



**Executive Committee
2019/20**

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The Institute of Quarrying NZ (Inc.)

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

Issue: 60

Newsletter Date: March 2020

President's Report

It was only a short while ago that I was writing a report for the Xmas edition and looking forward to all the usual summer activities including fishing, socialising, BBQ's and a few beers with mates. Fast forward to present time and these activities have the potential to make someone seriously ill or worse! The pace at which this virus has come on has been incredible and the photo on page 9 with the attendees of our recent Emergency Management course held on the 4th March is an example. There was no talk of social distancing or limiting group sizes and self isolation at the start of the month and three weeks later the country is in lockdown.

It has been unfortunate but the right decision to postpone the Jim Macdonald Memorial Lecture Tour and given the lockdown, it would not have been able to proceed anyway. The irony of this was that Dr Mary Obele had prepared a great presentation and included some discussion on COVID-19. I am sure that the rescheduled dates will bring a bit more light and a better understanding of this virus when we get this tour off the ground.

Equally the decision was made around the postponement of the Quarry NZ Conference that was going to be held in Wellington in July. With the

uncertainty of the duration of COVID-19 it was decided that we are best to push the conference into next year. This is the one premier event that we all get together as an industry and it was shaping up to be an exceptional event in an election year. I am sure you including the exhibitors are all disappointed as I am.

When the Government moved to lockdown and announced the essential services my phone rang hot from members asking me if quarrying was in that category. My response to this was that some quarries are potentially only a provider to essential services ie road networks, filtration sand for treatment plants etc but are not necessarily classified as an essential service. I do know that some councils have made contact with quarries to check availability in the event of something happening, but this is not a mandate for business as usual. We all need to reflect on why this lockdown is happening and that is to try and prevent New Zealand going down the same path as other countries that have seen many fatalities from COVID-19.

I would like to think that some members or your respective staff are taking advantage of this lockdown by undertaking some training such as up and coming Quarry Managers working through unit standards or preparing for your oral exams.



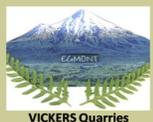
In this Edition:

Presidents Report	1
Webinars / QuarryNZ	2
Branch Reports	3
Passing of Bruce Hayhow	5
2020 Membership Invoices	5
MinEx Update/Locker Group	6
Education Update Report	7
Jim Macdonald Tour	8
Emergency Mgmt Course	9
BOE Update	10
MIMICO Article	11
MITO	12
Trind Advertisement	13
AEG Advertisement	14
New Members	15

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It could also include review of Safety Management plans, Health and Safety systems and setting up training plans for your team. It is also an opportunity to get your personal CPD Logbook in order (something which I need to do).

On the topic of CPD, I recently reached out to Paul Hunt (WorkSafe's Chief Inspector of Extractives) to raise the concerns that I have received from members around the potential impact COVID-19 has on CPD Learning opportunities i.e postponement of Conference. This potential issue has been acknowledged by the BoE and is in their latest newsletter on page 10. We will be informed of a possible solution in due course.

Finally, we are moving into some very hard times in the short-term but I am sure that when this is passed, we as an industry will need to step up and deliver quickly to get the country back on track. I also need to acknowledge the suppliers of our industry which are equally going through a tough period and I ask that we all look out for each other. There has never been a more important time for unity and support of our industry (and it's members) than now. Stay safe everyone!

Over the past few months, we have also been saddened to hear of the passing of **Bruce Hayhow** (retired member) who was associated with the Institute of Quarrying for many years both on the local Auckland Branch and as Secretary of the National IOQ NZ Board. Our condolences to Judy and family.

We are also saddened to hear of the passing of **Neil Jarrett** (Webforge Locker) who passed away after a long illness. Neil was very well known in the Wellington region for his passion of the extractives industry and support of the Institute. Our thoughts are with Webforge Locker Group (Friends of the IOQ) and Neil's work colleagues and his family.

