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Mr Peter Morgan

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The Institute of Quarrying NZ (Inc.)

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

Issue: 49

Newsletter Date: June 2017

President’s Report

Welcome to our winter edition of the IOQ NZ (Inc.) newsletter.

This year’s Quarry NZ conference is being held in **Auckland (City of Sails) July 19th – 21th**, down at the ANZ Viaduct Events centre.

I would like to remind you all that the registration process is well underway, so if you haven’t already done so, then I recommend that you go to the QuarryNZ website for all the information you need. All the signs are pointing to yet another excellent number of delegates and partners attending. The trade stands are filling up fast also and looks like record numbers again.

Don’t forget, this year, the format for the Auckland Conference has been changed. **A 2 hour workshop**, each day, **(starting Wednesday morning at 10.30am)**, will be introduced to the conference. This is to help delegates gain some Continuing Professional Development (CPD) hours, in legislation, leadership and emergency management.

Also **2017 CPD Training Courses and Webinars** have been listed, so go to the **IOQ NZ (Inc.) website** to see which one you want to attend.

The Jim Macdonald Lecture Tour, (sponsored by **Mimico and Metso Minerals**) was held at the end May and the beginning of June of this year.

This year’s speaker was **Paul Sutton, CEO Institute of Quarrying Australia**. Paul spoke on:

- Why capable people are important to an organization’s well-being: productivity, profitability, safety and corporate social responsibility.
- How do we get capable people?
- The Quarry Academy that has been launched
- CPD Training

What a great tour it turned out to be, it started in Whangarei, then Auckland, Matamata, Palmerston North, Nelson, Christchurch and ended in Dunedin. It was well attended at all meetings. So a big thanks goes out to Paul Sutton for taking time out of his busy schedule to coming across the ditch and do the lecture tour. Also, the branches for organising the evenings and rallying members and non-members to come along to make it a great night at each venue.

IOQ NZ (Inc.) Youth Scholarship Programme

The IOQ NZ (Inc.) Executive have selected 4 young members to attend this year’s conference. With the support from the



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B.R. Webster Educational Scholarship Fund, this has made it possible for these 4 young members to attend. With the support from the BR Webster Educational Scholarship Fund, this has made it possible for these 4 young members to attend.

The recipients for 2017 are:

North Island: Luke Balsillie & Jessie Sutton
South Island: Chris Marshall & Dylan Kelcher

If you do see these young members around the conference, please stop and chat to them.

A big thank you must go to Matt Webster for organizing this great programme, and to Robert and Judy Webster for help funding this programme through the BR Webster Educational Scholarship Fund. Thank you all.

I know I have said this before, but since this will be my last newsletter, I would like to take this opportunity to say a big thanks to Gordon Laing and Peter Morgan for all their help and support, Petrina Torstonson as the IOQ NZ (Inc.) Secretary - your hard work behind the scenes is very much appreciated. To Ray Haley, (IOQ NZ (Inc.)) training facilitator, for your work in organising Webinars and specialist CPD courses.

To the rest of the Committee, thanks guys, this year has been pretty full on with plenty of issues to deal with in NZ, so keep it up with your input, as a team I am sure we will sort these out.

To all the Branch Chairmen and Secretaries around the country, thanks for your help in getting information out to your areas. Field trips and Branch/ Technical Evenings are what it's all about and I hope to see you all in Auckland.

Les Ward
IOQ NZ (Inc.) President



2017 Quarry NZ Conference

Auckland

Dates: 19-21 July 2017

Change in Conference Format



*CPD workshops (2 hours)
held daily*

Wednesday 19th July—10.30am—12.30pm

CPD Workshop—Legislation

Presenters: Work Safe's Priscilla Page, John Ewen and David Bellett

Thursday 20th July—10.30am—12.30pm

CPD Workshop—Leadership

Presenters:

Graeme Smith—The Drug Detection Agency
Charles Dawson—Fatigue in Workplace

Friday 21st July—10.30am-12.30pm

CPD Workshop—Emergency Management

Presenters:

Auckland Council Civil Defence Team

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Auckland Branch Report *by John Quayle*



The Auckland Branch has had two meetings since our last report.

