their support as I've been finding my feet in the role.

Waikato/BOP Branch Report



Short report as am flat out workwise currently especially catching up on all the new changes to the CoC requirements.

I was unable to attend the Christchurch Conference this year but the feedback I have received from clients and members is it was another successful conference. On that note we will be assisting with the Rotorua conference June 2024. A small local committee has been assembled to help QuarryNZ and their contractor with this.

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.

Our first event will be a meeting and presentation session at 20th September to be held at TDX Cambridge, keep an eye out for details in your email.

We held a committee meeting in August and have assembled a tentative plan for the next 12 months as follows:

- **Sept 20th** – Branch meeting, committee induction to members, outline of year events.
Venue: TDX Cambridge,
- **Nov 4th** – Xmas party + golf morning (Taupo)

2024

- **Feb 21st** – Branch tech evening. Venue: C&R, Speakers: Tokin and Taylor
- **March (date TBC)** – Field trip
- **April/May (Friday date TBC)** – Fishing trip
- **April (date TBC)** – Golf Day (Quarryman vs Suppliers)
- **May (date TBC)** – Sponsors Event
- **June (date TBC) 2023** – AGM

November 4th is our planned Xmas function and awards night venue Wairakei, 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.

Lets get in nominations for our awards asap.

- 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 Dylan.

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.

Ray Haley—Waikato/BOP Branch Chair

IOQ NZ Awards

WINSTONE AGGREGATES SAFETY AWARD



Stevenson Aggregates Drury Quarry celebrate winning the Winstone Aggregates Safety Award for 2023.

WORKSAFE CHIEF INSPECTORS SAFETY LEADERSHIP AWARD



A proud moment for Anya Hardy as she accepts the WorkSafe Chief Inspectors Safety Leadership Award on behalf **Winstone Aggregates**

TURNCO NIEMAC JCI ASTEC ACHIEVEMENT AWARD



Nathan Gibbons [centre] of Stevenson Aggregate celebrates winning the Turnco Niemac JCI Astec Achievement Award for 2023. Presented by Lance Cockle (left).

LYN JORDAN MEMORIAL TROPHY



Dr Mary Obele is the winner of the 2023 Lyn Jordan Memorial Award. The award was accepted on her behalf by Canterbury Branch Chair Troy Adamson.

TERRA CAT TRAVEL AWARD



Kerry Schofield [right] of Taylors Contracting wins the \$3500 TerraCat Travel Award.

R D HASSED AWARD



Brad Cobham is the winner of the R D Hased Award for 2023. The award is accepted on his behalf by Shane Burrett [left].

IOQ NZ Awards

CITATION AWARD



Rex Davies [left] from MIMICO is awarded the Citation Award for 2023 in recognition of his Company's long-standing commitment to the IOQ NZ.

The Citation Award is formal recognition of a long-serving member who is held in particularly high regard because of a long period of outstanding service to the Institute. The award is above all a measure of the esteem in which the nominee is held by his colleagues and made in the true spirit of Institute fellowship

Since 1987 this award has only been awarded on five occasions! Previous recipients being Bruce Webster, Keith Niederer, Gib Stuart, Dennis Cochrane and Pat Te Amo so it is truly an honour to receive it.

Congratulations Rex!

RECOGNITION OF SERVICE AWARD



Brian Docherty [centre] is presented the Special Recognition Award at conference. This award recognises Brian's outstanding service to IOQ NZ South Island branches and the wider Institute over a number of years.

The award was presented by Canterbury Branch Committee member John Crawley [left] and IOQ NZ President Tim Kennedy.

AJ & RJ SPONSORS SHIELD



The AJ & RJ Sponsors Shield for 2023 was awarded to WorkSafe NZ for best sponsors display.

AQA Awards

AQA MIMICO ENVIRONMENTAL & COMMUNITY AWARD



Congratulations **Fulton Hogan** for winning this year's MIMICO Environmental & Community Award. The award was presented by MIMICO's Garth Taylor and accepted by Shane Hagai [left] and Phill Houben [right].

