



Executive Committee 2015/16:

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Mr Les Ward

Vice President:

Mr Peter Morgan

Immediate Past President:

Mr Gordon Laing

Board Members:

Mr Selwyn Dodd

Mr Darcy Maddern

Mr Gavin Parker

Mr Dean Torstonson

Mr Malcolm Vince

Mr Matt Webster

Web Manager:

Mr Murray Discombe

National Secretary/ Treasurer:

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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: 44

Newsletter Date: March 2016

President's Report

Welcome to our first newsletter for 2016. Daylight saving ends at the beginning of April, which means Winter (rain and cold) is just around the corner.

The Executive committee have met once since our last newsletter. It was a very full meeting with many topics being tabled and to be discussed. Firstly we had a joint meeting with AQA committee, where Les McCracken gave the joint meeting a run-down of what is happening in MinEx. Then we went to our separate meetings.

The first topic on the agenda, which is the biggest and one of the most important topics that is on everyone's lips was CPD (Continuing Professional Development) and how it is going to affect all COC holders and what they have to do to achieve the hours that are required by WorkSafe. For more information, please refer to page 6 of this newsletter.

With that thought, I would like to state that the IOQNZ Executive committee is committed to provide an opportunity for all its members to take part in on-going training. Working closely with IQA in Australia, the IOQNZ Executive have started offering "Webinars" and "Specialist CPD Courses" to support our members to meet CPD minimum requirements.

Our first "Webinar" was held on 22 March with full attendance and another is scheduled on 29th March. The first "Specialist CPD course" will be held in April - each course is 8 hours and six (6) hours of formal CPD has been approved for this continuing development programme. See page 9 for more information on course content.

WorkSafe are also holding workshops around NZ on CPD requirements, so please look out for when they are in your area. See page 12 of this newsletter for dates.

Also this year IOQNZ is sponsoring the Dr Sabina Michnowicz Tour, around our IOQ branches. Dr Sabina has offer to present her findings on "Exploratory Study of the Potential Airborne Health Hazards of Dust Generated by Volcanic Deposit". Her presentation will be considered "Formal Training" for CPD purposes. For tour dates - please refer to page 8 of this newsletter.

Our History Book (Volume 2) has been commissioned and will be available to everyone mid June of next year. It will have some interesting characters in it.

As you are all aware, this year's Quarry NZ Annual Conference



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President's Report cont...

is being held in Blenheim on the 13-15 July, registration is now open, get in early so you don't miss out. Also the "Award Nominations" are now open, so hopefully we will have some good nominations from all over the country. There are some great awards to be won. For more information on the awards – please refer to page 15 of this newsletter.

Finally the new Chief Inspector Mark Pizey takes up his new role at the end of April. We all look forward to seeing Mark at this year's conference in Blenheim.

Les Ward
IOQNZ President



2016 Quarry NZ Conference Blenheim

Registrations now open

Details can be found on :
Quarry NZ Website

www.quarrynz.com

Certificates of Competency Renewal Date extended

WorkSafe NZ have confirmed the deadline for Quarry Managers to renew Certificates of Competency has been extended from 31 December 2015 to 31 December 2016.

The IOQNZ urges each of you to continue in your endeavours to complete these as soon as possible and well before the new deadline. WorkSafe NZ will not grant another grace period.

Should you have any queries, please contact WorkSafe NZ directly:

Nicola.Kitchen@worksafe.govt.nz or 04 896 5408



Upcoming Conference Dates

14-15 April 2016

IQSA Conference with ASPASA/GAIN, Cape Town

28-30 June 2016

Hillhead Show—UK

13-15 July 2016

IQNZ Conference, Blenheim

25-26 October 2016

IQM Conex Conference and Exhibition, Kuala Lumpur

26-28 October 2016

IQA CMIC Conference, Melbourne

17-19 November 2016

IQHK Conference, Presidents meeting and gala dinner, Hong Kong

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Auckland Branch Report by John Quayle, Branch Chairman



The first meeting for the Auckland Branch was a field trip arranged for 25 February 2016 by Winstone Aggregates (or **GBC Winstone** as they're now called) to view the remains of the existing Hunua pit, together with the new venture at Symonds Hill. Approx 45 attended. Quarry Manager, Ben Hawkins and other key staff provided very informative commentaries as we were ferried around in mini vans. Murray Discombe's report is attached below.

Symonds Hill Field trip by Murray Discombe

Planning for a new quarry takes a long time. Bryan Bartley worked with Winstones in the early '60s. He was a visionary, calculating that by early in the 21st century that Hunua Quarry would play a vital role in supply of aggregate to the Auckland market. A quarry pit at **Symonds Hill** formed part of that equation.

Resource Consents were obtained, but prior to turning the first sod, Keith Barber's environmental team carried out an extensive programme of rats, possums, stoats and feral cats eradication from the whole area, together with the now famous "Auckland Green Gecko Relocation Project".

Realising that rehabilitation also forms a key aspect of quarrying, an on-site nursery was also established to propagate a wide range of NZ native plants for this aspect of the project, as well as assisting three Auckland primary schools develop new skills - growing and planting native trees.



Hunua Pit being filled with stripping / overburden from Symonds Hill quarry.

The stripping programme (C&R Developments) is well underway at Symonds Hill with much of the overburden being placed and compacted to form a well-engineered buttress below the faces and benches at the west of the "Hunua Pit".