The first meeting was our annual Technical Evening on the 27th April at Gough CAT's premises in Manukau. About 30 members and associates turned out on the evening. The first presenter on the evening was Stuart Bell from Gough Cat who presented on the latest offering from Caterpillar in the way of Integrated Technology with Sercity and GPS. This also coupled with data transfer from machinery to report on the machine health. Technology is certainly moving ahead at a rapid pace.

The second speaker for the night was to be Simon Stuckly from Real Steel, but Simon had Juha Erkkila from SSAB (Swedish Steel) with him and Juha gave a presentation on wear steel, particularly Harddox, and its applications.

We followed these two presentations with a quick branch meeting and updates on the upcoming conference, CPD learning and on COC, s and what is required to successfully pass the oral exam. The evening wound up with a wonderful supper and some refreshments put on by Goughs CAT.

Our second meeting for this term was the Mimico sponsored Jim MacDonald Memorial Lecture Tour with Paul Sutton.

The Auckland event was held on the 23 May at Allenby Park Papatoetoe. The evening was sponsored by some of our local quarries, Ihumatao Quarry, Winstone Aggregates, Manukau Quarries Ltd, Fulton Hogan and Stevenson's Drury Quarry.

We had a small turnout for this evening with about 25 members and associates attending. The evening was enjoyed by all who attended.



See you at the 2017 QuarryNZ Conference

The MIMICO team is looking forward to catching up with industry colleagues, friends and family at the 2017 QuarryNZ. You can visit us on stand 80 during the week.

We are proud supporters of the MIMICO Environmental Award and the MIMICO Friday Lunch.



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Waikato/BOP Branch Report



We had our last branch meeting at Goughs in Hamilton. Guest speakers for the night were James West from Goughs on machine innovation, Graeme Smith from TDDA on drug detection in the work place—a really good presentation by Graeme on what to look out for and the risks with dealing staff that are affected by drugs (Procedures & Employment Laws). Goughs had a 950m wheel loader on display. Thanks to Goughs for putting on the evening.

IOQ NZ (Inc.)/Civil contractors golf day at the Tahuna golf course was held on the 29 April 2017. Our sponsors were Prime Explosives and RYCO Hydraulic hoses for the day and Ray Haley Comet team won it this year—an IOQ win. Thanks to Prime explosives, Rycos 82o hydraulic hoses & others for the sponsorship.

On the 28th of May we had our 5th Waikato/Bay fishing competition which is kindly sponsored by Transmission House. Only 19 people turned up which was poor, as we had boats booked for it. Good numbers of fish caught & Wayne Robbins caught the biggest snapper 3.6 kg.

At Matamata Club on 24 May 2017, we had the Jim Macdonald Memorial Lecture Tour with guest speaker Paul Sutton presenting on “Why capable people are important to an organizations wellbeing”. Around 60 people turned up for it, thanks to Mimico & Metso Minerals for putting on the evening as well as Swaps.

Our next branch meeting will be held at Mimico Matamata on the 27 June 2017 where we will have our AGM & the Mimico tool box will be handed out to a IOQ NZ (Inc.) Waikato/BOP member who has attended the xmas do & branch meetings.

Allan McDonald—Branch Chairman

Canterbury Branch Report



The standout highlight of the last quarter for the Canterbury branch has been the very well attended Jim Macdonald Memorial Lecture Tour presentation by Paul Sutton, CEO IOQ Australia. Given the pre advised content and theme of Paul's presentation, the local committee decided to throw it open to some other local associations, namely RTANZ, CCNZ and the Chartered Institute of Logistics and Transport, who all had attendees. Plenty of feedback around the cross industry sector importance of the messages Paul delivered on human capital, valuing employees and the ever changing labour market.