QUARRY & MINING MAGAZINE AWARD



Quarry & Mining Magazine Editor Alan Titchall presents awards to **Rebecca Finlay** (Wilsonville Quarry), **Richie Sutherland** (International Speciality Aggregates)ISA)) and **Dylan Kelcher** (Road Metals Oamaru).



ConCove Funding

"The project's aim is to predict the trends that will impact the quarrying industry in New Zealand with the view to guide quarrying practice, inform vocational education, and strategic policy directions across our government, Hanga-Ara-Rau, the quarrying industry and its suppliers and stakeholders."

"The final report will be completed in early 2024."

**To view the
Microlearning Modules**

Scan the QR code:



Educational Officer Report

By: Paul Sutton

ConCove Funding: Institute of Quarrying New Zealand's Futures Research Project

The IOQ NZ has been successful in securing funding from ConCove to conduct a Futures Research Project. The project's aim is to predict the trends that will impact the quarrying industry in New Zealand with the view to guide quarrying practice, inform vocational education, and strategic policy directions across our government, Hanga-Ara-Rau, the quarrying industry and its suppliers and stakeholders.

The purpose of the Institute of Quarrying New Zealand's Futures Research Project is to answer the following questions:

1. What are the **possible futures** of the New Zealand Industry by 2030?
2. What are the **drivers of the future** that will impact the future of the New Zealand Quarrying Industry by 2030?
3. What **strategies** must be developed and actioned by the industry bodies and regulators to address these drivers by 2030?

The research will explore how previous trends have evolved and impacted on the quarrying industry as well as the new trends, impacts and drivers that have emerged (or are predicted to emerge), providing a perspective around how these trends may unfold in the coming decades. These trends will inform the evaluation of current vocational education/continuing professional development training programmes and the development of new vocational education/continuing professional development training programmes.

The outcomes of this research will investigate different scenarios from doing nothing to implementing strategies developed to address the drivers identified. It is hoped that this research will provide sufficient data to leaders in the industry to make the required changes to make the industry sustainable.

The final report will be completed in early 2024.

Inspiring Futures Foundation (IFF) Funding: Institute of Quarrying New Zealand Course Development and Facilitation

The IOQ NZ has been successful in securing funding from the IFF to develop and facilitate the following courses:

1. Worker Health
2. Emergency Management
3. Extractive Planning
4. Quarry Consenting
5. Safety Management System

Course development will be finalised in early 2024 with facilitations rolling out soon after.

WorkSafe New Zealand: Microlearning Modules: It is pleasing to note that WorkSafe New Zealand has developed a suite of microlearning modules. As an educator, I am a strong advocate for microlearning. It is a highly effective strategy for anyone looking to improve their knowledge and skills in a short space of time. This learning strategy aims to provide learners with the necessary information at precisely the right time.

Eight modules are currently on offer:

- Safety basics
- Wearing a seatbelt
- Reversing into a tipping position
- Raising a hoist
- Machine capabilities and technology
- Fit for purpose and service
- Tip head design
- Open edge protection

You can try out the learning topics by visiting the WorkSafe New Zealand website or scanning the QR code here.

If you have any questions please email me at paul@foresighttd.com.au. Keep safe and well.

New IOQ NZ Executive Board Members



Daniel Le Roux

Following the completion of his Engineering Degree, Dan has spent over 15 years in the quarrying industry. His career started with Winstone Aggregates as a Graduate, and with an A-Grade CoC, Dan is now the Business Manager for Rodney Aggregates Supplies. Dan enjoys the variety within the extractives industry and is excited about working with the executive team to pave the future.



