



Executive Committee 2008/09:

President:

Mr George Kelcher

Immediate Past President:

Mr Steve Ellis

Vice President:

Mr Warwick Leach

Mr Murray Discombe

Mr Les Ward

Mr Gavin Hartley

Mr Andrew Mahon

Mr Gordon Laing

Mr Stephen Garwood

National Secretary/Treasurer:

Mrs Christine Dodds

Invited Board Member:

Mr Kevin Walker,
CEO Exito

President's Notes:



Hello to Everyone

It is March already and in my part of the country it has gone from being very dry to very wet underfoot in a matter of three weeks. This is good for the farming community that want to grow grass but not so exiting for the cropping fraternity who wish to get on with the harvest. It also creates some short term difficulties for Contractors however provides extra work in the long term.

The IOQ NZ Executive held our quarterly meeting in Invercargill on February 18th. This was combined with a Joint Conference Committee meeting in the afternoon, followed by an Otago Southland Branch meeting held in the evening at Titan Volvo's branch premises.

IOQ NZ have taken the decision to change the end of financial year date to 31st December to allow more time to have the annual accounts fully audited before the annual conference in July. This will mean the subscription fee for the 2009 year will be for seven months only (1st June to 31st December) and this will revert to a full twelve months as from 1st January 2010.

We are also looking at some changes to the IOQ NZ Rules to keep New Zealand in line with the IOQ UK and to reflect what has actually been happening over recent years. These proposed rule changes should be ready to be presented to the Members at the AGM in July for discussion and ratification.

The organisation for the 2009 Annual Conference that will be held in Invercargill is well underway and we are now actively looking for sponsorship for what is a very well attended annual event. Registrations will be available over the next couple of months and I strongly recommend that members attend and enjoy what will be a very well organised and special event, the Southern Group have some great ideas and I am sure that this year's Conference will be another one that is enjoyed by all those who attend. Think about taking some extra time to look around the southern part of New Zealand and enjoy the scenery and local hospitality that is abundant in this area at the same time.

Please think about and act upon nominations for all the various Awards that will be presented in Invercargill, the

more entries there are the better it is for everyone, please get the entries in early.

The Branch meeting at night was well attended and included a presentation given by Jason Lowe and James Boyce on the recent activity of the revitalised AQA Technical Committee. It is great to see that Jason and his Team are very proactive with liaison with various sectors, both in Government and with Local Bodies, also with service providers to enhance the position of our Industry.

Thank you very much to Titan Volvo as the sponsor on the night and for making their premises available. Also thanks for the refreshments and the excellent pizzas that arrived at the appropriate time.

The 2009 World Presidents meeting is being held in Durban, South Africa, during April this year as part of IOQ South Africa's 40th Anniversary celebrations and partner Joanne and myself are privileged to be able to represent IOQ NZ at what will be a special event in Durban. It will be a pleasure to catch up again with a number of people that attended last year's Presidents Meeting held in Auckland and to look around a new part of the World.

I was invited to, and attended, a forum in Wellington on March 6th hosted by Exito to launch their new Industry Training Plan. There has been a change in emphasis from TEC and Government as to what is required to ensure future funding for ITO's and it is important that our Industry fully support Kevin Walker and his Team at Exito in their endeavours in continuing the funding and training that we have enjoyed in the past.

Exito now covers a wide range of Industries but it is important to realise that the Quarry & Mining sector still make up over 70% of trainees. The Exito AGM is coming up on 1st April in Christchurch and it is very important that we have support through our members either attending the meeting or ensuring that your proxy votes are forwarded to Christine Dodds or myself to make sure that we retain numbers on the Exito Board to help reflect the fact that our sector makes up the largest numbers of trainees.

Steve Dohnt, a current Exito Board Member, will take over the guaranteed IOQ NZ & AQA appointee position from Warwick Leach and we will have another nomination from the floor to keep up as much representation on the Board as possible. Your support for this is very important as we will need as many votes on the day as possible.

