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2016/17:**

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Mr Les Ward

Vice President:

Mr Peter Morgan

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Mr Gordon Laing

Board Members:

Mr Neil Cates
Mr Darcy Maddern
Mr Gavin Parker
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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.”

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President’s Report

Welcome to our autumn edition of the IOQ NZ newsletter. By now, hopefully, we are all thinking about the Quarry NZ Auckland conference **19th - 21th July 2017.**

Even though the weather has been very mild up until today, make sure you pack your winter woollies as the colder weather is just around the corner. Even for all the Southerners, it may pay to throw in a pair of long pants.

The Auckland conference is shaping up to be yet another great conference. **John Quayle** and his local organising committee, with the help of Malcolm Blakey and his team, have been doing a huge amount of work behind the scenes to make this conference yet another one to remember. The trade stands are filling up fast and registration is now open and are coming at a steady pace. At this early stage, all the signs are pointing to yet another excellent number of delegates and partners attending.

This year, the format for the Auckland Conference has been changed. A 2 hour workshop, each day, (starting Wednesday morning), will be introduced to the conference. This is to help delegates obtain extra Continuing Professional Development (CPD) hours.

On the subject of **CPD**, IOQ NZ has launched a ‘**CPD On-Line System**’ where members can record all their CPD training and information. A big thanks to Murray Discombe for the effort he has made to get this up and running. So members get on line through the IOQ NZ website, and start recording your **CPD** hours.

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

We received a total of 8 applications for the **2017 Youth Scholarship Programme**. At the February IOQ NZ Executive meeting it was agreed that two will be selected from each island, so with the support from the BR Webster Educational Scholarship Fund, this has made it possible to take 4 young members. The recipients for 2017 are: **North Island:** Luke Balsillie & Jessie Sutton, **South Island:** Chris Marshall & Dylan Kelcher. Well done to you all, if you 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 through the BR Webster Educational Scholarship Fund. Thank you all.



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The **Jim Macdonald Memorial Lecture Tour** will be held in May/June of this year. This year's speaker is **Paul Sutton**, CEO Institute of Quarrying Australia who will be speaking on "Why capable people are important to an organization's well-being". So please check on the IOQ NZ website for when your local branch is hosting in your area. Don't miss it.

The **Annual IOQ NZ Awards** will be presented during the conference, so I would remind you all to get your nominations in for these prestigious awards as soon as possible. Details of the awards (and their criteria) can be found on the IOQ NZ website.

Another big thanks goes out to our nine "Friends of the IOQ" who have supported us in the past and who are supporting the IOQ NZ in 2017. We would like to thank you all for your support over the years.

As my two year reign as President comes to an end at this year's conference, where I hand the chains over to the next President, I would also like to take this opportunity to say a big thank you to Gordon Laing for the tremendous support and mentoring he has done for me over some exciting and difficult times.

To Peter Morgan for his help and support that he has given me all the way through. It is very much appreciated.

To Petrina Torstonsen as the IOQ NZ Secretary - your hard work behind the scenes that very little people actually see is very much appreciated. To Murray Discombe for running the web site. To the rest of the Executive 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 IOQ NZ 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 hope to catch up with you all in Auckland.

I look forward to seeing you all at this year's conference in Auckland.

Les Ward
IOQ NZ (Inc.) President

IOQ NZ Youth Programme

Recipients for 2017:

- *Luke Balsillie* North Island
- *Jessie Sutton* North Island
- *Chris Marshall* South Island
- *Dylan Kelcher* South Island

Congratulations to you all!

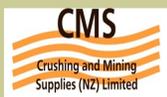
WEBSITE UPGRADE

If you haven't looked at the website for a while, you'll note a few changes.

- A **cleaner, fresher looking site** which is easy to read on your mobile phone or tablet too.
- **Horizontal menu & icons** to direct you to key areas.
- **View Upcoming Events** —displays the next 5 events on the IOQ NZ calendar
- **View all Events**—displays a full events calendar.
- **What's New**—displays latest posts from IOQ NZ
- **Members Only Page**—CPD General information, on-line CPD available, access to IOQ NZ conference papers, updating your address etc.



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Auckland Branch Report



On the 21st of February 2017, the Auckland Branch took a field trip to Winstone's 3 Kings Quarry.

Chris Pilmer from Redbull Powder Company agreed to sponsor the evening about 47 members turned out for an enjoyable evening.

Chris Edmonds from Winstone's gave a very interesting presentation on the past, present and future of the Three Kings Quarry site.

After 150 years of operating as a quarry in Auckland City, the last 90 odd years owned by Winstone Aggregates, production finally stopped. In 2012, this was the last remaining quarry in production in the central Auckland region and produced mainly scoria products for the Auckland market.