Drilling has also commenced at Symonds Hill and the first grey-coloured flinty greywacke has been discovered at RL160.

The Hunua team are optimistic that Symonds Hill will yield sufficient rock for another 20-35 years. By then the pit will be at RL minus 140, some 300m deeper than the level where aggregates are currently being won. That's some hole. Sound like there's a good chance of another trip or three over the next twenty years!

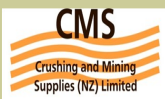


Of course quarries require all manner of large portable plant to keep the operations ticking along. Two new Volvo L250H loaders were on show, fitted with the latest Trimble Loadrites. **Transmission Diesels** (Volvo distributors in NZ) were the sponsors for refreshments held after the event at the Papakura Club.

Great afternoon, thanks to both Winstones and Transmission Diesels.

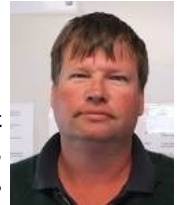


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Waikato/BOP Branch Report



We had our first branch meeting for the year at Goughs in Hamilton. Guest speakers for the night were James West from Goughs on machine technology, Zeljko Viljevac (senior Engineering Geologist) spoke on rock faces, development, stability & maintenance and Trent Morcombe (Technical Services Engineer) from Orica Mining Services did a presentation on blasting IQ (blasting tracking in quarries).

Goughs had a 966K wheel loader, 320E digger & 12 M grader on display. Thanks to Goughs for putting on the evening.

IOQ/Civil Contractors golf day at the Tahuna golf course on the 27 February 2016 was a great day with the civil Higgins team taking it out again. Thanks to our sponsors Prime Explosives, 820 c Hydraulic hoses, Goughs, THL, Real Steel, Higgins, and Porter Equipment.

We were to have a field trip to Blue Pacific Minerals on 12 March however due to lack of numbers we postponed it for later in the year. We are also looking at another field trip to Taharoa iron sands, waiting on suitable date hopefully in April.

THL fishing trip is booked in for the 15 of May, good numbers for it, limited to 40 people.

Our next Branch meeting will be at Porter parts on 19 April, Dr Sabina Michnowicz will be speaking on Potential Airborne Health Hazard of Dusts Generated by Quarrying Volcanic Deposits.



Central Districts



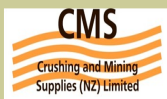
It has been a quiet first quarter for the Central Region.

We have had two new members sign up and continued enquires from other sources, largely from people gearing up to meet their CPD requirements.

There are some issues raising numbers to attend A+B grade training courses locally, which is why most providers are not undertaking training in the Central District. If anyone is interested in training in 2016 put your hand up so we can boost the numbers attending courses locally.

Planning is underway for a technical evening in Palmerston North and hopefully a site visit down the track as well. We will be notifying everyone of the tech evening once details have been finalised.

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Canterbury Branch Report



Our main event since the last newsletter was a follow up field trip to the Isaacs Quarry, to inspect the level of guarding systems that have been implemented since the last visit, some 12 months prior. The evening was hosted by Mike Higgins and the Isaacs team, and was sponsored by Rex, John, and the guys at Mimico. In addition to this we outlined our plan for 2016 and the importance of attendance, CPD's, and the Webinars.

We were lucky to have WorkSafe representative Phillip Fourie attend this event as well, who provided great insight into Managing Change. The event was attended by around 40 people and was a great success.

Our Sub Committee is well into building our 2016 Events Calendar, which will be released to the members shortly. Our next event will be the Dr Sabina Michnowicz Tour on the 29th of March.

We also have an event coming up at AEG, to be held mid-May. Our focus for the rest of the year is obviously the annual conference, followed by an AGM (date to be confirmed), and a field trip to some hard rock quarries later in the year. We are mindful of, and focused on, both increasing interest in the IOQ, and technical talks that add value to the members

We are looking forward to a busy few months ahead.

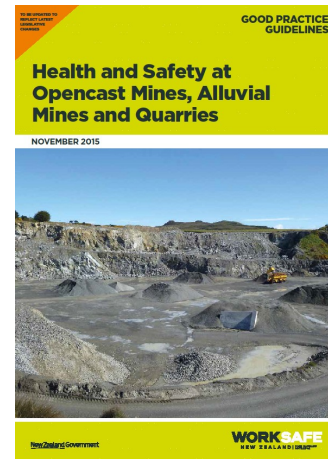
Gavin Parker & Andrew Falloon
Branch Chairman & Secretary



IOQNZ ENVIRONMENTAL COURSE APRIL 2016

**This is a one day course (see pg 9)
six (6) hours of formal CPD has been
approved for this continuing development
programme.**

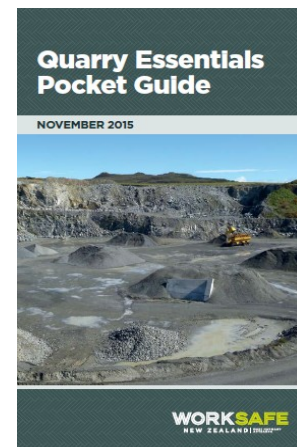
Good Practice Guidelines



**To view Good Practice Guidelines—
please visit:**

<http://ioqnz.co.nz/2015/12/worksafenz-release-good-practice-guidelines/>

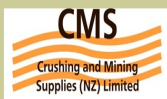
Quarry Essentials Pocket Guide



**To view Quarry Essentials Pocket
Guide—please visit:**

<http://ioqnz.co.nz/wp-content/uploads/WorkSafe-mines-and-quarries-gpg-pocketguide.pdf>

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Continuing Professional Development

DO I HAVE TO DO CPD?