We had 55 attendees, which would be a record locally for attendance at a meeting, other than some other very well attended recent meetings at machinery dealers or quarry onsite.

We continue to sign up new members locally as the word spreads around the availability and regularity of meetings, site visits and other events to assist operators with accrual of CPD hours.

This week we're pleased to be supporting WorkSafe with their Electrical Safety presentation @ BNZ Partners Centre, RUSSELY, with over 30 confirmed attendees to date. Upcoming events will continue to focus on events beneficial to CPD hours, plus opportunities for members to network and share best practices, with many acknowledging this is also excellent supplementary training and development.

*Gavin Parker & John Crawley
Branch Chairman & Acting Secretary*

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Otago/Southland Report



The Otago Southland Branch has held two meetings since last report. We would like to thank our local sponsors, who continue to support our branch and make interesting presentations that keep our members well informed of the latest products and developments to keep their operations running smoothly on productively. I would also like to make a special thank you to our speakers that offer their time to present information, ideas and experiences.

12 April 2017

The meeting was held in Mosgiel, sponsored by RealSteel. Dean Aitkin from RealSteel gave a presentation on parts and service's RealSteel can offer our industry. Our guest speaker was David Hanan, Delta's Environmental Engineer, Dave presented a paper on the Green Island Landfill, basically building a quarry in reverse. The meeting was attended by 22 members and interested parties.

1 June 2017

The meeting was held in Dunedin in conjunction with the Jim Macdonald Memorial Lecture, presented by Paul Sutton – CEO of the IQA. Along with the main sponsors of the lecture tour Mimico and Metso - the meeting was sponsored by the BNZ and Blackhead Quarries. Brendan Hearle – Business Development Manager, gave a presentation on the services the BNZ can provide for the quarry industry. Both presentations were well received.

Both meetings were well attended and it was good to see new members at each meeting as our membership continues to grow.

Our next meeting is planned for Wednesday 30 August at the Victoria Arms Hotel in Cromwell - this is a well over due meeting to be held in central Otago area and expect to see a number of members and interested parties that maybe looking to the IOQ NZ (Inc.) to understand the regulatory challenges of the quarry industries.

Phil Boulton & Gavin Hartley
Branch Chairman & Secretary



Otago/Southland Branch hosts the 2017 Jim Macdonald Memorial Lecture Tour in Dunedin.

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Central Districts Branch



This last quarter has been a little quiet, we had a well attended WorkSafe workshop in Gisborne giving everyone the chance to meet the new Chief Inspector.

The Jim Macdonald Memorial Lecture Tour was well received by all, with many requesting Paul Sutton's presentation slides for future analysis.

Our next branch meeting will be held after the conference, we have a few requests regarding topics from members which we are trying to work through now.

We are also gathering nominations for Secretary and Treasurer so if you keen to lend a hand let me know.

Matt Webster
Branch Chairman



2017 SEMINARS

Quarry / Mine Planning

- Competency: Operating & Safety Systems
- Auckland 12 September 2017
 - Christchurch 13 September 2017

Electrical Safety

- Competency: Operating & Safety Systems
- Auckland 14 November 2017
 - Christchurch 15 November 2017

Quarry NZ Conference How many hours can I claim?



Below is a summary of the CPD hours that you may claim at conference.

The hours claimable will depend on whether you attend the entire conference where there is the potential to claim up to 12 hours CPD, or whether you only attend for one day.

Limitations do apply as per the WorkSafe guidelines document and examples are noted below.

Wednesday: 2 hours formal for workshop and actual hours for the two AGMs*.

Thursday: 2 hours formal for workshop, 2 hours for conference and actual hours (informal) for the field trip**.

Friday: 2 hours formal for workshop and 2 hours for conference.