When production stopped Winstone Aggregates and their parent company Fletcher Building then started on a plan that would develop the site in to a residential zone. This required that the quarry be filled with clean fill. So, the process of putting 2,000,000 m3 of engineered clean fill into the site began is still happening today.

Needless to say, the process of changing from a quarry site to a clean fill site and then a construction site has involved a huge amount of public consultation that is ongoing. The final design of what the residential area will look like has still not been agreed upon. It will be a mix of town houses and apartments, and depending on the final design, the site will be home to between 1200 and 1500 dwellings. For a comparison, the same land area directly across the road from the site has a total of 120 dwellings. Food for thought.

After Chris's presentation, we had a mix and mingle and a heap of pizzas and soft drink provided by Redbull Powder Company and a great night was had by all.

Our next function in Auckland is our technical evening that will be hosted by Goughs Cat on 4 April 2017.

John Quayle
Branch Chairman



Above: Filling operations at former quarry site



Left: Overlooking quarry and new apartments under construction

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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 innovation and 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 with 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.

The IOQ/Civil Contractors golf day at the Tahuna golf course will be held on the 29 April 2017. Our sponsors are Prime Explosives and RYCO Hydraulic hoses. Hopefully, the IOQ can take it out this year.

We are also looking at holding a field trip in June where & when TBA. The THL fishing trip is booked in for 21 May 2017, limited to 40 people.

The next Branch meeting will be held at Matamata Club on 24 May 2017 combined with the Jim Macdonald Memorial Lecture Tour. Guest speaker is Paul Sutton presenting on "Why capable people are important to an organizations well-being."

Allan McDonald
Branch Chairman

Canterbury Branch Report



Continual provision of on-site training for member CPD hours is high on the agenda for the Canterbury IOQ team.

We're in planning stages for an event at Christchurch Readymix, following on from our last well attended meeting at Road Metals quarry with Goughs supporting and demonstrating some smart new gear.

We're also in planning for an overnight field trip, either South or West depending on what members decide at our next meeting, where we'll be gathering support around conference attendance.

Initial interest for the upcoming Jim Macdonald Memorial Lecture Tour is strong, and having the calibre of Paul Sutton presenting the theme around "capable people" is sure to be a member drawcard.

On the back of above, we're keen to continue attracting and signing up new members, and this will be a focus for the remainder of the year.

Gavin Parker
Branch Chairman



2017 Outstanding Membership Invoices



We have a small number of 2017 IOQ Membership Invoices which remain overdue for payment.

Please ensure payment is made promptly. This will enable us to issue your IOQ Membership Discount Card, and be eligible for discounted rates on CPD seminars and webinars.

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

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Otago/Southland Report



The end of March already! It has been a busy start to the year for the quarry industry in the south as many operators are completing or renewing COCs on top of their everyday workload.

Our last meeting was the AGM in September 2016.

The Meeting was held at the Southland Cricket Club in Invercargill and sponsored by EWL with Oil Intel. The AGM was held without any changes in roles. Lloyd Matheson, Operations Manager, Southern Lakes Helicopters, spoke about his involvement with search and rescue and the importance of risk assessment in the aviation industry. The meeting was attended by 43 members and interested parties.

I attended the Conexpo Construction Expo in Las Vegas in March. This was the first time I have been to this show and it was as big of a show as I had been told. I walked around for three days and still did not see all there was on display. The hall with the crushing and screening equipment was massive and there was more outside on display as well. Looking at the ideas and equipment on offer I was impressed how well the NZ Quarry industry is serviced by the major manufacturers and that the equipment sold and operating here in NZ is world class and well supported. The other gem from my trip was how you happen to find NZ quarry people everywhere you go, apart from those I knew from Otago I also bumped into a quarry operator from the Waikato at one of the many bars and walking home from town one evening to stop for a photo with my wife a stranger offered to take the photo - turns out he was also a drilling contractor from Nelson. My point here is that the people in the NZ quarry industry are world class and good buggers.

Our next meeting will be 12 April 2017 sponsored by Real Steel. Our guest speaker will be Dave Hannan from Delta to talk about landfill operations & environmental engineering. Gavin will get the invite out as soon as the venue has been decided.

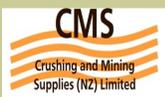
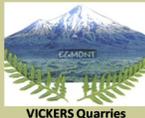
The Jim Macdonald Memorial Lecture Tour will be in Dunedin on 1 June 2017 and the speaker will be Paul Sutton from the IQA. We look forward to this event.