The Health and Safety in Employment (Mining Operations and Quarrying Operations) Regulations 2013 require that all holders of a CoC must comply with CPD requirements. In order for your CoC to be renewed, you will need to demonstrate that you have done so.

I DON'T WORK IN THE EXTRACTIVES INDUSTRY BUT WANT TO KEEP MY CoC CURRENT. WHAT DO I DO? Everyone who holds a CoC and wants to renew it must meet the CPD requirements regardless of whether or not they are working within mining, quarrying or tunnelling workplaces throughout the five-year period of a CoC.

SUMMARY OF CPD REQUIREMENTS

- Based on hours.
- Have a five year cycle which starts with the date a CoC has been issued. This is because CoCs must be renewed every five years.
- Additional hours earned in one year can be carried forward to be counted towards the next year's hours but not beyond that.
- Learning must be undertaken across a relevant range of topics within the required competencies in each five year period.
- A minimum of two-thirds of total hours each year must be formal learning. Up to a third of total hours can be informal learning. What is considered formal and informal learning is found on page 5-6 of the CPD Guidelines for Extractives.
- CoC holders who hold more than one CoC in the same category (eg quarrying) only need to complete requirements for the most senior CoC they hold. For example, a holder of a B and A grade quarry manager's CoC need only complete the A grade quarry manager's requirements.
- CoC holders who hold CoCs in different categories (eg quarrying and tunnelling) need to meet the hours requirements for the most senior CoC (ie they do not need to meet the minimum hours for both CoCs) but must ensure that any specific requirements for other CoCs held are met

KEEPING A CPD RECORD

CPD activities must be recorded in the approved logbook. Activities should be recorded as you go along. Remember to keep all evidence of the activities in case you are asked to provide evidence when you apply for renewal of your CoC(s).

**For any questions around CPD—please contact the
BOE-Secretariat@worksafe.govt.nz or phone 04 901 4980.**

Workshops will be held around NZ in the next few months. Please refer to page 11 of this newsletter for dates and towns.

Continuing Professional Development guidelines for Extractives

February 2016



New Zealand Government

WORKSAFE
NEW ZEALAND

To view CPD Guidelines for Extractives—please visit:

<http://ioqnz.co.nz/wp-content/uploads/WSNZ-CPD-Guidelines-final.pdf>

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IOQNZ 2016 Calendar



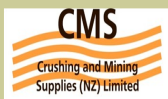
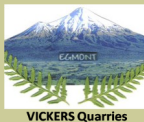
Opportunities to increase your CPD hours

Tuesday 22 March	Health & Safety Act 2016 Webinar - FULL & COMPLETED
Tuesday 29 March	Health & Safety Act 2016 Webinar - NOW FULL.
Tuesday 29 March	Dr Sabina Michnowicz Tour—Canterbury Branch
Thursday 31 March	Dr Sabina Michnowicz Tour—Otago/Southland Branch
Monday 4 April	Environmental Management for Quarries Course—Matamata
Tuesday 5 April	Environmental Management for Quarries Course—Matamata
Thursday 7 April	Environmental Management for Quarries Course—Christchurch
Friday 8 April	Environmental Management for Quarries Course—Christchurch
Tuesday 12 April	Dr Sabina Michnowicz Tour—Auckland Branch
Thursday 14 April	Dr Sabina Michnowicz Tour—Northland Branch
Tuesday 19 April	Dr Sabina Michnowicz Tour—Waikato/BOP
Tuesday 26 April	Christchurch CPD Workshop
Wednesday 10 May	Far North CPD Workshop
Thursday 16 May	Matamata CPD Workshop
Thursday 9 June	Nelson/Blenheim CPD Workshop
Thursday 7 July	Auckland CPD Workshop
Wednesday 13 July	Quarry NZ Blenheim Conference
Thursday 21 July	Westport CPD Workshop
Tuesday 9 August	Dunedin CPD Workshop
Thursday 25 August	Invercargill CPD Workshop
September/October	Jim Macdonald Memorial Lecture Tour 2016

Additional CPD opportunities include:

- Attendance at Branch Technical Evenings and field trips. Dates will be placed into the IOQNZ diary once confirmed.
- Attendance at IQ conferences overseas. For dates—please refer to page 2 of this newsletter.

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Dr Sabina Michnowicz Tour

March/April 2016



The Institute of Quarrying NZ (Inc.)

proudly presents:

Dr Sabina Michnowicz Tour

**"Exploratory Study of the Potential Airborne Health Hazard of Dusts
Generated by Quarrying Volcanic Deposits"**

Occupational exposure to dust generated by quarrying siliceous rocks (e.g. sandstone or coal) is a well-known respiratory hazard; similarly, the hazard of inhaling volcanic ash is also routinely studied in volcanically active areas. The specific respiratory hazard of quarried volcanic deposits is under-researched and this is the first time that volcanic quarry dust has been investigated to determine the type of hazard it poses. Inter-disciplinary research was conducted combining several scientific disciplines: mineralogy, toxicology, chemistry and social sciences. This enabled a holistic exploration of the quarry workers' exposure to dust and aided in investigation of whether that exposure might potentially be hazardous. Dr Sabina Michnowicz will share the findings of her research which included visiting seven quarries in the North Island, as well as quarries in Greece, the UK and Montserrat (Caribbean).