I would like to take this opportunity to congratulate Russell and the Vickers family on achieving 50 years in the Quarry Business. Russell and Marie have been long time loyal supporters of the IOQ and attended many Conferences together over the years. The weekend of 14th & 15th March will bring many memories together at Vickers Quarry in Stratford and it is a credit to Russell and his team on achieving 50 years.

Once again I also ask members to support our "Friends of the IOQ NZ" Sponsors as in these uncertain times it is even more important to have long term relationships in business to ensure that we all survive the current downturn and are in the position to prosper when the upturn arrives – as it is sure to do, it is just when.

At times such as this it is even more important to look after competent and skilled staff because when the economy turns the corner we do not want to be short of skilled and loyal people.

Thank you to Christine for once again putting together our quarterly newsletter.

"Take Care & Stay Safe".

George Kelcher
President IOQ NZ

IOQ BRANCH REPORTS

CANTERBURY BRANCH:

by Andrew Mahan

The last meeting of the Canterbury branch was held on 3 February in Christchurch at Gough's premises in Hornby. The meeting was well attended and our guest speaker was Barry Robinson MBE from the U.K.

After discussing plans for a Stockton trip, Barry gave a very interesting presentation on Health & Safety starting with him receiving an MBE for services to health and safety in quarrying, then on to Barry starting his working life as a machine operator as the M1 motorway was being built.

Later he became an operator trainer for the UK Caterpillar dealer. After speaking of his many overseas experiences, Barry then focussed on the theme for the presentation` Health & Safety in the UK. Accidents have been reduced by 50% from 2000- 2005 which resulted in a reduction in slips and trips through to Barry's involvement in rear view mirrors which have a greater field of vision. Barry was not only rewarded by a good attendance, but by the keen interest shown by those present in his presentation. This was relayed to him many times over during supper.

Many thanks to Barry for the insight on the gains and achievements by driving Health & Safety in quarries and to Goughs for the venue and supper which was provided.



Stockton visit, Round two !! The first trip was postponed because the twenty who showed interest changed to only nine confirmed! Since then Marc and I have received emails and phone calls from people who want to make this trip to happen so there are now 14 names of people that are keen to go. The date chosen is the 18th of April with the cost of the Stockton trip being \$10 per person or \$28-\$38 for the Cape Foul Wind quarry. The tour leaves Westport at 10.30 am and returns at around 4 pm. If we cannot go to Stockton, the tour operator will take us to Holcim's Cape Foulwind quarry and other sites of interest. The Stockton tour is subsidised; going to Cape

Foulwind costs \$600 per vehicle which is why we need to have one or both Unimogs full. We need 16 or 21 or 37 people to make this trip viable so please, you need to get your name in quick. For further information contact either Andrew Mahan or Marc McSkimming. *by Andrew Mahan*

WAIKATO / BAY OF PLENTY BRANCH

Waikato/Bay of Plenty Branch of the IoQ held a meeting on Tuesday 3rd March 2009 at 7.00 pm at the Mimico premises.

Apologies were received from Richard Crighton, Simon Stocker, Lee Brightwell, Kevin Hammond, Ben Hussie, Kevin White, Darcy Maddern, Jon McAllister, Rick Johnson and Rex Davie.

The guest speakers were James Boyce & Jason Lowe:

James is the president of the AQA and he spoke on the AQA National Committee that has been formed and he heads. This committee deals with any issues that the Quarry Industry may have at a National level.



Jason is vice president of the AQA and he spoke on the Technical Roding Committee that he formed. Now there are four representatives running this committee. This committee is fast becoming a mouth piece for the Aggregate industry, on the types of aggregate used in the roading and construction industries.

A very informative speech by both guests; well done guys, keep up the great work.

Field Trips:

A visit is planned to see Swaps Toatoaroa Quarry, Pugmill, then Hinuera Stone to see the new saws cutting the stone, and possibly back to Matamata for refreshments on a date to be announced.

Auckland Branch has invited the Waikato/BOP branch to be part of their field trip on 14th March to three quarries and a cement works that are north of Auckland. The cost is \$10 and the bus leaves from Gough's Cat car park at 7.15am.