Dean Torstonson
IOQ NZ (Inc.) President



Reducing the spread of COVID-19 to keep friends, family and staff safe is clearly a priority for us all. With the country shutting down for at least 4 weeks from Wednesday 25 March, the organising committee for QuarryNZ conference have decided to postpone the event planned for 15-17 July in Wellington, until 14-16 July in Wellington in 2021.

The conference organiser will be in contact with sponsors, exhibitors and speakers in due course, but right now our priorities should be to stay safe in these uncertain times.

IOQ NZ WEBINARS

8 April 2020

Quarry Consenting

(Requirements, Process & Compliance)

Facilitator:

*Christian Mc Dean & Eloise Lonnberg-Shaw from
Kinetic Environmental Consulting Ltd*

7 May 2020

Certificate of Competence Process

(what you need to know)

Facilitator: Gordon Laing

17 June 2020

Team Building

Facilitator: Paul Sutton

29 July 2020

Managing Conflict

Facilitator: Paul Sutton

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Waikato/BOP Report



As a Branch we have started the 2020 year with our usual busy schedule after allowing some time to recover from the hectic Xmas and New Year period.

Our committee decided to again arrange a Technical afternoon session offering CPD sessions over several concurrent sessions focusing on machinery application and technology advances. Again, targeting those members who held a CoC and required professional development. Although all members would get something positive from attending. We then rolled into the regular Branch meeting and gathering where other members, sponsors and interested parties carried on with the networking opportunities. Again, the event was held at the fantastic C&R facility, where after the technical training sessions members could inspect the large displays of cars and heavy machinery as well as a tour of the Workshop areas.

We ran three concurrent interactive sessions where we split the attendees into three groups and they cycled through each 40 min session covering all three over the afternoon early evening period.

The sessions were presented by:

Omar Statham – CAT – heavy machinery application
Chris Gray -Mimico – Machinery Technology
Chris van Oosterom– C&R - Lyttelton Port

Thanks to the presenters for their time and efforts putting this together. And the sponsors for the day C&R Developments and Terra Cat.

Golf day was held again as a challenge between IOQ members teams and Contractors teams. Busy time of year showed a slight drop in numbers this year but a great time was had by all. Allan tells me those who topped the ball got full advantage of the dry ground and run on of the ball. 20 people attended and Contractors came out on top for the second year in a row. Well done see you next year where we will put it right and IOQ take it out.

Thanks to our main sponsors Prime Explosives and Ryco for making this another successful day and supporting sponsors Terra Cat, Komatsu, Red Bull and Groeneveld.

Owing to the government lockdown we have adjusted the up and coming events as follows:

- MIMICO Jim Macdonald Tour – Mary Obele talking on men's health. Postponed to 23rd Sept 2020
- 23rd May 2020, Fishing- Coromandel. Tentatively still booked will review at end of lockdown period.
- 23rd June 2020, AGM Mimico, Chris (Tool Box up for grabs). Hopefully still go.
- Wellington Conference deferred to July 2021.

Also, time to think about elections for the AGM. A new committee is elected every year. Put your names forward for this process, we welcome new nominations and people wanting to try their arm at every level. There is plenty of support in the branch if you want to give it a go.

With the Covid-19 now among us, I would like to wish Branch members and their families the best of health, keep well and isolate as much as possible. I have experienced this virus and its strength first hand with my immediate family in the UK and believe me although they are young and fit the virus is hitting very hard and they are being deeply affected. I can see why us in the older age groups should be very concerned.

Take care and be well.

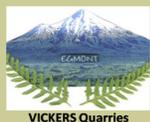
Ray Haley—Waikato/BOP Branch Chairman



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Auckland Branch Report



With a busy start to the year for many businesses in Auckland we have managed only one event so far in 2020 for our Auckland branch. This technical evening was held at Komatsu's yard in East Tamaki, where the team showed off some of the new gear in their rental fleet and gave an informative talk about how application engineering can be applied within a quarry environment. This was a great reminder to quarry operators of the value of bringing outside eyes onto a site as well as implementation of a consistent framework of monitoring and analysis of quarry processes, to uncover extra cost savings and instil ongoing efficiencies in an operation.