Troy Adamson

Troy Adamson is currently Fulton Hogan's Pound Road Quarry Manager based in Canterbury. He has 20 years' experience in the quarry industry managing both Hard Rock and Alluvial operations. He holds a New Zealand Diploma in Mining and Quarrying Supervision, an A Grade Quarry managers CoC and a few other national certificates in extractives and engineering. Troy is very passionate about the industry and is a Fellow member of the IOQ and was recently elected Chair of the IOQ Canterbury Branch.



James Blacklaws

James Blacklaws is currently Fulton Hogan's Quarry Divisional Manager based in Nelson. He holds an A grade Quarry Managers certificate and enjoys all aspects of quarrying especially developing staff through the industry. James is passionate about health and safety and has been an active WorkSafe COC panel member since 2018.



Gary Payne
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Web: www.finlaygroup.co.nz
Tel: 0800 Finlay

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APP Download Instructions

1. Go to your APP store or Google Play and download the **1 Team App** as per picture above.

2. Once the APP is opened – click in the top right-hand corner of the screen where it says **Login**.

3. Click on **Register Acc.**

4. Enter your first name and last name, email address, unique membership number (refer to email sent), enter a password of your choice and confirm your password.

5. Click Create and you are all good to go!

1TEAM

IOQ NZ MEMBER DISCOUNTS

1TEAM

1 TEAM APP

We are pleased to announce this year we are using the **1 Team APP** for members to access their IOQ NZ membership discounts.

The benefits of using the APP is that members can now access up to **42 Nationwide Stores** compared with the 16 stores which are displayed on a membership discount card.

These include but are not limited to:

- Torpedo 7 - 30% off
- Hertz Car Rental - 35% off
- Big Save Furniture - 25% off
- Millennium and Copthorne Hotels – 20% off daily room rate
- Beaufort - 15% off
- Repco – 15% off
- Scenic Group Hotels – 10% off
- Mole Map - 10%

Instructions on how to download the APP and your unique membership number was emailed to all IOQ NZ members on 26 January 2023.

If you require this information to be resent—please email the National Secretary on ioq@xtra.co.nz.

FRIENDS OF THE IOQ



Vickers Quarries



BOE Update

Mining Board of Examiners

Industry CoC update:

Applicants for new CoCs from July 18th, 2023, must now meet the prescribed competencies that were posted by WorkSafe in July in a Safe Work Instrument (SWI). This SWI can be found on the WorkSafe web pages. The new requirements include some additional unit standards for Certificates of Competence (CoC's).

The unit standards that have been added were consulted on with stakeholders prior to the SWI being posted.

During consultation there were submissions received asking what transitional arrangements could be put in place. The BoE determined that there were no easy transitional arrangements that could be included in the SWI to transition from the pre-July 18th regime to new SWI current regime. Therefore, the BoE considered the availability of all the new unit standards that they believed should be included and decided to only post in the first SWI the new unit standards that would be available immediately. (Or would be available within a few weeks of the change being implemented). The introduction of other new unit standards that were not immediately available has been delayed until next year when the SWI will be again consulted on and then updated.

It is known that there has been some confusion over some of the requirements or availability of units from training organisation.

The BoE appreciate that the changes may require some potential applicants for a CoC to delay their applications until they have completed the additional unit standards now required.

The BoE believe that the short-term issues will quickly be resolved as training providers and applicants adjust to the updated requirements.

There was a significant increase in applications for CoC's prior to the introduction of the SWI in mid-July. This was good evidence that most persons in Industry understood the new requirements were coming, and ensured they got their applications into the BoE prior to the change being implemented. All applications received prior to July 18th, 2023, have been processed under the old criteria.

Those that did not get applications in prior to July 18th, 2023, will have to complete all of the new requirements before applying for an oral examination. There are no easy options for the BoE to grant exceptions to this.

[Mining Operations and Quarrying Operations - Safe Work Instrument | WorkSafe](#)

Continuous Professional Development – General update: Recently several applicants for renewal of Certificates of Competence have claimed a WorkSafe Inspectors visit as continuous professional development (CPD). The BoE have discussed this issue and in general do not see that the visit of an Inspector meets the criteria for CPD. Claiming CPD for the period of time an inspector visited is considered to be inappropriate.