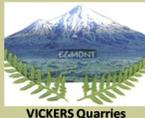
Yearly Limitations

Examples include:

***AGMS**—maximum of 6 hours claimable per year. This includes local AGM's attended.

****Fields trips**—maximum of 2 hours per trip, with a maximum of 2 field trips per year.

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2017 CPD Training Schedule



WEBINARS 2017

3 July 2017

Quarry Plant, Equipment and Processes
- Competency: Operating & Safety Systems

11 July 2017

Safety & Health Management Systems
- Competency: Legislation

25 July 2017

Communication & Consultation
- Competency: Operating & Safety Systems

28 July 2017

Emergency Management Plans
- Competency: Emergency Management

31 July 2017

Specifications
- Competency: Operating & Safety Systems

4th August 2017

Conveyors
- Competency: Operating & Safety Systems

7th August 2017

Test Methods
- Competency: Operating & Safety Systems

9th August 2017

Operational Planning
- Competency: Leadership

14th August 2017

Quarry/Mine Surveying
- Competency: Operating & Safety Systems

16th August 2017

Contractor Management
- Competency: Leadership

21st August 2017

Fitness for Work
- Competency: Leadership

25th August 2017

Emplacement Stability
- Competency: Operating & Safety Systems

28th August 2017

Manufactured Sand
- Competency: Operating & Safety Systems

4 September 2017

Alkali Aggregate Reactivity
- Competency: Operating & Safety Systems

6th September 2017

Management Skills
- Competency: Leadership

11th September 2017

Emergency Plans
- Competency: Emergency Management

15th September 2017

Environmental Management
- Competency: Operating & Safety Systems

18th September 2017

Blasting
- Competency: Operating & Safety Systems

TBC

Guarding and Plant Isolation
- Competency: Operating & Safety Systems

29th September 2017

Quality Control and Statistics
- Competency: Operating & Safety Systems

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New Zealand Mining Board of Examiners



This is the New Zealand Mining Board of Examiners (the Board) June 2017 meeting's newsletter.

Continuing professional development (CPD)

This is a reminder that all holders of Certificates of Competence (CoC) are required to complete CPD activities as set out in the 2016 Gazette notice. WorkSafe has published guidelines outlining what the CPD requirements are for extractives CoC holders. This guidance is available on the WorkSafe website.

CPD is about learning, which is why it is important to think about what has been learnt from your CPD activities and to write these learnings in the logbook. Activities which are part of your everyday job should not be included.

New online CoC application and CPD logbook system

WorkSafe is currently developing a new online system for CoC applications. Current CoC holders will also have secure access to an online logbook where CPD activities can be entered directly.

It is expected that the new system will be in place within the next month. Further information will be provided in the coming weeks.

Feedback from panels of examiners workshops

Thirty-two panel members attended workshops in Christchurch and Auckland in April. This was a much appreciated opportunity for panel members to get together to discuss their work, exchange ideas, make recommendations to the Board of Examiners and work on scenarios.

The Board is always looking for panel members. This is an opportunity to give back to your industry and earn CPD hours. The Panel of Examiners Terms of Reference document is available on the WorkSafe website. If you are interested, please send your CV to: BoE_Secretariat@worksafe.govt.nz

Proposed CoC requirements

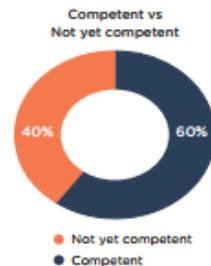
Work on the proposed changes to CoC requirements is almost complete. The Board plans to release the consultation document at the end of July. Information workshops will be held throughout New Zealand. MITO will also be at the workshops to talk about its programme review. More information will be provided in the next month.

New certificate of competence results

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

CoC	TOTAL	C*	NYC*	C**	NYC**
A-grade quarry	33	25	8	76%	24%
B-grade quarry	105	44	61	42%	58%
Other	134	93	41	69%	31%
Cumulative total	272	162	110	60%	40%

C* = Competent NYC* = Not yet competent



272	Oral Exams
162	Competent
110	Not Yet Competent

If you have any questions in relation to any of these topics please contact the Board Secretariat: BoE_Secretariat@worksafe.govt.nz or 04 901 4980.