Bill Hackshaw from Bro Lube followed with a presentation on dust management techniques and new filtration systems to reduce dust in machine cabs, capable of filtering dust particles to 2.5 microns. These stand-alone units are currently installed on machines in agricultural and horticultural companies but are equally applicable within the quarry industry, especially as businesses continue to look at ways of reducing health risks to operators.

Murray Discombe provided an update to members of IOQ NZ training opportunities, upcoming IOQ NZ events and updates around CPD requirements.

We are very grateful to our sponsor Komatsu for providing an excellent venue for our evening and a special thanks for the outstanding meal following the talks.

With the recent postponement of the IOQ NZ Jim Macdonald Memorial Lecture Tour and probably many more disruptions to come with the impending nationwide shutdown I would like to take this opportunity to wish all members and their families the very best of health and wellbeing during the months ahead.

Lance Gosling
Auckland Branch Chairman

Canterbury Branch Report



Hi everyone, very much an abridged report from Canterbury, and thanks to Keri Harrison from Tui Creek Consulting for putting it together for us.

2020 is certainly challenging us. The evolving nature of Covid-19 has meant we have had to think strategically as a branch to make sure we keep our people safe and to keep our industry functional.

We regretfully had to cancel a site visit we had planned to Miners Road Fulton Hogan quarry site last week, but we hope to revisit this later in the year (and thanks to Mike and Kelvyn from Fulton Hogan for organising this).

We encourage our members to think outside of the box and embrace other means of communication such as using webinars to keep our CPD up to date, and using other forms of contact such as "zoom" or "skype" if we need face to face contact. This will help keep your businesses operating while your employees stay safe. If any members haven't seen Murray's emails about the webinars, or have lost them, please jump on to the IOQ NZ website for information on them. If you get stuck, contact Petrina or Gavin or JC and they can send information through to you on email.

We really feel for all those affected, whether it's missing out on a holiday or event, experiencing a loss of income, getting sick or simply worrying about what's ahead. It is important during this uncertain time that we talk to one another and seek help if we are unsure about anything that is bothering us. Let's not forget about all the things we CAN still enjoy.

Please to try to keep calm and remember to wash your hands.

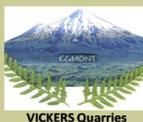
Gavin Parker & John Crawley
Branch Chairman & Secretary



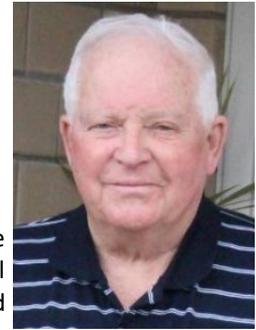
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Passing of Bruce Hayhow



Bruce Logan Hayhow passed away on Sat 25 Jan 2020, aged 83 years.

Bruce was associated with the Institute of Quarrying for many years. He served on both the local (Auckland Branch) and was Secretary of the National IOQNZ Board. His organisational skills arranging for the Auckland-based Annual Conferences was greatly appreciated.

He presented papers at the IOQNZ Conferences: “Stockton Slurry Plant” (New Plymouth 1983), “Bulk Explosives” (Auckland 1989) and received the Lyn Jordan “Best Technical Paper” trophy for “Blasting Beyond 2000” presented at Waitangi 1993. Bruce also was recognised locally in 1995 and was awarded the Paykel Shield for “Outstanding Service to the local branch over the years”.

In his role as Sales Manager, Explosives Division ICI NZ Ltd (now Orica), he was in contact with many within the quarrying industry across New Zealand. He organised several trips to the Waitawa (Kawakawa Bay, Auckland) Explosives Depot for the benefit of the IOQ members.

Bruce had a magical warm personality and will be missed by many.