We welcome any ideas for meetings, activities or places of interest that our members can get together, enjoy and learn. There is also the opportunity for CPD for those who want to take up leadership roles in the local branch.

Phil Boulton
Branch Chairman

Gavin Hartley
Branch Secretary

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Central Districts Branch



This year has taken off with a hiss and a roar with most people reporting a positive start to the year.

IOQ activity in the Central regions has been a little quiet of late but there are a few meetings on the horizon that will give you some valuable CPD hours:

- **Thursday the 25th of May** Jim Macdonald Memorial Lecture Tour in Palmerston North with Paul Sutton “ Why capable people are important to an Organisations well-being”.
- **Thursday the 6th of April** Worksafe are hosting a Quarry Workshop in Gisborne

A panel of examiners has been set up for Palmerston North next month, I would like to wish all attendees the best of luck (myself included).

Remember to look over the 4 main criteria:

- Operating and safety systems
- Legislation
- Leadership
- Emergency management

The panel will be looking for working knowledge of these areas so read your guidelines and familiarise yourself with the HSWA guidance.

There is good information on the Worksafe website www.worksafe.govt.nz.

Use these tools for preparation and you should be fine.

Looking forward to catch up soon.

Matt Webster
Branch Chairman

Quarry NZ Conference Update 2017



Following discussions between IOQ NZ (Inc.), AQA and WorkSafe, there will be a change to the claimable CPD hours (from Blenheim) for the QuarryNZ conference being held in Auckland in July 2017. The proposed format will allow any CoC holders to potentially **attain up to twelve (12) hours formal CPD** for attending the Auckland conference.

The proposal is to have three workshops at the conference next year. Each workshop will be of a two hour duration and this will allow the CoC holder attending a workshop to claim two (2) hours formal CPD. This means that the CoC holder (who was only able to claim six hours formal CPD in Blenheim this year) has the potential to claim a further six (6) hours for attending all three workshops at the conference. This is in addition to the formal hours for attending the conference (4 hours) and the formal hours for the two AGMs (actual AGM time).



2017 Quarry NZ Conference

Auckland

Dates: 19-21 July 2017

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The Institute of Quarrying NZ (Inc.)

JIM MACDONALD



MEMORIAL LECTURE TOUR

Guest Speaker:

Paul Sutton

Presenting on:

Why capable people are important to an organization's well being

<i>Venues:</i>	<i>Monday</i>	<i>22 May 2017</i>	<i>Whangarei</i>
	<i>Tuesday</i>	<i>23 May 2017</i>	<i>Auckland</i>
	<i>Wednesday</i>	<i>24 May 2017</i>	<i>Matamata</i>
	<i>Thursday</i>	<i>25 May 2017</i>	<i>Palmerston North</i>
	<i>Monday</i>	<i>29 May 2017</i>	<i>Nelson</i>
	<i>Wednesday</i>	<i>31 May 2017</i>	<i>Christchurch</i>
	<i>Thursday</i>	<i>1 June 2017</i>	<i>Dunedin</i>

Branches will provide specific details closer to the time.

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*CPD Log Book:
Formal Learning
Leadership
1.5 hours*



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Jim Macdonald Memorial Lecture Tour—Speaker



PAUL SUTTON



*Chief Executive
Institute of Quarrying Australia*

It is interesting to note how slow organizations have been to move from the old methods underpinned by control, command and power relationships. Globalization and technology has changed the nature of work and workplaces forever. There is no longer any certainty about one's job, chosen career, place of work, abode, relationships and economic circumstances. The current world of work is no place for the inflexible and the unprepared, and this conclusion applies equally to organizations and individuals. Turbulence and rapid change characterize an environment that is dominated by economic forces beyond any individual's and most organizations' control.

Human capital must be the starting point and ongoing foundation of a successful business. In the know leaders today are recognising that capable people, not just competent people, are central to the operations of any company that wishes to flourish in the new age.

My presentation will focus 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?*
- *How the Institute of Quarrying New Zealand will help you develop and enhance capable people?*



MATAMATA INDUSTRIAL MACHINERY IMPORTS LTD



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2017 CPD Training Schedule



2017 SEMINARS

Drilling & Blasting (see pg 10 for details)

Competency: Leadership

- Auckland 19 April 2017
- Christchurch 20 April 2017

Emergency Management

Competency: Emergency Management

- Auckland 8 May 2017
- Hastings 9 May 2017
- Dunedin 11 May 2017
- Christchurch 12 May 2017