Note: Workshops or seminars run by WorkSafe inspectors are valid CPD.

The time the attendee can claim will be stated by WorkSafe at the sessions.

BoE member selection:

Applicants for BoE members will be sought over Sept and as this process is undertaken it is considered that explanation of the responsibilities and membership of the board of examiners would be a useful reminder to Industry.

The Board of Examiners functions and makeup is stated in the Health and Safety act as follows.

28 Functions of Board

The functions of the Board are—

- (a) to advise WorkSafe on competency requirements for mine workers:
- (b) to examine applicants, or have applicants examined, for certificates of competence:
- (c) to issue, renew, cancel, and suspend certificates of competence:
- (d) any other function relating to training and competency requirements for participants in the extractives industry conferred on the Board by regulations made under this Act.

29 Membership of Board

- (1) WorkSafe may at any time appoint a member of the Board.
- (2) The appointment of a member of the Board must be for a specified period.
- (3) WorkSafe must appoint one of the members of the Board as the chairperson of the Board.
- (4) When appointing a member of the Board, WorkSafe must have regard to the need to ensure that the Board has



Paul Hunt

Chief Inspector of Extractives

"Applicants for new CoCs from July 18th, 2023, must now meet the prescribed competencies that were posted by WorkSafe in July in a Safe Work Instrument (SWI). The new requirements include some additional unit standards for Certificates of Competence (CoC's)."

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BOE Update cont..

Mining Board of Examiners

- among its members knowledge and experience of -
- (a) mining operations:
 - (b) health and safety inspection in the mining industry:
 - (c) mining education:
 - (d) mining industry training.
- (5) Without limiting subclause (4), the Board may include 1 or more employees of WorkSafe.

The process for selecting the board members is usually undertaken by a panel which includes independent persons from Industry. They are required to ensure that as well as selecting suitable board members, that the board has the appropriate mix of members as required in the Act.

Board members normally have a three-year term and are then obliged to reapply at the end of the term if they wish to continue to be on the Board of Examiners. Many members do choose to reapply, and this is appreciated, as the experience that members bring in their subsequent terms improves the function of the board.

The board members work very hard on behalf of Industry, with the last two years being unusually busy with several of the regulation changes requiring the Board to make changes to CoC's and replace the old gazette notices with a Safe Work Instrument.

The Current NZ Mining Board of Examiners are below:



L to R: Matt Mules, Steve Bell, Tim Kennedy, Mark Pizey, Brian Bouzaid, Paul Hunt, Garth Elliot, Michelle Crompton, Fiona Bartier, Bernie O'Leary, Dinghy Pattinson



Paul Hunt

**Chief Inspector of
Extractives**

"Board members normally have a three-year term and are then obliged to reapply at the end of the term if they wish to continue to be on the Board of Examiners. Many members do choose to reapply, and this is appreciated, as the experience that members bring in their subsequent terms improves the function of the board. "



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Real Steel

Expands South Island Footprint



Real Steel is very excited to announce the acquisition of Precision Cutting & Processing taking place on 1 September 2023. Real Steel is one of the leading steel plate processors in New Zealand, supplying customers all over the country from its 8500m² factory in Upper Hutt. This acquisition will see Real Steel take over Precision Cutting & Processing's modern factory and plant based centrally in the South Island in Ashburton.

Luke Mathieson, Managing Director of Real Steel says, "By combining the strengths of Real Steel and Precision Cutting & Processing, we aim to deliver unparalleled value and experience to all customers. We're pleased to announce Josh O'Malley, Managing Director of Precision Cutting & Processing will continue to lead the Ashburton factory and will join the Real Steel leadership team."

