



Train Brain August edition

Greetings, this Train Brain emerges in the official last month of winter and while it's been relatively mild, I think we are all looking forward to spring. The warmer temperatures tend to inspire us all to get into things that we may have been putting off.

Certainly, I'd encourage any of you entering the industry and those who've served some years without gaining any qualifications, to look at the entry-level course that Phill Boulton has been running with MITO for the last five years. I encouraged the establishment of this course and it's taken 140 people through their Level 2 qualification with the 11th intake starting later this month. As I comment in the article, we can't afford to have untrained people on our sites and it's particularly good to see that around 40% of those doing the Level 2 qualification are women.

Of course, this course is only the first step on the training ladder and we need to keep adding rungs as life goes on. That's part of the reason WorkSafe has developed the first microlearning modules – and our extractives sector is the first to benefit. The worrying safety record with mobile plant saw WorkSafe focus on this area of operations first. Among the beneficiaries of the short videos, accessible on your phone, are people who are asked to switch roles for a few days; the videos allow them to quickly reacquaint themselves with operating mobile plant in which they are not usually behind the wheel. I believe these will be the opening round of microlearning in extractives and well beyond. Well done to those quarry managers, operators and trainers who gave WorkSafe good feedback in developing videos.

All this contributes to a positive working environment, the importance of which I noted in the July GAIN (Global Aggregates Information Network) meeting our industry hosted in Queenstown. We need workplaces that are attractive to people – and that may mean ending such things as working weekends (see the article).

Another thing we don't need on any site is staff who suffer from any psychosocial issues such as bullying and harassment. A new [MinEx booklet - Managing psychosocial hazards](#) has been created on this and is available on our website.

Of course, many things in life are not entirely clear cut and Dr Mary Obele spells that out in her commentary about the messy situation now emerging with people consuming legally prescribed cannabis who turn up for work; this then raises a whole number of questions around whether such people are impaired – and what can an employer do.

This Train Brain also includes articles on WorkSafe's just released Safe Work Instrument and its advice on working from home.

It's also great to see the history of how Mines Rescue was created and the work it continues to

do to train people who may need to enter mines or tunnels when incidents occur.

Finally, I cannot let pass but comment on the [WorkSafe news release](#) about two men who have recently been sentenced to jail for covering up appalling poor health and safety practices. It was bad enough an apprentice at Nelson's Aimex Limited got a serious brain injury after being exposed to vapour from solvents he'd been told to use when cleaning an engine room which wasn't adequately ventilated. WorkSafe then discovered the same thing had happened with a different worker the week before, though he was lucky enough to avoid injury. The police were called in and two men got jailed for false statements and perverting the course of justice.

This deplorable behaviour is a stark reminder to us all that the law is there to protect people – and trying to subvert it can bring the toughest penalties.

Stay safe and do the right thing.



Wayne Scott
CEO MinEx and AQA

Former quarry becomes a training ground

Fulton Hogan has converted a disestablished quarry in Featherston into a new training facility to help prepare school students for civil construction careers.

Some 24 students from six Wellington and Wairarapa secondary schools have just completed the first of an 18-week programme on the new site in two cohorts. They've had a mix of classroom and operational learning led by UCOL Te Pūkenga supported by industry and others.

The initiative, part of a Civil Infrastructure Academy, is in response to a skilled worker shortage set to impact delivery of a \$2 billion infrastructure investment recently announced for the region.

"This partnership is a fantastic, long-term investment for us, we are in desperate need of skilled workers across the industry," says Fulton Hogan SQTE Divisional Manager, Quinn McCarthy, who worked closely with other organising partners to get the initiative off the ground.

"To be able to provide the quarry as an environment for these ākonga (students) to learn in is a great opportunity to add that real-world element to their learning."

If the current 18-week pilot is deemed a success, the initiative will see as many as four cohorts complete training each year.

UCOL is delivering the New Zealand Certificate in Infrastructure Works (Level 2) to students from Wainuiomata High School, St Patrick's College Silverstream, Kuranui College Greytown, Heretaunga, Upper Hutt and Taita colleges.