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

2017 WEBINARS

31 March 2017

Emplacement Stability

- Competency: Operating/Safety Systems

5 April 2017

Operational Planning

- Competency: Leadership

10 April 2017

Test Methods

- Competency: Operating & Safety Systems

11 April 2017

Fitness for Work

- Competency: Leadership

20 April 2017

Problem Solving & Decision Making

- Competency: Leadership/Operating & Safety

21 April 2017

Preparedness & Response

- Competency—Emergency Management

28 April 2017

Performance Improvement for Quarries

- Competency: Leadership

3 May 2017

Road, Vehicles & Stockpiles

- Competency: Operating & Safety Systems

5 May 2017

Manufactured Sand

- Competency: Operating & Safety Systems

8 May 2017

Blasting

- Competency: Operating & Safety Systems

12 May 2017

Exploration Site Investigation

- Competency: Operating & Safety Systems

19 May 2017

Quarry Plant Equipment & Processing

- Competency: Operating & Safety Systems

23 May 2017

Conveyors

- Competency: Operating & Safety Systems

26 May 2017

Ground or Strata Management

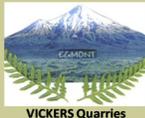
- Competency: Operating & Safety Systems

31 May 2017

Guarding & Plant Isolation

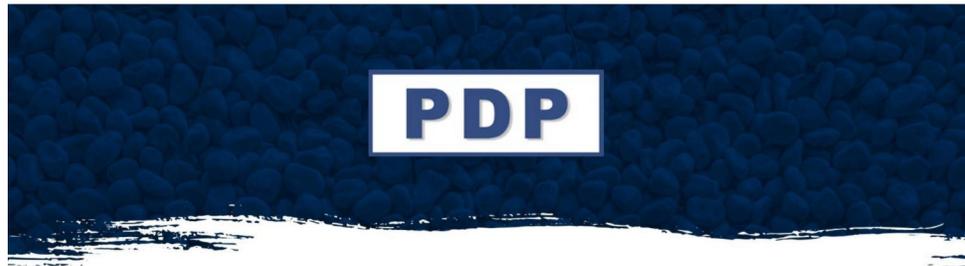
- Competency: Operating & Safety Systems

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Drilling & Blasting Course—19th & 20 April 2017



Safe Drilling and Blasting for Small Mines and Quarries

Introduction Many small mines and quarries rely on contractors to conduct drilling and blasting at their site. Contractors bring a level of expertise in drill and blast that many sites do not have amongst their workforce. Like all workers, however, contractors need to be managed to ensure they comply with safety system requirements at the site, that they are competent, fit to do the work, and that their equipment is suitable for its intended use.

This PDP gives participants some simple rules of thumb, together with some ideas on how best to manage drilling and blasting processes at their site.

Duration 1 day

Potential Participants This interactive and practical workshop is aimed at small mine/quarry operators, quarry managers and supervisors, and safety support staff.

CPD Hours 6 Hrs (Leadership Formal Training)

Topics Covered This workshop covers:

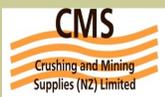
- basic understanding of explosives and how they work
- managing contractors
- legal compliance
- 'rules of thumb' in blast design and planning
- what you should be managing when it comes to drill and blast activities

quality control in a quarry manufacturing process.



Presenter's comments: This is **not a shotfirer's course** nor one that contains a lot of technical information. The day is about helping participants to identify hazards around drilling and blasting, and giving them some simple tools with which to safely manage the drilling and blasting processes at their site. As many contract out these processes, contractor management, as it pertains to drill and blast, is a key topic during the day. I will also share experiences of what can happen when it does go wrong, and how you can manage some of these potential issues.

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MinEx Update

In February, a strategic review of MinEx was held in Auckland with more than 20 senior representatives from AQA, IOQ, CANZ, AusIMM, E Tu, Straterra and the major funders of these respective organisations and of MinEx.

The meeting opened with Stevenson's Group advising that it believes there should be one peak organisation representing the Extractives sector, with appropriate subcommittees and recognising that IOQ and AusIMM were individual membership based organisations that would and should continue.

This led to discussion on what the functions of such an organisation would be, including H&S, RMA, training, lobbying (local and central), technical advice, standards and quality. There was general agreement that a Peak Extractives organisation was supported but beyond the scope of the MinEx Strategic Review and this issue should be taken back to respective industry organisations and companies.

MinEx was told by quarry attendees that to be successful in any interim, it needed to clearly represent the quarry sector. To that end, MinEx is currently on the hunt for a new CEO/COO and ideally one with quarry experience. If you are interested or know of someone who would be, please email me – office@minex.org.nz

There was also agreement at the meeting that effective industry representation for MinEx needs higher level / CEO support and involvement, with smaller sub-committees and groups as appropriate.