Key benefits for customers:

1. **Raw material supply** – across both factory locations there will be a greater range and volume of stock holding.
2. **Access to SSAB steel** – highest quality high-strength and wear resistant steels from Sweden and Finland. Existing Precision customers now have access to a full range of SSAB steels including Hardox®, Strenx® and Duroxite®.
3. **A wider range of plate processing capabilities** — Existing Precision customers will gain access to Real Steel's Yawei 1000T 8.2m press (one of New Zealand's largest press brakes), 12m laser cutting, heavy duty large-format machining, and more.
4. **Geographic proximity** — Current Real Steel customers located in the South Island will have their manufacturing carried out closer to home, improving the supply chain, speed of delivery, and level of service.
5. **State-of-the-art software** — Existing Precision customers will benefit from Real Steel's systems and processes to deliver high quality parts on time and with a greater level of certainty, increasing customer convenience.

Over the past few years, Real Steel has made large investments to build customised machinery, software, and systems for part marking and part tracking. This was a complex project developed in-house by Real Steel's research and development team.

Luke explains, "You can't buy this kind of software or systems for our type of manufacturing business, so we had to develop it. Around 30,000 parts are produced in our Upper Hutt factory each month – we can now count late orders and missing parts on one hand. This has been a game changer for us. A key element of this acquisition is that we'll be implementing state-of-the-art software and systems into Precision."

Josh O'Malley says, "We're excited about revolutionising our customer experience through an expanded range of offerings, and improved accuracy and efficiency through the implementation of innovative software and systems."

Precision Cutting & Processing will be rebranded as Real Steel.





MITO Update

1. NEW ZEALAND CERTIFICATE IN MINING AND QUARRYING (LEVEL 2)

We're seeking final enrolments for the last intake for this qualification in 2023, starting in late September. Comprising 40 credits this programme takes approximately seven months to complete. It involves on and off-job training and provides those new to the mining and quarrying industry with the skills and knowledge to:

- Understand how health and safety is applied in the mining and/or quarrying industry.
- Be able to competently undertake safety-related tasks, under supervision.
- Demonstrate a foundation understanding and ability to safely complete entry-level tasks related to mining and/or quarrying operations and processes, under supervision.
- Communicate orally and in writing at a foundation level within their workplace to contribute to team performance.

MITO – Te Pūkenga provides distance learning and assessment resources to support learners through the programme, and arrange off-job training courses for health and safety, first aid, and fire safety unit standards. For further information visit www.mito.nz/miningandquarrying.

2. 2024 SCHOLARSHIP PROGRAMME

The 2024 MITO – Te Pūkenga and Inspiring Futures Foundation scholarship programme will open for applications on Monday 18 September, until Friday 24 November 2023. More information, including the 2024 categories and how to apply online, will be available on the MITO – Te Pūkenga website from Monday 18 September.

3. MITO – TE PŪKENGĀ TRAINING ACTIVITY

Learners engaged in total over the year - data as at 4 September 2023.

Programme	Number of learners 2023 (YTD)
A Grade Surface Extraction	37
A Grade Tunnel Manager	2
B Grade Surface Extraction	122
B Grade Tunnel Manager	4
Incident Investigation	15
RockUp® micro-credential (schools)	6
Safety Critical Explosives Knowledge	3
Safety Critical Surface Manager	13
Surface Extraction Level 2	55
Surface First Line Supervision Level 4	2
Total enrolments	259

4. ALIGNING TRAINING PROVISION TO SAFE WORK INSTRUMENT UNIT STANDARD REQUIREMENTS

MITO-Te Pūkenga can continue to support learners wishing to gain the unit standards required for CoCs through a combination of training programmes as shown on next two pages.

MITO Update

NZ Certificate in Mining & Quarrying Level 2

2024 Scholarship Programme

MITO—Te Pūkenga Training Activity

Aligning Training Provision to Safe Work Instrument Unit Standard Requirements





- A) B-grade surface extraction – 16 unit standards required (excluding First Aid) for quarry, alluvial and opencast coal.