Dr Sabina Michnowicz will be presenting technical evenings in your area as below:

Tues 29 March	5.30pm	BNZ Centre, Sir William Pickering Drive, Russley, CHRISTCHURCH
Thurs 31 March	7.30pm	Goughs Yard, 24 Teviot St, DUNEDIN
Tues 12 April	TBC	Trimble Load Rite, Patiki Road, Avondale, AUCKLAND
Thurs 14 April	TBC	TBC, WHANGAREI
Tues 19 April	TBC	Porters Parts Building, 980 Te Rapa Road, HAMILTON

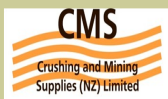
This presentation will be considered formal learning for CPD purposes.

Biography

Sabina Michnowicz completed her PhD under the supervision of Claire Horwell at Durham University. Sabina was appointed an Honorary Research Fellow of the Hazard Centre at University College London in 2012 and elected to the committee of the Extractive Industries Geology conferences group with responsibility for continuing professional development (CPD) in 2013. In 2015 Sabina completed a postdoctoral project with Prof Gillian Foulger at Durham University on the health hazards associated with Italy's Mt Etna. She is an avid science communicator whose work has featured across radio and TV documentaries, and she has twice been honoured in the UK Young Science Writer of the Year awards.



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IOQNZ presents.....

Specialist CPD Courses & Webinars

Limited spaces available



Your IOQNZ Executive Committee is committed to providing an opportunity for all members to take part in on-going training and since the Annual 2015 Conference in Hamilton, the IOQNZ has worked closely with Institute of Quarrying Australia (IQA) on developing a mechanism for registration / payment of webinars and for some specialist CPD courses.

Following the very successful free trial webinar run last year, a further series of webinars will be commencing shortly. We have been told that many small operators find it quite difficult to make the time to head away to attend training courses. While the “classroom environment” provides the opportunity for the tutor / presenter to reach many people at the same time, the nominated date may not always suit all. Participants in the webinar format can simply login and listen to a presentation in quiet room at work. All that's required is a computer and internet although headphones would be recommended.

WEBINARS – HEALTH & SAFETY AT WORK ACT 2015 - NOW FULL

presenter Philip Fourie, Specialist Health and Safety Inspector, WorkSafe NZ.

March 22 10am – [Health and Safety at Work Act 2015](#)—Full & Completed

March 29 10am – [Health and Safety at Work Act 2015](#)—Full

This webinar covers 1 hour formal learning CPD.

CPD SPECIALIST COURSES - LIMITED SPACES AVAILABLE

The IQA has made available two Environmental Engineers, Tegan Smith and Clayton Hill, to present to IOQNZ members interested in obtaining an awareness of environmental management issues across the quarry industry together with practical measures and strategies that can be implemented to reduce or ameliorate these issues.

Each course is 8 hours duration and **six (6) hours of formal CPD has been approved for this continuing development programme.** The course is delivered across 8 Modules including Compliance and reporting, Water management, Soil and Erosion, Air Quality, Noise and Vibration, Rehabilitation, Community Liaison and Oil, grease and chemicals. Courses will be held on two successive days in

Matamata:

April 04 – [Environmental Management for Quarries](#)

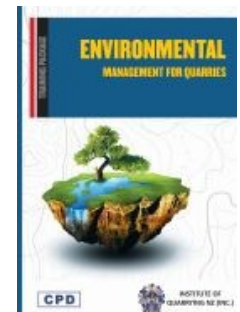
April 05 – [Environmental Management for Quarries](#), and in

Christchurch:

April 07 – [Environmental Management for Quarries](#)

April 08 – [Environmental Management for Quarries](#)

[Course & presenters information](#)



Register now, by clicking the links in bold above. Anyone can register; IOQNZ Members receive a discount. Costs for these CPD courses are shown on the link pages.

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A perfect fit for peace of mind



MATAMATA INDUSTRIAL MACHINERY IMPORTS LTD

Crafted to the same strict specifications and exacting standards as their equipment, Metso's genuine parts ensure equipment compatibility for trouble-free operation. Original equipment manufacturer (OEM) parts provide you peace of mind through long-lasting solutions.

MIMICO, the New Zealand distributor of Metso equipment, parts and service knows that quality and availability of parts will boost your profitability.

To achieve cost efficiency, long service life and unsurpassed safety, Metso uses the highest quality material to make their parts. In equipment with high utilisation rates like crushers, even the smallest deviation in one of its components can result in huge profit losses.

Metso crusher wear parts are the best way to protect your crusher against hazards such as overload, unplanned shutdowns and premature wearing out of main components.

Ants Billman, MIMICO's aftermarket parts sales and support for the North Island, has seen some excellent results from customers using Metso spare and wear parts. "We have a number of the new Barmac orange rotors running in the North Island," said Billman. "Every operation has commented on the longer life received from their tips and cavity wear plates, the common retaining pins for both parts and the ease of changing the parts out.

"Clients are also purchasing modular, PCL wire, Poly and Rubber screen panels and seeing benefits with our Metso product through longer reliable service life, which means less downtime spent changing out screen media and more time screening and crushing," said Billman.

Further south MIMICO's Deane McKechie has a similar story to tell.

"A satisfying part of my job has been helping a number of customers who experienced production issues, along with major failures

and higher than usual crushing pressures," said McKechie. "None of these guys were using genuine Metso parts. Once genuine parts were reintroduced consistently high production was restored," explained McKechie.