Mark Pizey, Chairperson
New Zealand Mining Board of Examiners

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Keith Niederer Passes

Affectionately known in New Zealand and in many parts around the world as “Mr Quarryman” **Keith Niederer** passed away 10 June 2017, aged 95.

Many of us will remember his lectures about the feats of mankind including construction of the pyramids; the salesman from engineering company Booth MacDonald (selling Aveling Barford machinery). Keith obtained the first licence to manufacture the Barmac crusher at his Niederer Machinery business. He had a kiwi can do attitude, regularly stitching together a whole crushing plant using second-hand (pre-loved) machinery from both local or overseas sources. He also operated Niederer Drilling, which was a stepping stone for many drillers serving our industry.

Keith rarely missed any IOQ NZ (Inc.) branch meeting – he felt it was his business to attend no matter where he was in NZ. He loved sharing *any* stories about quarrying, and drill/blast. and of course with his dry sense of humour.

He remembered everyone’s names, and was always one to ensure there was a few dollars on the bar for ‘beers for the boys’.

At the Westport Conference in 1990, Keith received a citation from the IOQ NZ (Inc.), and in July 2015 he accepted an [Honorary Fellow of the IOQ](#).

And right to the end Keith insisted that no one should make a fuss of him – he was privately cremated with no funeral held.

While it’s a sad occasion, he will live on in the memories of all who had the pleasure of his company.



Keith Niederer was made an Honorary Fellow in July 2015 for incredible service to the industry

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JIM MACDONALD MEMORIAL LECTURE TOUR

The Jim Macdonald tour was very well received this year.

The IOQ NZ (Inc.) Executive and members would like to thank Paul Sutton for taking time out of his busy schedule with the IQA to take on a busy NZ tour stopping at 6 locations between Northland and Otago. Feedback we have received from members and attendees around the country has been outstanding, many members asking for Paul's power point to reference at a later date.



Paul gave a well-crafted presentation, on why capable people are so important to an organisation's well-being. His frank observations on the state of the global extractive industry highlighted the need for higher productivity, profitability, safety and corporate responsibility.

Interestingly the challenges he outlined that face the global extractive industry struck a chord with local quarry operators as we are seeing similar trends in NZ – eg. skill shortages, environmental constraints, residential housing encroachment, Health + Safety and Legislative requirement changes, to name a few. With these changes sweeping the industry it is important to keep things in perspective, as Paul put it "today's insight is tomorrow's global advantages."

Another important message was showing the younger generation that a career in the extractive sector can be a worthwhile pursuit. Striking a good balance between educating tomorrow's leaders while maintaining the practical nature of the industry.

Paul's promotion of Webinars and the IOQ NZ (Inc.) highlighted the good work going on behind the scenes. By making CPD more attainable this had the spin off effect of a surge in membership enquiries from most regions.

The IOQ NZ (Inc.) Executive would like to recognise the sponsors for this event, Metso and Mimico. These companies have seen the benefits gained by IOQ members that attend these meetings. Without this support, these events wouldn't happen so thank you.



Paul Sutton
CEO of Institute of Quarrying Australia



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MinEx Update

Winds of change

By the time you as IOQ NZ (Inc.) members read this, Wayne Scott will have commenced his new role as CEO for MinEx, the Mining Extractives Health and Safety Council.

Wayne arrives with an impressive background in the quarrying/mining sector and you can take some reassurance about his skill set from the fact that one of his many roles has been as a Past President of the Institute of Quarrying Australia.

Moreover, Wayne will be known to many of you through the CPD webinars he has provided for IOQ NZ (Inc.), courtesy of IQ Australia. In fact, he asked to be able to deliver on his commitments to complete a couple of webinar courses after his July 1 start with MinEx.