Outstanding Membership Invoices



We have a small number of 2020 IOQ NZ Membership Invoices which remain overdue for payment.

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

Please remember that payments can be made online (via credit card) by visiting the IOQ NZ website Store and selecting IOQ NZ Membership. Or click below:

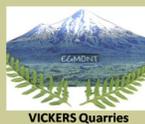
<https://ioqnz.co.nz/shop/annual-ioqnz-membership/>



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Passing of Neil Jarrett

It is with great sadness that we farewell Neil Jarrett (68) who recently passed away following a long illness.

Neil was very well known in the Wellington region for his passion of the extractives industry and was well respected in the industry for his expertise and knowledge of screening equipment. Neil was a huge supporter of the IOQ NZ and provided valuable input at meetings and events.

Neil worked with Webforge Locker for more than 10 years as the technical sales representative for Wellington and the Wairarapa and recently received his 10 year's service certificate in November last year. Prior to this, he worked for Winstone Aggregates between 1999-2009 as the Southern Region Sales Manager.

A farewell was held in Wellington on 2 March 2020 which was well attended by members of the extractives industry.

Neil will be sadly missed.



Photo of Neil Jarrett [left] receiving his 10 year's long service certificate in November 2019.



MinEx Update

By: Wayne Scott (CEO)

We have unfortunately had to postpone our regional Health & Safety Workshops for 2020, at least until the end of May. During this time a series of webinars will be offered covering the content of the Workshops. We are grateful for the support offered by WorkSafe and IOQ NZ to assist in delivery of these workshops and webinars. Check out our website for the schedule of webinars during April and May.

The Government have announced details of changes to the Mining and Quarrying Regulations in the release of a cabinet paper in December 2019. This was to see new regulations enacted in the third quarter of 2020 however COVID-19 will delay this. All mines and quarries will be included within the revised regulations but with proportionality ensuring that regulations take account of a sites size and nature of operation. For smaller quarries (those managed by a B Grade CoC), there will be a requirement for documented H&S Management System and for larger sites there will be a requirement to risk assess the presence, or not, of principal hazards. These requirements are not onerous, and most sites currently comply with these requirements anyway.

We have recently released the fourth in our booklet series, this one covering Fall hazards. We are also about to release a booklet on Traffic Management in April.

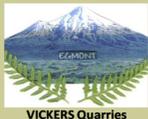
Our weekly safety alerts are extremely popular and an excellent way of sites sharing H&S learnings with others. We are always looking for incidents and learnings from them so please share your incidents and other H&S learnings or insights with us at office@minex.org.nz, so that we can share it anonymously with the sector.

Let's continue to work together, while respecting self-isolation requirements, to keep ourselves and our workers safe.

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Educational Report

By Paul Sutton



My biggest wish is for the world to rewind to this time last year so that we can all experience some form of 'normality'. Sadly, and with regret, I believe what we are experiencing now across the globe is the 'new normal' for many months to come. I am more than happy to be proven wrong!

The IOQ NZ is very much aware of the current restrictions on face-to-face gatherings and the impact these restrictions may have on you achieving your mandated CPD hours.

It is for this reason that the IOQNZ has scheduled the following webinars:

08 April 2020 – Quarry Consenting: Requirements, Process and Compliance

07 May 2020 – The Certificate of Competence: what you need to know!

17 June 2020 – Team Building

29 July 2020 – Managing Conflict

You are invited to register for the above webinars by visiting the IOQ NZ website and clicking on the STORE tab.

I am currently working on other 'virtual' CPD options for our members. As these options come to fruition, I will advise our membership via email.

If you still seeking CPD **unrestricted activity opportunities**, apart from face-to-face training, remember you can also achieve CPD hours from in-house training opportunities that occur on your work site e.g. participation in any activity within the areas of learning where you have gained new knowledge or skills relevant to your CoC. Remember, please collect evidence for your logbook that this type of training has occurred e.g. an information sheet related to the training (date, topics etc), a statement from the person who provided the training as to what training was undertaken and when etc.