St Patrick's College Silverstream student Oscar Jones found out about the training through his school's career advisor and thought "infrastructure sounded cool".

"A friend and I headed along and found out a little bit more, put our names down and now we're two days in. It's been awesome! We've been told we'll get to learn to drive the excavators next week which I'm pretty excited about, and receiving all the boots and tools has been really special for me, I'm really grateful. That's not even considering how many opportunities this training will give me."

UCOL says the model enables students to become part of a skilled workforce much faster, by being able to begin their learning while they are still at high school and have job opportunities at the end of the 18 weeks or further training options.

The partners included Fulton Hogan, Hutt Valley Chamber of Commerce, Civil Contractors New Zealand (CCNZ), the Ministry of Education, and the local Workforce Development Council.

Patrick McKibbin, Hutt Valley Chamber of Commerce CE, told a celebration of the Civil Infrastructure Academy that, “great things like this happen because people like you say yes”.

“Over the next 10 years \$2.7B will be spent in the Hutt Valley region alone on various infrastructure projects. 800 people are needed for just one of those projects and our community will thrive if we can train those 800 people from within our own community and start them young.”



The second pilot cohort, consisting largely of year 11 students from local high schools, at their first session on the quarry site.

Time to get that entry level training

Several years ago, MinEx CEO Wayne Scott saw the need for better hands-on training.

Working with MITO, a Level 2 introductory course for mining and quarrying was developed. Phill Boulton, a former diesel mechanic with much extractives sector experience, became tutor.

Over the last five years, 140 people have been through the course in groups of ten – the last finishing in late July made up of people working in rock quarries, alluvial sites and ironsands.

But in recent times numbers have begun to flag – and MinEx, MITO and others are now wanting to encourage more new entrants, with the next course starting in September.

Phill Boulton says some of those doing the Level 2 have worked for years in quarries but have never gained any formal qualifications.



Phill Boulton - Facilitator of Level 2 introductory course for

mining and quarrying.

"It's a way of giving them some recognisable skills. I believe everyone in the quarry industry should have the base qualification."

He notes that the new extractives regulations require sites to show they are training and assessing the competence of their people.

Over six months, attendees work their way through online modules on health and safety, risk management, emergency responses, machinery inspections, plant maintenance, pre-start checks, working surfaces and maintaining roads and berms.

The course is delivered with a one-hour online tutorial every 3 weeks on each topic.

"The learners need to answer theory questions online and collect practical evidence on site with photos and supervisor verification that they are doing things the way the company requires. We have also retained the paper-based books and assessments for those who are not so tech savvy."

Within the course pages there are links to WorkSafe and MinEx so the learners can download the guidelines and codes of practice.

"What I have found is that people who have completed the MITO Level 2 basic skills programme have learnt how to find, understand and use the existing safety systems on their own sites. They are better prepared and confident before they go into training for A-grade and B-grade CoC qualifications that require them to manage these systems."

He credits MITO's regionally-based Industry Training Advisers as one reason why the extractives entry-level course has attracted good numbers to date. They respond to those interested in the Level 2 programme, set them up and track their progress.

"This is a big advantage to the companies and to the people receiving the help through to completion."

The advisers also link the trainee with local providers for the two unit standards that require classroom training – Fire Safety and First Aid.

He says the other key to the programme is that after a trainee has joined a three weekly Microsoft Teams meeting on a particular unit standard with their managers or supervisors, they then work through the standard.

"We get them communicating with their managers and following the company's health and safety procedures. We are not trying to train them in things they don't need to know."

The course requires you to collect evidence from your own worksite via a mobile phone camera for your assessments.

"Basically, they can sit all their assessments through their phone," says Phill.

He says around 40% of those coming through the Level 2 course are women who he finds particularly diligent at achieving their competencies.

Wayne Scott says the extractives industry's average worker age is beyond 50, meaning huge issues loom as these staff come up to retirement.

"We need every extractive site to recognise that it's no longer acceptable that you just train people as you go on your site; they need a formal qualification and this Level 2 course makes it easy to get them started, whether young or old."