[Read the full version of this article at:
www.mimico.co.nz/News/General-stories/A-perfect-fit](http://www.mimico.co.nz/News/General-stories/A-perfect-fit)

Advertisement T R Industries

TR Industries as a "Friend of the IOQ" does not only sell electric motors and drives to the quarry industry but as your Friend they encourage you to have them serviced. The WEG Authorised Service Centre's are certified service and repair agents for the WEG Motors and as you start planning your maintenance over the winter months contact your nearest service centre and discuss what they can do for you – they will service any brand of motor.

Even **WEG**'s need maintenance

Find your nearest
Authorised Service
Centre on our website:
www.TRIND.co.nz

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MITO Update



MITO'S MINI MAKEOVER

We're excited to unveil a refreshed identity for MITO.

Designed in-house, it's more evolution than revolution with some subtle changes; brighter blue and green brand colours, a cleaner, more contemporary font, and a stronger overall design. It's been eight years since we last updated our logo and we feel these clear visual alterations build on MITO's strong brand equity, while at the same time infusing new energy into our brand.

We will be rolling out our refreshed logo straight away and the complete transition will occur over the next 12 months.

FEES 2016

There has been no increase in the 2016 training fees for the New Zealand Certificate in Mining and Quarrying (Level 2) which was launched at the NZ Quarry Conference in Hamilton in July 2015.

There was a slight (5%) increase for the National Certificates in Mining Administration (A and B Grade) effective from 1 January 2016 to 31 December 2016, thereby aligning with the extension notified by WorkSafe NZ.

In good faith, MITO will work collaboratively with the sector to develop training programmes for the New Zealand Certificates (which will replace the National Certificates) during 2016 enabling, wherever possible, pricing economies beyond 2016.

Programme	2015 fee*	2016 fee*
New Zealand Certificate in Mining and Quarrying (Level 2) without a workplace assessor	\$2,300	\$2,300
New Zealand Certificate in Mining and Quarrying (Level 2) with a workplace assessor	\$1,090	\$1,090
National Certificate in Extractive Industries (Mining Administration Surface Extraction B Grade) (Level 5) without a workplace assessor	\$1,090	\$1,145
National Certificate in Extractive Industries (Mining Administration Surface Extraction B Grade) (Level 5) with a workplace assessor	\$711	\$747
National Certificate in Extractive Industries (Mining Administration Surface Extraction A Grade) (Level 5) without a workplace assessor	\$1,596	\$1,676
National Certificate in Extractive Industries (Mining Administration Surface Extraction A Grade) (Level 5) with a workplace assessor	\$1,117	\$1,174

*ex GST and any prompt payment discount.

NZ Mining Board of Examiners Update

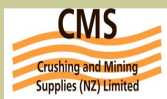


The Board of Examiners has now begun implementation of CPD. We are currently meeting with key stakeholders around NZ to filter through information on CPD and introduce a series of workshops we are running throughout the country. The workshops will focus on how to plan your CPD and understanding how CPD works for you. Workshop's will be held on the following dates:

Tuesday 26 April - Christchurch
Wednesday 10 May - Far North
Thursday 16 May - Matamata Area
Thursday 9 June - Nelson/Blenheim
Thursday 7 July - Auckland Area
Thursday 21 July - Westport
Tuesday 9 August - Dunedin
Thursday 25 August - Invercargill
Tuesday 6 September - Hawkes Bay area (this date is moving)

The Board of Examiners has started to filter through FAQ's and we will be aiming to publish this information before the first workshop. To date we have received approximately 10 CPD logs and we encourage you to submit them through to the BoE_Secretariat@worksafe.govt.nz on at least a monthly basis. The Board had it's first board meeting of 2016 and will be publishing some information on oral examinations in May 2016.

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MEDIA RELEASE

WorkSafe appoints new Chief Inspector Extractives



Media Release

27 January 2016

WorkSafe appoints new Chief Inspector Extractives

A new Chief Inspector will take over leadership of WorkSafe's engagement, education and enforcement in the extractives sector at the end of April.

Mark Pizey is currently Solid Energy's General Manager, Pike River Drift Re-entry Project and has been appointed after an international search to replace the current Chief Inspector Tony Forster who returns to the United Kingdom this week at the conclusion of his contract.

"This is a critical role in WorkSafe's ongoing commitment to achieving at least a 25 percent reduction in workplace fatalities and serious injuries in New Zealand workplaces by 2020. Mark Pizey is well qualified and experienced to lead this work in the underground and alluvial mining, and the quarrying and tunnelling sectors," Gordon MacDonald, Chief Executive of WorkSafe New Zealand says.

"Very substantial progress has been made in improving health and safety outcomes in the extractives sector under the outgoing Chief Inspector, and Mr Pizey's lengthy history in health and safety in this sector, mostly with Solid Energy in executive roles, will ensure continuing leadership based on practical, direct knowledge of the extractives environment.

"Mr Pizey brings hands-on mining engineering experience to the role, along with a strong managerial focus in recent years with Solid Energy. This combination of expertise is not easy to find and we are fortunate to have been able to appoint a person of his calibre to continue our positive collaboration with the sector to achieve better health and safety outcomes for everyone," Mr MacDonald says.

Mr Pizey will be based in Christchurch.

Until Mr Pizey takes up his role, the Deputy Chief Inspector Extractives, Dave Bellett will lead the team as Acting Chief Inspector.