Learner journey:

1. Complete B-grade Surface Extraction (Level 5) – be awarded credit for 7142, 8902, 8922, 8905, 8909, 21153, 21155, 21154, 21156.
2. In any order, but sequentially not concurrently:
 - a. Complete Safety Critical Underground Manager SCP – be awarded credit for 29553, 29554, 26855, 28983, 32158. Then Complete Safety Critical Surface Manager SCP – be awarded credit for 16686.
 - b. Complete Extractive Industries Safe Working Practices Micro-credential – be awarded credit for 19522, 23648.
 - c. Complete Extractive Industries Site Construction and Maintenance Micro-credential – be awarded credit for 31092, 32283, 32284.
 - d. Optionally Complete Safety Critical Explosives Knowledge – be awarded credit for 17694, 21152.

- B) A-grade surface extraction – 6 unit standards required (excluding those already attained for B-grade) for quarry, alluvial and opencast coal.

Learner journey:

1. Complete requirements for B-grade quarry, alluvial or opencast coal CoC as per A) above.
2. Complete A-grade Surface Extraction (Level 5) – be awarded 7143, 15663, 15664, 21151, 30902.
3. Complete Extractive Industries Standard Operating Procedures Micro-credential and be awarded 28982.

- C) B-grade metalliferous – 22 unit standards required (excluding First Aid)

Learner journey

1. Complete B-grade Tunnel Manager (Level 5) – be awarded credit for 7142, 7143, 7146, 16686, 21278, 21821, 30899, 30900, 30905, 32283.
2. In any order, but sequentially not concurrently:
 - a. Complete B-grade Tunnel SCP – be awarded credit for 17691, 21661, 22057.
 - b. Complete Safety Critical Explosives Knowledge – be awarded credit for 17694, 21152.
 - c. Complete Safety Critical Underground Manager SCP – be awarded credit for 29553, 29554, 26855, 28983, 32158.
 - d. Complete Extractive Industries Safe Working Practices Micro-credential – be awarded credit for 19522, 23648.

- D) A-grade metalliferous – 6 unit standards required (excluding those already attained for B-grade)

Learner journey:

1. Complete requirements for B-grade metalliferous CoC as per C) above.
2. Complete A-grade Tunnel Manager (Level 6) – be awarded 15662, 15666, 21151, 30903, 30898.
3. Complete Extractive Industries Standard Operating Procedures Micro-credential and be awarded 28982.

MITO Update

*B Grade
Surface Extraction*

*A Grade
Surface Extraction*

*B Grade
Metalliferous*

*A Grade
Metalliferous*

B Grade Tunnel

A Grade Tunnel





E) B-grade Tunnel – 19 unit standards required (excluding First Aid)

Learner journey

1. Complete B-grade Tunnel Manager (Level 5) – be awarded credit for 7142, 7143, 7146, 16686, 21278, 21821, 30899, 30900, 30905.
2. In any order, but sequentially not concurrently:
 - a. Complete B-grade Tunnel SCP – be awarded credit for 17691, 21661, 22057.
 - b. Complete Safety Critical Underground Manager SCP – be awarded credit for 29553, 29554, 26855, 28983, 32158.
 - c. Complete Extractive Industries Safe Working Practices Micro-credential – be awarded credit for 19522, 23648.

F) A-grade tunnel – 6 unit standards required (excluding those already attained for B-grade)

Learner journey:

1. Complete requirements for B-grade tunnel CoC as per E) above.
2. Complete A-grade Tunnel Manager (Level 6) – be awarded 15662, 15666, 15669, 21151, 30898.
3. Complete Extractive Industries Standard Operating Procedures Micro-credential and be awarded 28982.

5. PROGRAMME DEVELOPMENT

We are working with Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council to align further micro-credentials to CoC requirements and/or New Zealand qualifications to be available once the National Certificates have expired.

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Palmerston North

Register now through
the [Workshop/Webinars](#)
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site.