If you or one of your staff would like to do the Level 2 qualification, you can find the details [here](#), or contact Phill Boulton – phill@fleetreviewservices.com.

Big fan of intro training and more

Joe Hunter, now Quarry Manager for Blackhead Quarries' Logan Point site, was a freshly minted A-grade CoC when the Level 2 introductory course in extractives began and he saw the opportunity for his company.

More than a dozen Blackhead Quarries' staff have now been through the course.

With Phill Boulton also being Dunedin-based, he also does some site training for Blackhead and runs modules in a classroom setting.

"It's been really good. It's inconvenient to get everyone in a room when they've got jobs but in terms of learning outcomes, it's better. It's a lot easier to talk and discuss things as a group in a room rather than over a Zoom or Teams."

Being in a room helps everyone, especially those who are not highly literate, says Joe.

"Some guys are terrible at reading and writing but they are very, very competent. They just need help and encouragement in putting it down on paper or a screen. Phill comes on site and works through the papers with them."



Joe Hunter - Quarry Manager Blackhead Quarries Logan Point.



NZ Certificate in Mining and Quarrying Level 2 introductory course

[Click here for more information](#)

Extractives first to trial new microlearnings



Continuing incidents involving mobile plant in the extractives sector have led WorkSafe to work with industry to develop the first set of what are being called microlearnings. The results for this proof-of-concept project are already looking good enough to consider their wider development and use.

WorkSafe's extractives inspector Stuart Heslop says the contributing factors that have mobile plant as the leading notifiable category reported to WorkSafe saw it start a project in 2020. The findings highlighted the need to develop learning modules for workers. "Traditional training often saw peoples' eyes glaze over. The problem wasn't the content but how the learning happens. We know our target audience was operators, not quarry managers."

The aim of the modules is to deliver health and safety learning specifically for mobile plant operators and applicable to a quarry work environment.

The Extractives Team worked with WorkSafe's Education Development and Innovation team to develop 2-3 minute videos, interactive quizzes and learning material across eight modules:

- 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

All are available simply by scanning a QR code on your phone. You can try out the learning topics [here](#).

Stuart explained the microlearnings tool could be beneficial in situations where an individual typically operates a specific piece of machinery, such as a front-end loader, but is asked to step in and drive a truck for a few days, or vice-versa.

With most sites having a Toolbox meeting prior to starting work, people could quickly look at a couple of videos to refresh themselves. The modules include some quizzes where people can test their learning but these are not tracked, so people can re-sit the quizzes as often as they like until they master the module.

“It’s very good in particular for people with English as a second language.”

Three quarry sites; Gleesons in Huntly, Kaipara’s Smyths, and Brookby Quarries all completed the trial using the initial videos. There was also input from MITO’s Level 2 extractives entry level tutor Phill Boulton.

At the Gleesons site, then quarry manager Shawn McLean says he had the right testing ground with a mix of older and younger staff as well as some Filipino workers. He says most training involves reading and not everyone is literate; others just don’t learn that way. Also, busy managers don’t always have the time to tutor individual workers on each requirement. “In our industry we lack video training aids and some people learn better from them.” There is also human nature at play. “Guys don’t always say that they don’t know something.”

Long hours don’t work for quarry recruitment

Recruiting and training extractives sector workers is not just a New Zealand issue.

At the recent meeting of GAIN meeting hosted in Queenstown by the AQA and NZ industry, Wayne Scott gave a presentation which had attendees nodding in agreement.

Wayne told the meeting that a worldwide study more than 10 years ago had found that most workers in the developed world at least, were not motivated by getting more money; instead, they listed four other things they would first look for in a workplace:

- A sense of accomplishment
- Recognition
- Good teamwork
- Work/life balance.



Wayne Scott speaking at GAIN 2023.

Wayne said quarries by way of contrast were perceived to have long working hours often including weekends, site conditions were seen as basic and it was considered that you got dirty.

In Melbourne, construction sites are trialling a Monday-Friday week rather than working on a Saturday morning. This has led to a 20% increase in productivity and good retention rates. Other sites are trialling a 4.5 day week.