As MinEx's Executive Chair I was asked to develop a Business Plan for the year ahead amid comment from some that MinEx is considerably under-funded for the scope of work it is expected to undertake for member companies.

Items identified for the next 12 months work stream for MinEx included:

- Effective input into proposed review of Regulations and Codes of Practice, ensuring that these adequately provide for the diversity of operations and scale within the extractive sector.



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

- Outputs that are practicable and valuable to member companies, in particular documents such as the health and safety management system template for smaller operations
- Ensuring MinEx gets member company buy-in, changes mind-sets and promotes the message that we are all invested and committed to strengthen not divide the Extractives sector.
- Communicating with members to keep them informed on what is happening in their sector and what work MinEx is doing and engaging with WorkSafe, as appropriate to support its communications programme.
- Oversight of and input into Training/COC/unit standards/qualifications and feedback to members, training and assessment organisations and the Government. A MinEx role here is particularly important given the raft of issues the extractive sector, particularly quarrying, faces with CoCs, the need for new standards and better training for our sector.
- Improving safety statistic reporting to provide feedback to the sectors about changes / improvements in health and safety performance.

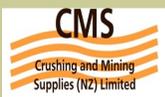
An updated Business Plan for 2017-2018 is now being circulated amongst respective associations and companies for feedback, and to seek commitment for the FY commencing 1 April 2017. A template for small quarry /open cast mines health and safety management systems is a priority and we expect to distribute a version of this template mid-April. Thanks to those companies and individuals who have provided help on this.

I'd like to thank all those who attended the MinEx strategic review, including IOQNZ representatives. It has sparked both consideration of some major medium-term change and contributed truly valuable feedback to help shape MinEx's strategies and planning for the year ahead - and, importantly, gave a very clear message that quarries, mines, tunnels should collaborate and work together.

Our challenge is to do this effectively, to listen and add value.

Chris Baker

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IOQNZ Award Nominations

Auckland Conference 2017

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**)
- Institute of Quarrying NZ Award
- BR Webster Family Educational Scholarship
- Porter Equipment Quarry Leadership Award (every 2nd year commencing 2014)
- Citation

Nominations are to be received by 31 May 2017

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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MITO Update



What is MITO's role in the extractives industry?

MITO is the industry training organisation with gazetted coverage for the extractives (drilling, mining, quarrying) industry. MITO does not deliver training. MITO co-ordinates training arrangements for learners enrolled with MITO. MITO also develops and maintains the skill standards and ensures that the quality assurance outcomes are achieved for all training in the sector.

What is the role of the MITO Industry Training Advisor (ITA)?

The ITA is responsible for promoting, co-ordinating and monitoring training arrangements for MITO learners. The ITA is not a "trainer".

If MITO can't train, who can?

There are a limited number of providers who are accredited by NZQA to train in this sector.

Tell me more about the role of MITO registered assessors

A MITO registered workplace assessor is employed at the same enterprise as the learner. The assessor has an approved assessing scope to assess learners who are in MITO training agreements working towards achieving a qualification.

A MITO registered contracted assessor is contracted by MITO on an 'as required' basis to carry out assessment for learners in MITO training agreements where the enterprise does not have a workplace assessor.

Help me understand the role of the supervisor

A supervisor with the appropriate skills and experience can verify the evidence a learner puts forward for an assessment. Supervisor verification will be used by the assessor as part of their assessing decision.

What are my options if courses MITO arranges are out of town and I am unable to release my staff?

MITO will work with employers on a case-by-case basis to see whether flexible training arrangements can be used where location and staffing issues will prevent the attendance at arranged courses.

Do I need to go through MITO to achieve the qualification?

Qualifications can be achieved through MITO or through a limited number of providers who have NZQA accreditation.

What is required for a learner to be in a training agreement with MITO?

The learner must be eligible to work in New Zealand, be working in the extractives industry, have a signed employment agreement and have agreement and support from their employer to complete the training programme.

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IOQ NZ Members Survey Results



Do you believe IOQ NZ is working effectively for the IOQ members?

Very unsatisfied	Unsatisfied	Neither Satisfied or Unsatisfied	Satisfied	Very Satisfied	N/A	Total
1.08%	3.23%	17.20%	48.39%	30.11%	0.00%	93
1	3	16	45	28	0	

Do you think you are getting value from being a member of the IOQ NZ?

Very unsatisfied	Unsatisfied	Neither Satisfied or Unsatisfied	Satisfied	Very Satisfied	N/A	Total
2.15%	3.23%	16.13%	52.69%	25.81%	0.00%	93
2	3	15	49	24	0	

Do you find the membership card to receive discounts at the available outlets useful?