You can also undertake CPD **restricted activity opportunities** by listening to relevant podcasts or reading relevant publications (technical articles, technical publications, conference papers). I am more than happy to email relevant publications upon request. Please remember, the maximum number of CPD hours that be claimed using restricted activity is limited to 20 hours for A-Grade CoC holders and 10 hours for B-Grade CoC holders over the 5-year period.

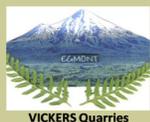
In response to the cancellation of the 2020 Jim Macdonald Memorial Tour (as well as other unplanned cancellations) and the impact this may have on achieving CPD hours for some of our members, the IOQ NZ has written to the New Zealand Board of Examiners seeking advice on mandated CPD hours for those members who are in the final year before their CoC needs to be renewed. Once a response has been received, all IOQ NZ members will be updated via email.

As always, I am here to help and assist where I can. Please do not hesitate to contact me if you have a concern and/or an issue regarding your CPD. **Please note:** I am now currently in lock down with my 85-year-old parents in an area that has poor mobile reception. The best way to contact me is via my email: paul@foresighttd.com.au More importantly, you are all in my prayers at this difficult time. I look forward to the day when the only challenge we face is whether to have another 5 minutes in bed of a morning before getting ready for work!

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2020 Jim Macdonald Memorial Lecture Tour New Dates



Proposed new Dates are as follows:

Whangarei	16 September 2020	Christchurch	30 September 2020
Auckland	17 September 2020	Nelson	28 October 2020
Matamata	23 September 2020	Dunedin	29 October 2020
Palmerston	24 September 2020		



The Institute of Quarrying NZ (Inc.)

JIM MACDONALD



MEMORIAL LECTURE TOUR

Guest Speaker:

Dr Mary Obele

*Specialist Physician in
Occupational and Environmental Medicine*

Monday 30 March	Norland	BDX Group, 2 Logyard Road, Port Whangarei 6pm
Tuesday 31 March	Auckland	Manurewa Rugby Club, 25 Doctor Pickering Ave, Manurewa 6pm
Wednesday 1 April	Waikato/BOP	Crane Sales NZ (old Rocktec Bldg), 11 Waihou St, Matamata 6.30pm
Thursday 2 April	Central/Wellington	Distinction Hotel, 175 Cuba Street, Palmerston North 6pm
Wednesday 15 April	Marl/Tasman	Wanders Sports Club, 20 Lord Rutherford Rd, Nelson 6pm
Thursday 18 April	Otago/Sthland	Edgar Centre, 116 Portsmouth Drive, Andersons Bay, Dunedin 7pm
Wednesday 22 April	Canterbury	Sports Hall, Hornby Workingmen Club, 17 Carmen Rd, Hornby 6pm

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2020

Emergency Management Course



The Institute of Quarrying NZ (Inc.) recently hosted our North Island Emergency Management course in Paeroa on 4 March led by facilitator Keri Harrison from Tui Creek Consulting. Keri travelled from Canterbury, her home base, excited about the opportunity to present the workshop again.

During the one day workshop, the 15 attendees had the opportunity to share their own stories of accidents that have happened to either us personally or in our workplace. This helped everyone to think about whether our sites needed improvement in emergency planning. Keri shared some templates she had developed for an emergency response plan and encouraged the attendees to remember that is more of “when” an accident occurs, not “if” and that we need to be prepared for this.

A wet afternoon did not dampen the site visit to Waitawheta Quarry where we were hosted by Warwick Leach and Corrie Leach. An informal discussion followed where we discussed a hypothetical emergency scenario and how we would react to it.

Thank you to the attendees who took the time out of their busy day to attend and to H G Leach & Co Ltd for allowing us to access their quarry site for the afternoon session. By working together we can help keep our industry safe.