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FOR THE BEST OF THE BEST

Check out the IOQNZ 2016 Awards brochure

<http://ioqnz.co.nz/wp-content/uploads/IOQ-Awards-2016.pdf>

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Certificate of Competence Questions

Who should we contact?



Below is a guideline of who to contact:

Do I need a COC?

Contact NZ Mining Board of Examiners Secretariat

What unit standards do I need to do to keep my COC?

Contact NZ Mining Board of Examiners Secretariat

I want to apply for a COC or a COC renewal (I have the unit standards I need)

Contact NZ Mining Board of Examiners Secretariat

I need training for some unit standards required for the COC

Contact MITO Industry Training Advisor.

I hold Australian Units of Competency; can these be used in place of the NZ ones?

Contact MITO National Assessor

I hold an Australian COC; do I need a NZ one?

Contact NZ Mining Board of Examiners Secretariat

I have questions about continuing professional development (CPD) requirements

Contact NZ Mining Board of Examiners Secretariat

I have questions about Logbook requirements

Contact NZ Mining Board of Examiners Secretariat

I have questions about the examinations for COCs

Contact NZ Mining Board of Examiners Secretariat

Contact details for NZ Mining Board of Examiners Secretariat – Nikki Kitchen

Phone: 04 901 4980

Email: BoE_Secretariat@worksafe.govt.nz

Contact details for MITO

Phone 0800 88 21 21

Email: info@mito.org.nz



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MinEx Update

Every person, Every Workplace from April 2016

From Monday April 4, the central core of a new legislated approach to health and safety takes effect. As a mine or quarry operator, worker, director and even visitor, the new Health and Safety at Work Act 2015 makes major requirements of you. The Health and Safety at Work Act 2015 (HSWA) is the overarching legislation. It requires an employer to take all reasonably practicable steps to ensure the safety of employees and others while at work.

CPD doesn't mean Classroom Persistent Demands

There's a lot of confusion about the requirement under the new H & S legislation for Continuing Professional Development once you've finished updating your Certificate of Competence.

That emerges even with a new set of Guidelines from WorkSafe which spell out what CPD is required as from the start of this year.

Yes, you do need to do a minimum of 24 hours per year CPD as an A Grade CoC and 12 hours per year as a B Grade; CPD does not, however, insist that you to return to a classroom for 1.5 or 3 days a year. Two thirds of the hours needs to be 'formal' training but there are a number of ways which you can accumulate CPD hours across two requirements.

- Competency requirements – subjects you complete in CPD need to ensure you have a range of skills and knowledge rather than gaining all your CPD in a few narrow areas; and,
- Learning which can be formal and informal so that skills and knowledge are not just maintained but new skills and knowledge are learnt.

The competency requirements are split into 4 areas: operating and safety systems, legislation, emergency management and leadership. You must split your CPD across all of these subjects rather than just concentrating on one area.



The guidelines give you a much more detailed list of the types of learning you could undertake under each major heading.

You can gain CPD credits via both formal and informal learning and again the guidelines give details of what this means. Formal learning, for example, is attending the QuarryNZ conference or the AusIMM conference for New Zealand. There are a range of presentations at such conferences that qualify as CPD. Attending one of MinEx's forums run in conjunction with WorkSafe, also qualifies for CPD hours. We are holding our first this year in New Plymouth, then Palmerston North and Napier. (Dates/venues on line soon at www.minex.org.nz).

The IOQNZ also regularly runs training sessions that meet CPD requirements in smaller blocks. The next are one-day courses on Environmental Management for Quarries being held in Matamata on April 4/5 and then in Christchurch on April 7/8. See <http://ioqnz.co.nz/2016/03/webinars-and-cpd-programmes/>

Informal learning could be reading publications, attending field trips, delivering in-house training like a new employee induction, equipment and manufacturer's training, workplace mentoring and many other examples.

You will need to note down such learning and include it in summary to be sent monthly to Gina Matenga at WorkSafe - gina.matenga@worksafe.govt.nz.

Training for new competencies

MITO advises that 940 people have completed the human factors and 1900 have completed the risk management unit standards. We think upwards of 500 are yet to complete all of the extra competency requirements which now need to be completed by 1 January 2017.

Training leadership group

The group will meet in late March and continue its work towards implementing the September 2015 Training Forum outcomes and addressing a range of training related issues

CPD Administration

The Board of Examiners will be holding workshops on CPD from April onwards.

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IOQNZ Award Nominations

Blenheim Conference 2016

The Institute of Quarrying NZ (Inc) has a number of prestigious awards available which are presented each year at the Annual Conference.

Any member can nominate an IOQ member from their local branch who they believe to be the most deserving for an award - see the categories below. For further information is available on the website or from your Branch Chairman or Secretary.

Nominations should include some background information about the person: current job description, a mini version CV.

Please review the criteria for nominations as described in the Awards section on the IOQ website - <http://ioqnz.co.nz/awards/>, to ensure the member you wish to nominate is eligible. Include your reasons for nominating, and a contact phone number.

Awards offered are -

- Niemac Trophy
- Rocktec Innovation Award
- RD Hassed Memorial Trophy
- Lyn Jordan Memorial Trophy
- Winstone Aggregates Safety Award (**nominations to be received by 30 April**)
- Porter Equipment Quarry Leadership Award
- Institute of Quarrying NZ Award
- BR Webster Family Educational Scholarship
- Citation
- AJ & RJ Loader Shield for Best Sponsor's Display
- Caernarfon Award

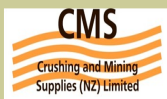
Nominations are to be received by 31 May 2016

Please note that the AJ & RJ Loader Shield for best sponsor's display is judged during the Annual Conference.