MinEx Update



By: Wayne Scott—MinEx CEO

MinEx is putting the final touches to a briefing on the extractives sector and health and safety for the incoming Government. We will be encouraging engagement with MinEx in extractives policy development, better funding and/or alternative funding for the High Hazard Unit in WorkSafe, additional resourcing to assist small mines and quarries, and a review of funding for the Mines Rescue Service.

During September we are about to embark on the Te Waharoa programme which is a partnership between the extractives sector, MITO/Te Pūkenga, and Waikato Tainui. This 10-week programme in the Waikato will involve some cultural and work ready training for young unemployed for 4 weeks, and 6 weeks paid work experience. We currently have placed 8 young people in the programme thanks to Bathurst Resources, J Swap Contractors, Winstone Aggregates and Stevenson Aggregates who will be hosting the work experience.

We continue to work on the review of qualifications with our Workforce Development Council, Hanga-Aro-Rau, with proposed micro-credentials currently being developed. These will allow learners to build up to a qualification in small credentials including completing their CoC if they wish.

We have almost completed our MinEx workshops for 2023. 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

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.

MICROLEARNING MODULE



Mobile Plant Operators



WorkSafe New Zealand have led the development of microlearning modules for mobile plant operators. The WorkSafe New Zealand Extractives Team initiated a mobile plant project in 2020 to address the contributing factors that led to mobile plant being the leading notifiable category of incidents reported to WorkSafe. The aim of the modules is to provide Health and Safety learning modules specifically for mobile plant in the quarry's work environment based on universal design for learning. This provides learning that is digestible, byte sized chunks that is accessible for workers. These modules were developed as a proof of concept. They are free to access. There are currently eight topics. Presented in accessible chunks of learning, each topic can be accessed at any time from any device. They are not a formal qualification.

Try out the learning topics here: <https://quarries-learning.vercel.app/> or by scanning this QR Code. We have produced laminated QR codes. Please advise your postal address and we can send these out to you.

A training advisory group has been formed that includes people from industry to develop a suite of modules. We are working with MinEx for them to host this webpage for the Extractives industry from December 2023. Please provide feedback to the HHU Extractives hhu.extractives@worksafe.govt.nz or Innovation Innovation@worksafe.govt.nz teams for ideas on additional modules or if you have any technical difficulties.

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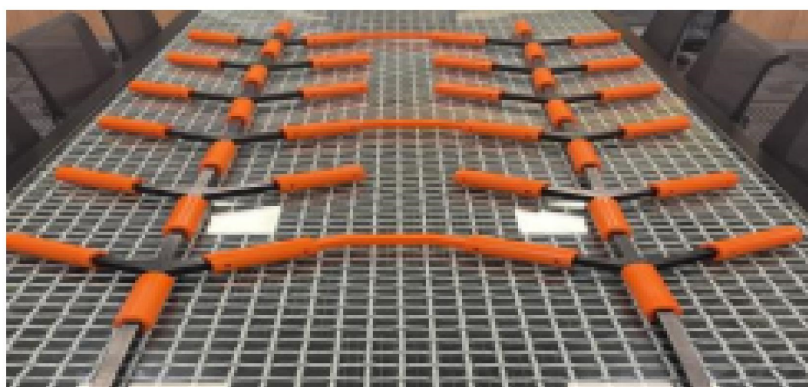


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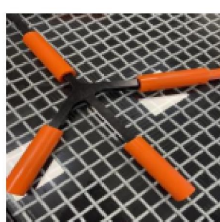
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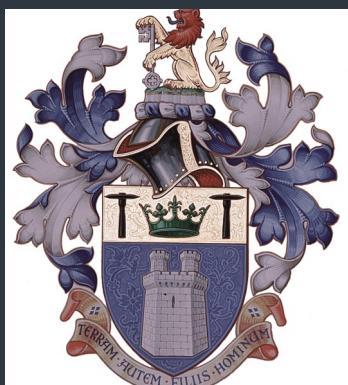
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