Above: North Island Participants of the 2020 Emergency Management Course held in Paeroa



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Mining Board of Examiners WORKSAFE

New Zealand Mining Board of Examiners COVID-19 Update

Our COVID-19 update

WorkSafe New Zealand, The New Zealand Mining Board of Examiners (the Board) and the Secretariat understand the serious concerns industry has about COVID-19 and the possible effects of isolation measures, introduced by the Government, on the ability of Certificate of Competence (CoC) holders to complete CPD and to apply for and renew CoCs.

The impact of COVID-19 is of a significant scale and unprecedented. It is difficult to predict how the situation will develop and how long the impacts may be felt. This requires us to be flexible, understanding and patient.

Oral Examinations

Due to the recently announced lockdown, there will be **no face-to-face oral examinations held until further notice**. The Board and Secretariat are considering if any alternative options are viable and will advise you in due course.

CoC applications, while still being accepted cannot be fully processed to a point where an oral examination can be scheduled. Please note that the Board are considering what other arrangements could be implemented to complete oral exams. They may advise on this at a later date.

The Secretariat is currently working remotely for an unspecified period of time but you can still scan and email your applications to: BoE_Secretariat@worksafe.govt.nz

If the application for a CoC is not critical, you may wish to delay applying. We still recommend you contact us to place your name and contact details on a list for us to keep updated.

CoC Renewals and CPD activities

The impact of COVID-19 has meant that **many CPD activities have been cancelled or are very likely to be cancelled**. We recognise this may seriously impact the ability of a CoC holder to meet their CPD requirements when it comes to renewing their CoC.

The requirement for demonstrating compliance with the CPD requirements to renew a CoC is in the Regulations. The impact of COVID-19 on the CoC renewal process requires careful consideration. The Board is already aware of the situation and is seeking advice on possible measures.

You will be advised once any decisions are made and can be announced.

We all recognise that the health and wellbeing of the people in New Zealand is the most important priority. WorkSafe, the Board and the Secretariat will therefore base all of their decisions on maintaining the protection of people by supporting all the measures recommended by the Ministry of Health.

Guidance and support from the government is available to help you stay informed and answer any questions or concerns that you may have.

Contact Us

If you have any further questions or concerns, please don't hesitate to contact the Secretariat. You can contact them on 04 901 4980 or email BoE_Secretariat@worksafe.govt.nz

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MATAMATA INDUSTRIAL MACHINERY IMPORTS LTD

Metso's new Nordtrack touches down in New Zealand

Metso has expanded its mobile crushing and screening solutions offering for the aggregates industry with an extensive new product portfolio – the Metso Nordtrack product line.

The first Metso Nordtrack, a Nordtrack I908S impact crusher, has arrived at MIMICO's Matamata facility. MIMICO distributes Metso's range of mobile and fixed crushing and screening equipment, parts and service in New Zealand.

The new Metso Nordtrack range introduces 19 products designed to meet the requirements of recycling, demolition and small-scale aggregate operations. The Nordtrack product family contains purpose-designed and field-proven features for general contractors and small- to medium-capacity aggregate producers. The Nordtrack range includes track-mounted crushers and screens as well as track-mounted and wheel-mounted stacker conveyors ideal for recycling, demolition and small quarries.

“Our target is to create a comprehensive end-to-end offering to serve diverse customer needs,” says Renaud Lapointe, SVP, Business and Product Management of Aggregates Equipment at Metso. “Metso has traditionally been exceptionally strong in the most demanding aggregates applications, such as hard rock.

“Our new Metso Nordtrack range complements our offering to better address the needs of small and midsized companies and general contractors looking for the right combination of productivity, availability and dependability at an attractive price point.”

Garth Taylor, Crushing and Screening Manager at MIMICO, said: “The Nordtrack product range offers some interesting models that will help complement the wide Metso Lokotrack range. We are looking forward to having a competitive product offering to cater for small and midsized quarries and general contractors in New Zealand.