Send completed nomination forms together with supporting photos and documentation to the **IOQNZ Secretary, P O Box 9 Paeroa**. An electronic copy can also be sent to ioq@xtra.co.nz.

To view the IOQNZ Awards Brochure —please click on the link <http://ioqnz.co.nz/wp-content/uploads/IOQ-Awards-2016.pdf>

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Advertisement - Oil Imports

Total's Rubia Works 2000 – Made for Off Road Equipment



Oil Imports are pleased to announce the introduction of **Total Rubia Works 2000 10W-40**. This is Total's first specially formulated diesel engine oil specifically for off road earthmoving and construction and the only off road engine oil approved by JASO with the DH-2 spec.

Rubia Works 2000 10W-40 has been designed as a high performance diesel engine oil for use in equipment operating in mines, quarries or other earthmoving operations. It is used generally for engines that are required to operate for long periods at full capacity or with repeated acceleration and idling cycles. The low SAP characteristics of this oil makes it suitable for engines with and without particulate filters.

Rubia Works 2000 10W-40 is approved against JASO DH-2, meets ACEA level E7/E9, and exceeds API CJ-4/ CI-4 plus/ SM specifications. Although specifically developed for Japanese equipment, **Rubia Works 2000 10W-40** can also be used with European and American engines. It has Mercedes-Benz, Deutz, Volvo, MAN, MTU, Cummins and Renault approvals, and meets the specification, or is suitable for the use in the engines of a wide range of vehicles found throughout the earthmoving and construction sectors.

Mobile equipment operated in the quarrying, mining or construction sectors experience different conditions than those operating in the commercial transport sector. The exposure to extended idling, high loads and rough terrain place additional pressure on all components, particularly in New Zealand where equipment is constantly operated at full capacity. The availability of an engine oil to better combat the pressures exerted on an engine under these tougher conditions is the reason **Rubia Works 2000 10W-40** has been introduced. The formulation of the **Rubia Works 2000 10W-40** is designed to ensure that your mobile equipment will be afforded the protection required to maintain reliability and improve performance.

For more information or to register your interest please contact Martin Hammond 027 550 6651 or email martin@oilimports.co.nz

IOQNZ History Book Volume 2

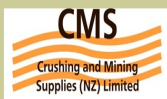
The IOQNZ Executive have approved the production of Volume 2 of our History Book "Profiles in Stone".

Names have been forwarded to the authors, Louise Foord and Neill Clayton who will once again record and recognise the people who have played an important role in the quarry industry and the Institute of Quarrying NZ Inc.

Volume 2 is expected to be completed by June 2017.

We will update you with progress along the way!

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Recent Correspondence Distributed to members on behalf of



Oral Examination Dates for Certificate of Competence in 2016— December 2015

The New Zealand Mining Board of Examiners (the Board) has released dates for the first half of 2016 for the Certificate of Competence (Coc) Oral Examinations.

For more information on how to apply—visit http://ioqnz.co.nz/wp-content/uploads/WSNZ_2087_Exam_Dates_for_Coc2016.pdf

DATE	COC EXAMINATION
16-18 February 2016	Quarry examinations
8-10 March 2016	Tunnelling & Mining examinations
3-5 May 2016	Site Senior Executive examinations
17-19 May 2016	Mechanical & Electrical examinations
14-16 June 2016	Quarry examinations

Continuing Professional Developments Guidelines for Extractives—December 2015

Work Safe have released the CPD requirements in a Gazette notice on 10 December 2015. CPD guidelines have also been released. Work shops will be held across the country in 2016 to give CoC holders the opportunity to learn more about CPD and how they will be administered.

To view the gazette notice, please click on the below link:

<http://ioqnz.co.nz/wp-content/uploads/WSNZ-CPD-gazette-notice12.15-final.pdf>

For a copy of the guidelines , please click on the below link:

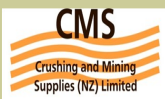
<http://ioqnz.co.nz/wp-content/uploads/WSNZ-CPD-Guidelines-final.pdf>

WorkSafe appoints new Chief Inspector Extractors —January 2016

WorkSafe has appointed Mark Pizey as the new Chief Inspector Extractives. Mr Pizey will be based in Christchurch.

To view the media release—please refer to page 12 of this newsletter.

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Quarry Essentials Pocket Guide

Roadways

Where practicable segregate light vehicles on roads used by off road dump trucks. This is to eliminate interactions between light and heavy vehicles (see Figure 3).

The hierarchy of controls for controlling light and heavy vehicle interactions is:

1. separation (different haul road)
2. segregation (bund separation on same haul road)
3. administrative controls.

Consider the interactions of light and heavy vehicles when entering and leaving haul roads.

For more information refer to section 5 of Health and Safety at Opencast Mines, Alluvial Mines and Quarries.

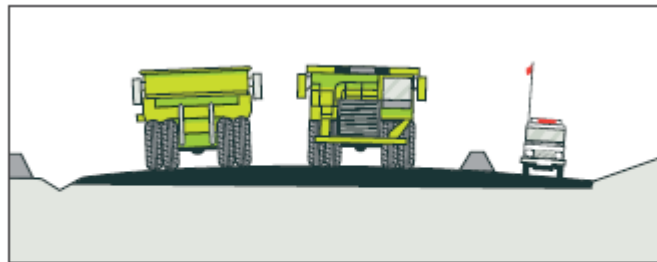


Figure 3: Segregation of light vehicles

Ensure roads and other vehicle operating areas are safe by their design, rather than rely on drivers' or other workers' actions.