Very unsatisfied	Unsatisfied	Neither Satisfied or Unsatisfied	Satisfied	Very Satisfied	Never Used	Total
0.00%	7.61%	27.17%	33.70%	6.52%	25.00%	92
0	7	25	31	6	23	

How do you rate the relevance of the information sent by IOQ NZ?

Very unsatisfied	Unsatisfied	Neither Satisfied or Unsatisfied	Satisfied	Very Satisfied	N/A	Total
0.00%	3.26%	7.61%	63.04%	25.00%	1.09%	92
0	3	7	58	23	1	

Do you find the IOQ NZ newsletter is relevant and provides you with up to date information?

Very unsatisfied	Unsatisfied	Neither Satisfied or Unsatisfied	Satisfied	Very Satisfied	N/A	Total
0.00%	2.15%	8.60%	60.22%	29.03%	0.00%	93
0	2	8	56	27	0	

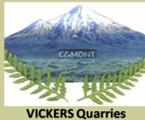
How effective do you feel the IOQ NZ website is for sourcing information?

Very unsatisfied	Unsatisfied	Neither Satisfied or Unsatisfied	Satisfied	Very Satisfied	N/A	Total
1.08%	7.53%	15.05%	58.06%	16.13%	2.15%	93
1	7	14	54	15	2	

How would you rate the local branch technical events (which can earn you CPD hours)?

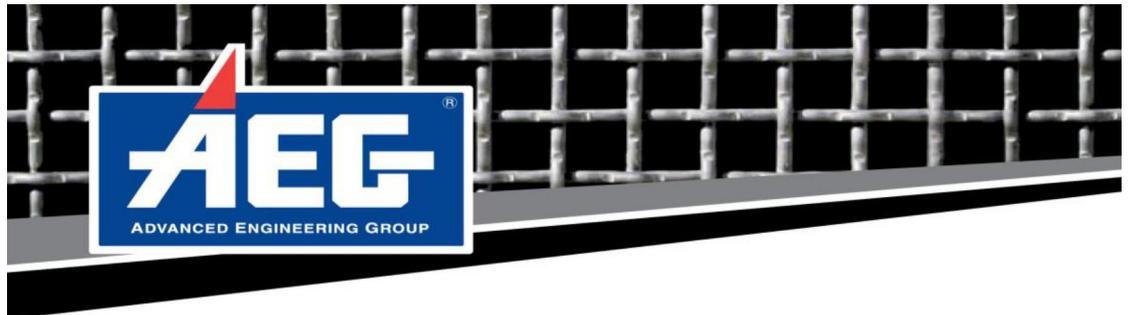
Very unsatisfied	Unsatisfied	Neither Satisfied or Unsatisfied	Satisfied	Very Satisfied	N/A	Total
1.08%	7.53%	16.13%	44.09%	20.43%	10.75%	93
1	7	15	41	19	10	

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ANTI-WEAR PRODUCTS

Advanced Engineering Group provide Anti-Wear Products in Polyurethane such as Sheet Liners, Saw Tooth Liners, pocket Liners & Impact Bars to suit all your Mining & Quarrying requirements.



Poly Sheet liners are high quality, resilient cast polyurethane, they are available in various Shore Hardness's and thicknesses.

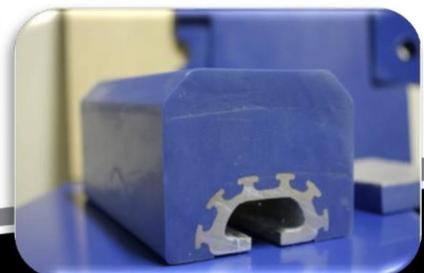


Saw Tooth Liner is a heavy-duty polyurethane liner, designed specifically for conveyor pulley head chutes. The liners come fitted with a unique rigid, textured resin composite backing plate.



The Pocket liner has multiple pockets with re-enforcing vertical ribs, and is used to contain fine material, thereby creating a dead box. A dead box is the most efficient form of lining as material is impacting on material.

Impact Bars are cast polyurethane, of up to 1000mm in length, and is both chemically and mechanically bonded to an extruded Aluminum profile for quick, safe and secure installation. Specifically designed to extend equipment and structural life by absorbing and dampening the impact force of falling aggregate



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NZ Mining Board of Examiners Update

As all the readers of this article should know, from January 1st this year an appointed manager of a quarry has to hold the relevant Certificate of Competence. The deadline requiring this was extended 12 months from its original date to permit all the people who needed to complete the training and assessment necessary to obtain their CoC. The New Zealand Mining Board of Examiners Secretariat was still faced with something of a landslide of applications in the last 8 weeks.