As MinEx chair, I was delighted to support that and acknowledge the contribution made by IOQ NZ (Inc.) in stepping up to provide this webinar training to supplement what is available through courses and other means.

The quarrying sector is going through some very challenging times and we need every organisation to step up to help address the issues.

Not least, the fact that many quarries continue to have no CoC in place as required under law. Some of that comes back to the high rate of oral exam failure. WorkSafe is taking a measured approach. If you are making an effort to get your CoC sorted, you and your quarry might be given six months to get this sorted. That's fair, especially if we remember that most people who re-sit an oral exam are passing on the second attempt. But those who drag the chain are not only putting themselves and their staff at risk; they face a high prospect of getting a prohibition notice on continued operations.

MinEx's contributions in this respect include getting a Health and Safety Template designed for small quarry operators. If you haven't already seen this, [please look at it on our website](#).



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

We have had a lot of feedback to date, most of it positive – and we welcome more. Wayne Scott will be presenting an updated version at the QuarryNZ conference in Auckland on Friday July 21.

The QuarryNZ conference will also no doubt see a fair bit of discussion about a proposed single organisation to represent the extractives sector. The debate was kicked off at last year's conference by Stevenson's which gave a deadline of a year for some progress towards having a unified body. As CEO of Straterra, representing all minerals & mining, and as Chair of MinEx, I'm very much involved in the discussions. I encourage you to think through the pros and cons of having the current arrangements which see several organisations – Straterra/MinEx/AQA/Coal Association/IOQNZ/AusIMM – all doing some good work but with no unified and strategic voice and direction for the extractives sector.

Clearly IOQ NZ (Inc.), as the professional body for quarrying, will continue to play a role in whatever emerges. Similarly, the AusIMM has an essential role in the mining sector.

One thing appears clear - the status quo is not an option. I want to see change because I know we can do better. We can be more effective, get better regulations, be more influential and certainly get more 'bang for our buck' if we work together.

We compete for space with every other industry. We are up against the might of sectors like dairying, forestry and fishing vying for the attention of the decision-makers in Government and councils and with the wider public. Frankly I don't believe we can compete when the Extractive sector has just a handful of staff scattered around the country supporting various organisations and boards.

If you've got any thoughts, I'm up for a chat either at the QuarryNZ conference, or anytime – chris@straterra.co.nz 027 240 6754.

Stay safe and let's all work for our sector's interests

Chris Baker

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MITO Update



MITO unit standard reviews and programme development

Following feedback and comments from Subject Matter Experts, alongside discussions with the Board of Examiners, we now have a set of 29 reviewed extractive unit standards ready to go out to industry for consultation. MITO is intending to time the industry consultation for these unit standards to coincide with WorkSafe's consultation on the new CoC requirements. This is likely to happen from the end of July. The consultation format will include industry roadshows/workshops that MITO will be participating in.

MITO training activity for 2017

MITO enrolments 1 January to 31 May 2017.

Programme	Number of learners
B-grade surface	115
A-grade surface	36
B-grade tunnel	17
Incident Investigation	15
Safety Critical Surface Manager	15
Safety Critical Explosives Knowledge	12
B-grade tunnel SCP	9
Surface Extraction Level 2	9
Risk Management	7
Safety Critical Underground Manager	4
Safety Critical Legislation	3

MITO Industry Summit 2017

MITO's fifth Industry Summit was held in Wellington on Wednesday 31 May with record attendance of industry association representatives, government officials and corporate employers. Overall it was a successful Summit with 100% satisfaction recorded by the delegates.

The theme for this year was 'The ART of tackling skills shortages: Attract. Recruit. Train.' The Summit was officially opened by Hon Paul Goldsmith - Minister for Tertiary Education, Skills and Employment, with guest speakers Gareth Kiernan - Chief Forecaster, Infometrics; Mike Hutcheson - Executive Director, Image Centre Group; Josh Williams - Chief Executive, Industry Training Federation; Jason Walker - Managing Director, Hays Australia/New Zealand; and Jo Cribb - Diversity Consultant. We were delighted to have 1 News anchor Wendy Petrie as our MC.