“The Metso Nordtrack I908S provides a powerful impact crusher and screen plant in an easily transportable 27.5-ton package,” explains Taylor. “Quick set up time and compact dimensions make this unit ideal for recycling, general contractors and small quarries.

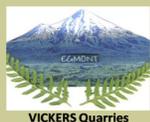
Nordtrack-I908S: This Nordtrack I908S impact crusher has recently arrived at MIMICO's facility in Matamata.



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“The I908S incorporates many interesting features. These include the fuel-efficient Volvo engine, standard water spray system for dust suppression, a simple hydraulic setting adjustment using shims, adjustable impactor curtain to allow adjustment from primary to secondary application and a 180-degree radial recirculating conveyor.”

The Metso Nordtrack mobile product portfolio is designed to make the contracting business more productive. With standard designs for off-the-shelf availability, plug-and-play features and extensive Metso support network, Metso’s Nordtrack solutions are ideal for a variety of applications, such as recycling, demolition, and the processing of sand and gravel. The new range consists of 19 mobile machines, including jaw crushers, impact crushers, screens and conveyors.

The new Metso Nordtrack product range is now available globally through Metso’s sales and distributor network, including MIMICO for the New Zealand market as well as parts of the South Pacific.

The Nordtrack range was launched during Metso’s global Distributor Days in October 2019 and is being introduced to global audiences at the CONEXPO-CON/AGG 2020 tradeshow in Las Vegas, USA from March 10-14, 2020.

For more information please contact:

Garth Taylor (Crushing and Screening Business Manager, MIMICO)

Mobile: 0274 960 406.

Email: garth.taylor@mimico.co.nz



MITO Update



MITO’s newest Secondary School Programme Rocks

MITO has launched a secondary school programme for the Surface Mining and Quarrying industry. Called RockUp™, the programme has also been approved as a micro-credential by NZQA.

RockUp™ offers students in years 11, 12 and 13 a mix of eLearning theory and practical experience in the workplace, with credits earned leading towards the next step in a MITO traineeship in the surface mining and quarrying industry.

“We are delighted to launch our RockUp™ micro-credential, which gives students hands-on experience in this important industry and exposure to a number of unique career opportunities,” says Janet Lane, MITO Chief Executive. “This is the fifth micro-credential MITO has launched for secondary schools, which shows we are committed to increasing the talent pipeline to our industries and addressing skills shortages.”

Smaller than qualifications, micro-credentials focus on a specific set of skills and knowledge and provide a significant benefit to secondary school students as their NZQA Record of Achievement will capture their micro-credential achievement.

The programme covers topics relating to working safely on an extractives site, including using personal protective equipment, identifying hazardous substances, and isolating and locking out equipment before working on it.

To view the programme outline—click here: <https://www.mito.org.nz/schools/rockup/>

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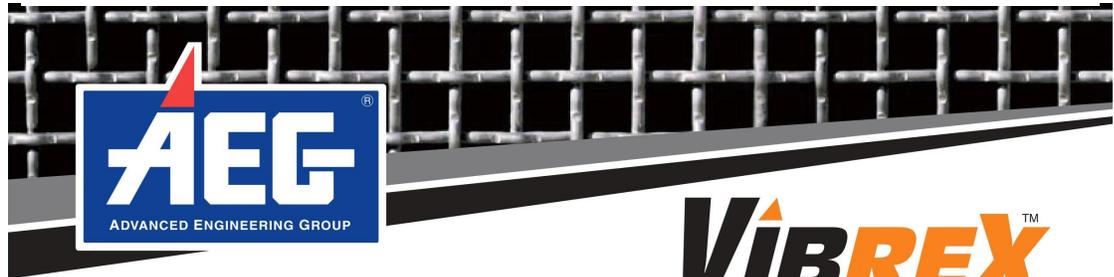
Friends of the IOQ



Oil Intel Ltd
Authorised Distributor of
Total Lubricants



Advertisement—AEG



VIBREX SCREENS SPECIFICATIONS



VIBREX - WIRE

VIBREX screens compose of individual wires that vibrate independently at different frequencies preventing material accumulating between the wires and allowing the self cleaning effect.