"When I worked in a quarry, I never saw my kids play sport," Wayne recalled.

Quarries needed to show more flexibility on things such as weekend work which was not attractive, especially to younger workers.

A German attendee at the GAIN meeting said workers also needed to be given a sense of their future. In Germany, the looming closure of the nuclear power and coal industries were making recruitment particularly difficult.

Canada's GAIN representative asked Wayne if wage rates at Australian quarries had to rise to compensate if they shortened hours. Wayne agreed wages had needed to rise by 10% to match a reduction in hours at some quarries but productivity had gone through the roof.

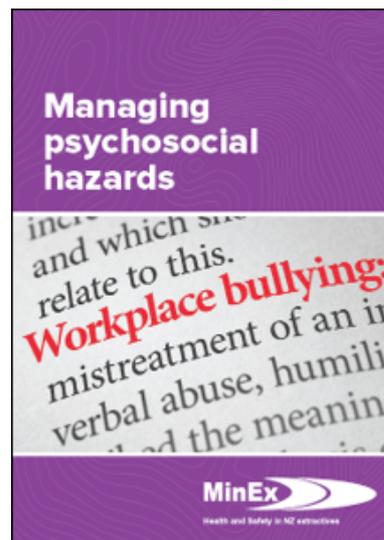
"Quarries were achieving in 4.5 days what they did in 5.5 days." He noted Saturday mornings were notoriously unproductive, in part reflecting the wish of people not to be working.

Wayne says he knows it sounds counter-intuitive to suggest cutting working hours when many quarry sites are short-staffed but this may be necessary to recruit more staff.

Sites also needed to provide amenities for women and consider other mechanisms to encourage recruitment. In many countries, work gear was washed by the employer, while most Kiwis take it home. Workers, for example, at the Watercare CIP Interceptor project were provided with lunch. Wayne recalled that was nothing new as he saw factories in South Auckland doing that in the 1960s during another labour shortage.

Managing psychosocial hazards booklet

The **Managing psychosocial hazards booklet** has been developed to provide you with help in ways to manage psychosocial hazards and engage and communicate with your workers to improve safety and health outcomes at your workplace. Available to view now on the [MinEx website](#).



It is a good idea to record your CPD restricted and unrestricted hours every time CPD is done. It only takes a few minutes!

Legal cannabis providing employment headaches

Cannabis now being able to be prescribed by doctors is adding to headaches for employers, the QuarryNZ conference was told.

Dr Mary Obele, who specialises in occupational and environmental medicine,

said cannabis-based medicines containing tetrahydrocannabinol (THC) and cannabidiol (CBD) can be prescribed by a medical practitioner for therapeutic use.

She said THC has, in particular, potential safety consequences.

“Cannabis use, prescribed or not, is prevalent in New Zealand but drug tests cannot distinguish between legitimately prescribed THC, traces of psychoactive THC in prescribed cannabis CBD products, and recreational THC use.”

There are also cannabis products available that are not on prescription, and people can buy these at markets or get them from friends.



Dr Mary Obele speaks at the QuarryNZ Conference.

All cannabis products can interact with alcohol, opioids (such as Panadeine taken for back pain), sleeping pills and other drugs.

“THC-related impairment is important but can be subtle, hard to see, and not measurable. The employer, worker and prescriber may not be aware that the worker is impaired at work.”

“The usual supervisor’s lists of ‘what to look out for’ may not help.”

Dr Obele says there are no reliable studies of the safety of medicinal cannabis in safety critical workplaces such as quarries.

“Despite cannabis being legal in many jurisdictions for some years, there are still no established “safe” cannabis levels proven to be compatible with safe work,” she said. “And there is also no clear and specific New Zealand guidance for medicinal cannabis management in workplaces.”

Dr Obele reminded us that under the Health and Safety at Work Act 2015, employers are required to take ‘every practicable step’ to ensure their workers are safe from harm.

“If a PCBU has identified impairment as a risk, we expect them to manage that risk in a way that’s proportionate to the task being undertaken and level of risk identified.”