When we look at the results of applications received a number of facts become apparent:

- A Grade Quarry Manager Applicants pass rate for the year of 2016 was 77%
- B Grade Quarry Manager Applicants pass rate for the year of 2016 was 40%
- B Grade Quarry Manager Applicants pass rate for the December 2016 was 27%
- Those who 're-sat' their B Grade Oral examinations all passed the second time

A closer look at the reasons for the B Grade failure rate shows short comings in all the four areas in which an applicant is examined (Operational Knowledge, Leadership, Legislation and Emergency Management).

As a result of the higher failure rate for the B Grade Manager CoCs there have been a number of comments made around the industry, as well as in the media, suggesting:

- The Panel of Examiners is out of touch with industry requirements
- The B Grade CoC is too hard to attain
- The material tested at the oral exam bears no relation to the unit standards studied
- The material tested at oral is not relevant to small scale operators
- There is a need for a "C Grade CoC" that is less demanding than the B Grade
- There is little or no difference between the A Grade and B Grade CoCs

Despite what some in the industry are saying, the controlling factor in determining what COC is required is the legislation. While there is a belief that the Chief Inspector can do what he likes, he cannot change the law.

The B grade CoC entitles the holder to manage a quarry of any size with an unlimited number of employees so long as explosives are not used. As a result the demands placed on the appointed manager of a large scale alluvial quarry may be as significant (or possibly more) than those demanded of an A Grade CoC holder.

The oral examination, which determines the applicant's ability to apply the knowledge gained through study and experience in the workplace, is therefore designed to ensure the applicant can take on such a level of responsibility. It is no argument to say the applicant has never worked and is never likely to work at a site with more than a few employees. Once he or she holds the B Grade CoC they are legally entitled to take on the largest quarry in the country if they don't use explosives.

Historically a CoC applicant had to complete a series of unit standards and then, subject to them demonstrating adequate experience, the CoC was issued.

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NZ Mining Board of Examiners Update (cont)

The recent change to include an oral examination was developed with industry support to ensure the applicant could apply the theoretical knowledge acquired through study and work experience. From the feedback received from the panel examiners one of the most common reasons for failure at the oral exam is the lack of the ability to demonstrate the understanding of the application of what they have learned in the studies and on the job.

In legislation there is provision for a "Site Specific" CoC. However, the associated requirements for this CoC have not yet been developed. The Board is reviewing this and it is anticipated the requirements will be developed in the near future. A site specific CoC will limit the holder to operating at one site and is not a lower level CoC to cover small operations such as simple mobile plants that relocate as required.

So what is being done to address the situation for B Grade CoC applicants?

The first and most important fact to note is that the responsibility for arriving at the oral prepared for the questions that will be asked lies with the applicant and, where applicable, their employer. It should also be remembered that while 60% of B Grade applicants have failed, 40% of B Grade applicants have passed the oral examination. It is clear from the feedback from panel members that some candidates are very well prepared and have a very good understanding of the role and its responsibilities while others have not put in the time required to ensure they are successful.

The Board is very conscious of its responsibility to deliver a fair and equitable process for all and so this year moderation of the oral examination will be introduced. Moderation is a quality assurance process that ensures appropriate and consistent standards and assessment is delivered. It is based on practitioners sharing expectations and understandings of standards with each other to improve decision consistency.

It is expected that the review of the content of CoCs (the Unit Standards required before you can make application for a COC) will be released for industry comment in the next three months. I strongly encourage the quarry sector to participate in the feedback process. I cannot promise to accept all the recommendations that might be received, this is the opportunity to provide the BOE with direct comment on the proposals. In the same timeframe the review of the Unit Standards themselves is being concluded and it is expected that this review will also be circulated for industry feedback in the next three months.

As many of you will be aware, there is a review of the legislation scheduled for this year. The quarry sector has been proactive in preparing submissions for this review and this is the opportunity for the industry to have their concerns heard. I encourage everyone who wishes to participate to contact their AQA or IoQ representative to find out how they can contribute to the process. This is not a quick fix but will enable reorientation of the CoC process if necessary.

Finally, I recommend that industry organisations, as well as individuals using trainers, make sure that they make their requirements clear and give honest feedback as to how the training is provided.

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RECORDING OF CONTINUING PROFESSIONAL DEVELOPMENT

NOW AVAILABLE ON-LINE

A few members used the IOQ NZ website on-line system to record CPD when it was based on the IQUK system.

Now, in order to obtain a renewed Certificate of Competency for your A-Grade or B-Grade Quarry Manager's "ticket" Work Safe NZ require evidence of *Continuing Professional Development*.