VIBREX - POLY

Aperture	Wire Diameters		
2.50	1.25		
2.75	1.60		
3.00	1.60		
3.15	1.60	2.00	1.60
3.50	1.60		
4.00	2.00	1.60	
4.50	2.50	2.00	1.60
4.75	2.00		
5.00	2.50	2.00	1.60
5.60	2.00		
6.00	2.50	2.00	
6.30	2.50	2.00	
7.10	3.15	2.50	2.00
7.50	2.50		
8.00	3.15	2.50	2.00
8.50	3.15	2.50	
9.00	3.15	2.50	
9.50	3.15	2.50	
10.00	3.15	2.50	
11.20	3.15	2.50	
12.00	3.15		
12.70	3.15		
13.20	3.15		
14.00	3.15		
15.00	3.15	2.50	
16.00	3.15		
18.00	3.15		
19.00	3.15		
20.00	3.15		
22.40	3.15		

* Custom specifications are available on request

Aperture	Wire Diameters (Poly Screens)			
2.50	1.25	1.60		
2.75	1.60	2.00		
3.15	1.25	1.60	2.00	
3.50	1.25	1.60	2.00	
4.00	1.60	2.00	2.50	
4.50	1.60	2.00	2.50	2.80
5.00	1.60	2.00	2.50	3.15
5.60	1.60	2.00		
6.00	2.00	2.50	2.80	3.15
6.30	2.00	2.50	2.80	3.15
7.10	2.00	2.50	3.15	
8.00	2.00	2.50	3.15	
9.00	2.50	3.15		
9.50	2.50	3.15	4.00	
10.00	2.50	3.15	4.00	
10.50	4.00			
11.20	2.00	2.50	3.15	4.00
12.00	2.50	3.15	4.00	5.00
12.70	3.15	4.00		
13.20	2.50	3.15	4.00	
14.00	2.50	3.15	4.00	5.00
15.00	3.15	4.00	5.00	
16.00	3.15	4.00	5.00	
17.00	3.15	4.00	5.00	
18.00	3.15	4.00		
19.00	3.15	4.00		
20.00	4.00	5.00	6.30	
22.40	4.00	5.00	6.30	
25.00	4.00	5.00	6.30	
28.00	4.00	5.00	5.60	6.30
30.00	6.30			
31.50	5.00	6.30		

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



Our website provides information on the following;

- IOQ Executive Committee,
- Branch Chairmen and Secretaries,
- Upcoming branch meetings
- Conference updates
- Award nomination forms
- Membership forms,
- Webinars seminars, and forums

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

ioqnz.co.nz

Welcome to New Members

Name	Category of Membership	Branch
Bonnie Walker	Member	Marl/Tasman
Daniel Low	Associate	Canterbury
Pierre Stockman	Member	Waikato/BOP
Jay Brown	Associate	Marl/Tasman
Aaron Drake	Member	Canterbury
Simon Allen	Associate	Canterbury
Aaron Murdoch	Member	Otago/Southland
David Dreadon	Member	Northland
Craig Nicholson	Associate	Auckland
Bruce Bowie	Member	Auckland
John Preston	Associate	Auckland
Christian McDean	Technical Member	Waikato/BOP
Samuel Orchard	Member	Marl/Tasman
Michael Thomson	Member	Canterbury
Ruby Johnston	Member	Canterbury
Andrew Birchfield	Member	Canterbury
Mitchell O'Kane	Member	Auckland
UPGRADES		
Wayne Dygas	Member	Marl/Tasman
Emmalee Giddens	Associate	Marl/Tasman
Dennis Clark	Member	Marl/Tasman

The Executive would like to extend our thoughts to you and your families during this difficult and challenging time.

Keep safe and remember all the things we can still enjoy!