Some chose to do drug testing but there was no advice about drug testing methods, or about the use of drug testing at work on the WorkSafe website.

There was also, to date, no evidence that the cannabis THC metabolite tested for in the lab correlates with impairment, and no convincing evidence that drug testing improves the safety of workplaces.

She said, in her experience of safety critical workplaces, it was unclear how to conduct the hazard and risk assessment for prescribed cannabis and no WorkSafe guidance was in place.

Those employers doing drug testing have to consider a range of employment issues. The uncertainties involved with prescribed cannabis are causing tension in workplaces. Some people felt they were being targeted for taking legally prescribed medication. This was resulting in confusion, anger, feelings of discrimination and even some staff talking of taking meth instead of prescribed cannabis.

Safe Work Instruments in place

WorkSafe has gazetted the new Safe Work Instruments (SWI) which outlines competency and CPD requirements for mining and quarrying CoCs.

All relevant requirements for CoCs are included in the SWI, which WorkSafe says will be kept current and available on its website.

All new CoCs are now available by application to the Board of Examiners (BoE).

One important change which emerged after consultation by WorkSafe on the SWI involves recognition of the scope of previous B-grade Quarry Managers' oral exams:

- Any person who holds a B-grade Quarry Manager CoC issued between September 2016 and 17 July 2023, and who applied for an A-grade Quarry Manager CoC will not have to sit an oral exam.

WorkSafe says because some new unit standards that the BoE wanted to include in CoCs were not yet available, there will be a two-stage transition.

As of 18 July 2023, the SWI issued only includes unit standards that were available then. An updated SWI will emerge on 18 July 2024. Before that, those standards not yet available will be consulted on.

WorkSafe is urging CoC holders to review the SWI. While it is disappointing that there was no feedback on submissions to submitters, nor a summary of submissions published, the BoE has issued a summary of their decisions to CoC holders.

This document was not readily available on its website but inquiries can be directed to: BoE_Secretariat@worksafe.govt.nz.

Working safely from home

Many of us work from home which can be great for both workers and employers.

However, WorkSafe reminds us there are some risks involved and employers and workers both have a role to play.

The Health and Safety at Work Act 2015, requires businesses to do all that is 'reasonably practicable' to ensure any workers – including those who work from home – do not experience any harm.

When you work from the office, you get a workstation, equipment, and suitable environment. However, when you work from home you need to establish your own workstation.

As many of you will have experienced, unsuitable workstations can cause fatigue, discomfort, or pain. Even with good workstations, you need regular breaks from work.

WorkSafe says good communication between staff and employers is key to a healthy working from home arrangements and suggests if an employer or manager agrees on an arrangement that involves a staff member working from home, there should be a discussion about the home workstation and environment. They could help by getting a specialist to assess the workstation or even offer support to get a proper work environment established.

WorkSafe has produced a brochure about [working from home](#).

Now is a good time to tune in to Toolbox tips

If you've hardly or never looked at MinEx's Toolbox tips, it's time you dipped in and see what's on offer.

There are about 40 resources including videos and presentations available for free, many of them sourced from the NZ extractives industry as well as from overseas.

These range from short instruction videos like an excellent Fulton Hogan video [Be Seen - Be Heard](#) filmed at Stevenson Aggregates Drury Quarry. It shows the potential consequences when someone enters a working quarry site without properly alerting an excavator driver.

Another video shot at the Christchurch Ready Mix Belfast site details how the company has revised its risk assessments and engagement with contractors after an incident involving a [fall from height](#). WorkSafe helped produce the video.

A MinEx PowerPoint presentation shows how one in five adults suffer from mental health issues in their lifetime, what to look for and how to respond.

There's a European [Guide on Respirable Crystalline Silica](#) which advises the percentage of RCS in aggregates can vary from 0-100% and how to deal with it in a small to medium sized extractive workplace.

A wide range of other health and safety issues are covered on MinEx's Toolbox page including Mobile Plant and Transport.

Some of the material has been published for a while but new material is being added regularly, including a podcast series from Australian consultancy Brady Heywood [on Simplifying Complexity](#).