At the Quarry NZ Conference the IOQ NZ Executive advised we were working to rewrite the on-line CPD system to reflect the Work Safe NZ requirements.

The CPD on-line system is now live.

For some background information / overview, click on <https://ioqnz.co.nz/members-only/cpd-scheme/>

To use the system:

Simply login as a member, obtain a new password (if you haven't already got one), update your CoC information, and commence adding CPD records.

Keeping a tab on your CPD progress is now easier too. The below table updates the hours for each competency, formal and informal hours as well as totals for each, every time you add a new record.

Progress Report

COMPETENCY	FORMAL HOURS	INFORMAL HOURS	TOTAL HOURS
EMERGENCY MANAGEMENT	0	0	0
LEADERSHIP	0	0	0
LEGISLATION	0	0	0
OPERATING AND SAFETY SYSTEMS	0	0	0
Totals	0	0	0

[Note: CPD records previously added by members using the UK-based CPD system have been brought across to the new system. These can be edited, or deleted.]

Do send us your feedback or if you have any queries, please email us on ioq@xtra.co.nz.

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MATAMATA INDUSTRIAL MACHINERY IMPORTS LTD

MIMICO is the New Zealand distributor of Metso mobile screening equipment and we have the answer.

MIMICO's range of Metso mobile screens will help you increase your productivity and profits.

Metso's ST 2.4 mobile scalping screen combines high capacity with clean, accurate end products from all feed materials.

Garth Taylor, MIMICO's Crushing and Screening Business Manager, says the ST2.4 is ideally suited to tough screening applications. "From pit-run scalping to top soil applications the ST2.4 is a versatile production tool."

"The ST2.4 offers the lowest cost per ton produced in the size class through improved fuel economy, high capacity and low operating costs."

"It also sets a new standard in terms of set-up time. All that is required to transform the screen from transport to operating position is to unfold the conveyors, set the screen angle and raise the feeder up hydraulically."

Metso's ST3.5 mobile finish screen is designed with compact dimensions, high capacity and quality components.

"The standard ST3.5 two-deck Lokotrack is capable of producing two-sized fractions and, depending on the application, an optional two-deck vibrating grid can be installed to get three fraction sizes," explains Taylor.



From pit-run scalping to top soil applications the Metso ST2.4 is a versatile production tool.

The high capacity two-bearing two-deck screen box of the ST3.5 is equipped with interchangeable screen meshes which minimise customer stock holding costs. The Lokotrack ST3.5 is designed to achieve the lowest sustainable cost per ton and it has unmatched efficiency and capacity in its size class.

"Features such as a hydraulic feed hopper tipping grid, adjustable screen angle and high efficiency screen box make the ST3.5 ideal for finish screening tasks. Screening sealing chip, concrete aggregates, sand, compost and top soil are ideal applications for the ST3.5 mobile screen."

Quarry Essentials Pocket Guide Training



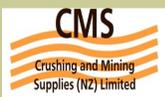
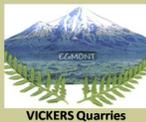
Ensure plant operators and excavator and truck driver are trained. Keep written training records.

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*.

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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
Logan Gilmour	Student	Central Districts
Colin Calteaux	Member	Otago/Southland
Gary Wallis	Member	Central Districts
Barry Stoddart	Associate	Central Districts
Ross Aikman	Member	Canterbury
Peter Ronald	Member	Northland
Stephen Preston	Member	Otago/Southland
Murray Nicoll	Associate	Otago/Southland
Bruce Abbott	Associate	Waikato/BOP
Kenneth Luke	Member	Northland
Shane Picard	Member	Central Districts
Maurice Wotten	Member	Canterbury
Dale Sparr	Associate	Central Districts
Stacey White	Associate	Central Districts
Douglas Brightwell	Member	Central Districts
Robert Dowling	Associate	Auckland
Lincoln Thomson	Associate	Otago/Southland
Lesley Howell	Member	Central Districts
Matthew Smith	Member	Waikato/BOP
Andrew McClean	Associate	Waikato/BOP
Desmond Clarke	Member	Waikato/BOP
Chris Marshall	Student	Canterbury
Luke Balsillie	Student	Auckland
Jessie Sutton	Student	Auckland
Dylan Kelcher	Student	Otago/Southland
Barry Sadler	Associate	Canterbury
Grant Whakarau	Member	Central Districts
Gregory Duncan	Fellow	Canterbury
Desmond O'Brien	Associate	Canterbury
James Blacklaws	Upgrade to Member	Canterbury



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