There were three key takeaways from the day - ideas for how the delegates could tackle skills shortages in their own organisations and industries:

- Develop and tell their story – promote the purpose of their industry through the right channels to reach potential employees
- Increase diversity in the workplace – increase female and multi-ethnic participation
- Develop an employee value proposition - outlining career and recognition opportunities.

eLearning package for unit standard 7142

Following the development of the eLearning package for unit standard 7142 *Demonstrate knowledge of the application of regulatory requirements to manage an extractive site*, two learners have been identified by MITO and will soon trial the online package. We have now extended the package to include the assessment which is module-based to align with the learning content.

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Quarry Essentials Pocket Guide

Training

Ensure plant operators and excavator and truck driver are trained. Keep written training records.

A quarrying manager at a site where more than four workers ordinarily work at any one time must hold an A-grade certificate of competence as a quarry manager. Otherwise, they must hold a minimum of a B-grade certificate of competence as a quarry manager.

More information on what is required for a certificate of competence is available on worksafe.govt.nz.

For more information refer to Section 1.6 of *Health and Safety at Opencast Mines, Alluvial Mines and Quarries*.

Visit us on STAND 26 to learn more

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NEW ONLINE EXTRACTIVES COC APPLICATION AND CPD LOGBOOK SYSTEM

Online applications for extractives certificates of competence will be available from 7 July. Applicants will be able to submit documentation electronically, making it easier to apply. It is expected that this will cut application processing times. Applicants will still be able to apply for CoCs in hard copy. The online application system will be available on the New Zealand Mining Board of Examiners website.

The next stage in the move to online processing will give every CoC holder secure access to an online continuing professional development logbook. CoC holders will be able to input information directly into their own online logbook and will see in “real time” their progress towards getting their CPD hours. More information will be provided towards the end of July.

For more information about the new system, please contact the Secretariat: BoE_Secretariat@worksafe.govt.nz or 04 901 4980.



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- Longer life when screening materials such as quartz, silicon, sand, gravel etc
- Polyurethane exhibits the characteristic elasticity of rubber
- The distinct advantage poly mats have over rubber is the accuracy of the cast apertures
- When compared to rubber, polyurethane mats allow for more precise screening



Features and Benefits

- Outstanding Wear Resistance
- Increased Service Life
- Reduced Noise Emission
- Good Self-Cleaning Properties
- Exact Sizing
- Lower Cost

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



Our website provides information on the following;

- IOQ Executive Committee,
- Branch Chairmen and Secretaries,
- Upcoming branch meetings
- Conference updates
- Awards nomination forms
- Membership forms,

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

www.ioqnz.co.nz

Welcome to New Members

Name	Category of Membership	Branch
Tony Turnbull	Member	Northland
James Veint	Member	Otago/Southland
Kevin Marshall	Member	Otago/Southland
Mark Goodin	Member	Central Districts
Neville Fitch	Associate	Waikato/BOP
Adrian Lucchesi	Associate	Waikato/BOP
John Batters	Member	Northland
John Rusbatch	Associate	Canterbury
Blair Frampton	Associate	Canterbury
Peter Goodwin	Associate	Waikato/BOP
Sean McIntyre	Member	Central Districts
Dave Mills	Associate	Waikato/BOP
Erik van Hout	Associate	Central Districts
Brian Falk	Associate	Waikato/BOP
Amanda Burke	Associate	Canterbury
Kevin Sutherland	Member	Otago/Southland
Rex England	Member	Waikato/BOP
Peter Frost	Member	Central Districts
Wayne Patterson	Member	Otago/Southland
UPGRADES		
Mike Higgins	Fellow	Canterbury
Paul Pascoe	Member	Canterbury
Craig Payne	Member	Waikato/BOP
TRANSFERS		
Wayne Scott (from IQA)	Fellow	Wellington