Now is a good time to take the opportunity and learn some lessons from others' (sometimes fatal) experiences.



If you know of anyone who would like to receive the Train Brain email office@minex.org.nz and we'll help keep their training on track

Rich history supports training focus

There's a lot of history echoing around the New Zealand Mines Rescue Service, started after a coal mine disaster, but now a larger proportion of its work is above the ground, in part due to another mining tragedy.

Established after a Royal Commission into 1926's Dobson Mine Disaster where nine men died, the initial focus was opening Mines Rescue stations on the Grey, Buller, Waikato and Southland coalfields.



The 1926 Dobson mine disaster saw Mines Rescue created.

These days, Mines Rescue is a busy training organisation and the focus is not just on mines. Commercial Training Manager Colin McDonnell says it is now wrapping up three years of work to get more than 30 expatriate Kiwis up to date so they could work in Auckland's two major tunnelling projects – Central Interceptor and City Rail Link.

He says some have been working on tunnels since the Manapouri project before heading to jobs around the world. All were highly-skilled but none had the formal qualifications needed to work in major NZ projects.



“None have less than ten years experience but because they'd been working overseas, they didn't have their CoCs (Certificates of Competence).”

While they had the experience, due to working on limited life projects they could not access the evidence required for recognition of prior learning and in most cases lacked knowledge of the theory which meant other means of achieving the units were required.

Mines Rescue's dozen tutors worked with groups of ten or a dozen tunnellers full-time for three months packing in the equivalent of two years of learning. "We got them through. It was hard work but the results were excellent."

Mines Rescue offers courses around the country. Colin says if 2-3 people indicate a wish to do a unit standard in a location he will work to find a few more to make it viable.

Last month (July) it ran a course on CIMS – Coordinated Incident Management Systems – in New Plymouth. The prompt for this is the Mt Messenger roading project which includes a 240m tunnel.

Colin says this project will see Mines Rescue supporting the Mt Messenger Alliance with emergency preparedness and response for the tunnel portion of the project. This also requires the creation of a Mines Rescue brigade – people who will all be highly trained on the specialist responses needed for any incident in the tunnel.

Specialist long duration breathing apparatus is required for irrespirable atmospheres in tunnels longer than 150m. Mines Rescue brigades use this type of breathing apparatus which allows up to three hours of operation.



Such brigades are located at mines or near long tunnels around the country, supported by specialists and equipment located at Auckland, Huntly and Mines Rescue's headquarters near Greymouth.

"We can fly in and support mine or tunnel operators should they have an emergency event that goes beyond the capabilities or capacity of the onsite response personnel."

KiwiRail is another client. Mines Rescue has recently trained 10 KiwiRail staff as first responders that would work in partnership with Mines Rescue for deployment in the Otira Rail tunnel, should that ever be required. Otira, at 8.5km is the third longest rail tunnel after Kaimai and Remutaka. The longest road tunnel is Waterview at a mere 2.4km.

Mines Rescue is recognised for its specialist equipment and expertise within the emergency services community and has been called to assist in a variety of incidents which includes the Whakaari White Island eruption in 2019.

While Covid saw Mines Rescue move some of its training online, Colin says it gets its best results for ordinary workers from classroom situations. "Our students struggled online to be honest. They just don't talk as freely." He says classroom settings allow more sharing of experiences between students and tutors. "That makes it relatable to people. We actually want them to understand the material, not just tick the box."

Between June and October Mines Rescue is running various unit standards for B-grade CoCs in classroom courses in Westport, Waihi, Taranaki and Southland. A-grade courses only take place currently in Westport but the offer is there if a base of interest forms in another location.

Mines Rescue does run some of its Senior Site Executive courses over Zoom. Colin says these are either highly experienced managers, project managers or health and safety specialists who are more used to online learning. They also often have more demand to be on-site.

The Commission of Inquiry into the Pike River Mine Tragedy recommended the New Zealand

Mines Rescue Service needed to be supported by legislation. The Mines Rescue Act 2013 saw it expanded from underground and opencast coal mines to include underground metalliferous mines and tunnels under construction. Levies from the various extractives sectors provide some of the necessary funding for the organisation.