Haul roads should have a gradient of 1:8 or less.

Ensure windrows are at least half the wheel height of the largest vehicle that operates in the area at any time.



Figure 4: Example traffic management sign

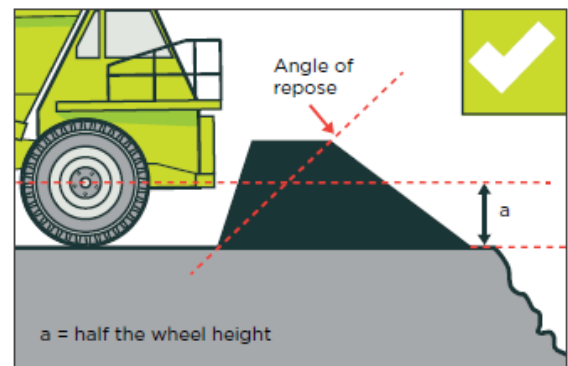


Figure 5: Suitable windrow – the width of the windrow is as wide as the normal angle of repose

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New Zealand Petroleum & Minerals

Annual reporting due end of March

If your quarry is operating under a permit from New Zealand Petroleum & Minerals then you need to make sure your Annual Summary Report and Annual Royalty Returns for the 2015 calendar year are in by the end of March.

NZP&M's Principal Compliance Advisor Jackie Adams says these forms must be completed by permit holders and submitted to NZP&M each year.

"Properly filling out and submitting the forms is a requirement under the Minerals Programme and quarry owners need to get onto it now, if they haven't already," Mr Adams says.

"The simple fact is - if you don't put in accurate annual reports and royalty returns on time you could risk losing your permit or facing other enforcement action.

"To make it easier, you will be able to submit Annual Summary Reports online from early March."

Annual Summary Report:

- This report should show production from 1 January to 31 December 2015, and forecast production for the 2016 reporting period. This report is **due 31 March, 2016**.
- See the [annual reporting form](#) for exact requirements.
- Even if your quarry has not produced over the reporting period the form still needs to be filled out properly and submitted. For example, you need to clearly state the reasons why there has not been any production – just putting 'NIL' on the form is not acceptable.
- Annual Summary Reports will be able to be completed by authorised permit administrators or permit participants through the Online Permitting System from early March.

Annual Royalty Return:

- If you pay royalties annually, these must be calculated and the royalty report submitted for the 2015 calendar year by **30 March, 2016**. Payment of any royalties is also due by this date.
- See the [Crown Minerals Regulations 2013](#) (Schedule 2) for royalty calculation rates.
- Annual Royalty Return forms were sent out to permit holders before Christmas. Please contact us if you have not received one.
- A royalty return form must be submitted regardless of whether production has occurred or not.

NZP&M have developed a range of [guidance](#) – including on Annual Summary Reports. If you have any further questions please contact [NZP&M](#) directly.

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Advertisement – AEG



PU-MESH™
Abrasion Resistant Poly

Although modern technology offers several wear resistant materials which are suitable for screening aggregates and minerals, traditional steel wire meshes are the preferred screening media in many occasions because of their high screening efficiency.

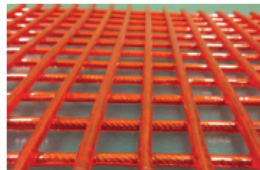
Unfortunately high screening efficiency is coupled to low durability and this consequently equates to high maintenance interventions. AEG are proud to offer a significant improvement thanks to **PU-MESH™** Screens.

In fact **PU-MESH™** screens are steel wire mesh coated with abrasion resistant polyurethane. Thanks to these characteristics **PU-MESH™** offers improved efficiency compared to your standard wire mesh screen, with longer durability at lower maintenance costs overall



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- Wire diameters start from 2.0mm
- Slotted apertures are also available



Features and Benefits

- High open area
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www.advanced-engineering-group.com

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www.rocktec.co.nz





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

Outstanding IOQ Membership Fees - 2016



We have a small number of 2016 IOQ Membership Invoices which remain overdue for payment.

Please ensure payment is made promptly. This will enable you to be issued with your IOQ Membership Discount Card and a copy of the Quarry Essentials Pocket Guide.

Should you require a copy of your invoice—please email your request through to our Secretary/Treasurer at ioq@xtra.co.nz

Welcome to New Members

Name	Category of Membership	Branch
Jake Rouse	Associate	Northland
Mark Dezpot	Associate	Auckland
Duncan McGregor	Associate	Otago/Southland
Lachlan McGregor	Associate	Otago/Southland
Shane Adams	Member	Auckland
Brad Cobham	Associate	Central Districts
Richard Millar	Associate	Otago/Southland
Henry Wilson	Associate	Otago/Southland
Craig Laybourn	Member	Northland
Chris McNaught	Member	Central Districts
James Blacklaws	Associate	Canterbury
Adam Waite	Associate	Canterbury
Kevin Whiteman	Associate	Otago/Southland

All members please ensure invoices are paid promptly and contact details are updated when you change your address or employer.



*The Executive of the IOQ NZ would like to wish
all a very Happy Easter break.*