If you're interested contact Wayne Scott email: wayne@aqa.org.nz

Regional Workshops - Ashburton 22 August 2023



Each workshop gives a health & safety update to keep the extractives industry informed with health & safety issues and good practices. These workshops are packed with useful sessions for anyone in the mining and quarrying industry.

The workshop will run from 8am to 4pm, with morning tea and lunch provided. Each workshop has 8 hours of unrestricted CPD available and covers the following topics:

- Review of health & safety performance 2022
- Learning from past incidents
- Principal Hazard Management Plans for quarries
- Changing our mindset on Fatal Hazards and reporting
- Diversity and respect in the workplace
- WorkSafe Inspectorate Update

Payment by credit card is required for registration. The next workshop will be held in [Ashburton on Tuesday 22 August](#) registrations close Wednesday 16 August. To view the full list of dates head to our Training tab on the [MinEx website](#).

IOQNZ Webinars/Courses



The Institute of Quarrying has two upcoming interactive webinars for August and September 2023:

30 August 2023

Time: 9am

Webinar: Installation and Maintenance of Electric Motors – facilitated by TR Industries
[Information Sheet](#).

27 September 2023

Time: 9am

Webinar: Alternatives to Traditional Extractive Methods – facilitated by Tesmec
[Information Sheet](#).

Cost:

IOQ NZ Member: \$25.00

Non-Member: \$50.00

Both webinars are also available as a 24/7 webinar which means you can purchase and complete in your own time.

To register please click here: [Webinars & Courses Archives - Institute of Quarrying \(ioqnz.co.nz\)](#)

For more information email ioq@xtra.co.nz



Remember to keep all evidence of CPD activities to provide when you apply/ renew your CoC

NZ Mines Rescue Service courses



To view the upcoming course click on the links below:

[A grade CoC training schedule](#)

[NZMRS B-grade CoC schedule](#)

[Site Senior executive training programme](#)

[NZMRS Specialist CoC schedule](#)

ACT Safety Courses



Extractives units upcoming dates:

Units	Description	Dates	Booking link
30902	Plant and Equipment	7-8 Aug	30902 - Plant and Equipment extraction methods (2 days)_(actsafety.co.nz)
22057-21151	Electric and Pneumatic power systems	9-10 Aug And 14-15 Aug	21661-22057 - Electrical, Pneumatic and Hydraulic power systems - Extractives (actsafety.co.nz)
7145	Underground Ventilation	17-18 Aug	7145 - Design and Maintain ventilation for Underground Mine - (2 days)_(actsafety.co.nz)
28983	Risk Management	21-22 Aug	28983 - Risk Management - 2 Days (actsafety.co.nz)
26855	Human Factors	21-22 Aug	26855 - Human Factors (2 days)_(from template)_(actsafety.co.nz)
28983	Risk Management	24-25 Aug	28983 - Risk Management - 2 Days (actsafety.co.nz)
16686	Incident Investigation	28-29 Aug	16686 - Incident Investigation - 2 Days (actsafety.co.nz)
8902, 8905, 8909, 8922	Safety Check units	28-29 Aug	8902-8905-8909-8922 Safety, Plan and Maintenance (actsafety.co.nz)
30903	Methods and Plant Metalliferous	28-29 Aug	30903 - Mining Methods and Plant Metalliferous (2 days)_(actsafety.co.nz)

Click [here](#) to see the full list of dates for the rest of the year.

MITO Courses



NEW ZEALAND CERTIFICATE IN MINING AND QUARRYING (LEVEL 2)

MITO – Te Pūkenga is seeking enrolments in the New Zealand Certificate in Mining and Quarrying (Level 2), starting in September. This will be the last intake into this qualification in 2023.

This 40 credit qualification 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.

Tai Poutini Courses



Go to the [Tai Poutini website here](#) to view the available courses.
Students may be eligible for free fees, see more information [HERE](#)
Contact Nicole Scalmer on 03 769 9645 or nicoles@tpp.ac.nz

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