2009 IOQ/AQA National Conference: L Ward gave an update on this year's conference to be held on 8 -10th July at the Ascot Hotel/Motel in INVERCARGILL - it is shaping up to be a great conference with a highlight being Tim Shadbolt! Also some good places to go to on the field trip... be early to register to get the discounted rate.

Conference Awards: Once again, the subject of awards that are on offer at the National IOQ/AQA Conference - the Waikato/BOP branch are looking for at least one nominee for each award, so get your nominees in asap.

Jim McDonald Lecture Tour: L Ward met with Metso Minerals NZ and they have pledged their support and money for the tour to go ahead. Metso are looking for a possible overseas guest speaker, but if they do not come up with one, we need to come up with someone from NZ to do the tour. If anyone knows of someone suitable then please contact Les Ward.

Sponsor for the evening was MIMICO and a big thanks to Rex, David and Graham for the use of Mimico's great facilities, and supplying food and refreshments. The evening concluded at 9.30 pm.

By Les Ward



THE INSTITUTE OF QUARRYING OTAGO SOUTHLAND BRANCH MEETING - 18 February 2009

This was our first meeting for twelve months, other than a field trip to the Oamaru area in April last year. In saying that it was a very successful meeting hosted by Dwayne McLellan the Territory Manger for Titan Plant Services in Invercargill, a big thanks to Dwayne and our many sponsors who support the IOQ throughout the years. Twenty-six people attended the meeting with the majority of the numbers made up from the Executive members of the IOQ and AQA it's great to see both boards out talking and listen to those at the sharp end of the aggregates industry. James Boyce (President AQA) and Jason Lowe (Head of AQA Technical committee) gave a presentation on AQA business and what they have been working on recently. Jason's talk on the technical aspect of the aggregates industry was very interesting and again it's great having someone like Jason talking to our major

customers giving them the aggregates industry's view on life.

Since we had a star studded audience we also heard from Lex Robb presenting on Conference 2009 to be held in Invercargill 8-10 July 2009. Tony Hunter, AQA gave a Minex update. George Kelcher, President IOQ, gave a brief run down on IOQ business and Kevin Walker CEO of Exito gave an update on Exito business.

If any Otago Southland members have any ideas for future meetings or field trips I would welcome hearing from you, or if you would like to be involved with the running of the local branch give me a call, remember many hands make light work. Once again thanks to Dwayne and his team for sponsoring the night. (Next time Dwayne we can probably order, half the number of pizzas, but the volume of refreshments was probably about right!)

*Gavin Hartley
Secretary, Otago Southland Branch*

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SCHEDULING AND TEAM EFFORT PAY OFF ORICA AT HG LEACH LANDFILL

Orica has assisted its client HG Leach to squeeze one year's blasting work at the Tirohia Landfill into just six months, enabling it to remain ahead of new landfill material being deposited.

HG Leach is a New Zealand-owned company with interests in quarrying, contracting, solid waste disposal, heavy plant and equipment and road and bulk cartage. The company operates four quarries at Tirohia, Waitawheta, Matatoki and Tahuna and manages refuse transfer stations and landfill disposal for local authorities.

The Tirohia Landfill is located on Quarry Road off State Highway 26, seven kilometres south of Paeroa. It has been constructed in the exhausted pit area of the Tirohia Quarry. The landfill has been developed in stages, filling sterilised quarry areas exhausted of saleable rock. The landfill material is sourced from a wide catchment – local bodies in the Waikato, Bay of Plenty, Coromandel and Gisborne.

'The issue facing Tirohia was that the landfill was progressing at a faster rate than they could extract the rock,' says Orica's North Island Manager Craig Pledger. 'Our client needed to maintain 500,000 cubic metres of air space between the advancing landfill and the extraction of aggregate. They were concerned about leaving a valuable resource behind. But if they delayed to extract the remainder of the rock then there would be a revenue loss from failure to meet landfill development requirements. Either way they were facing a loss unless a solution could be found.'

To address the issue Orica has worked closely with the client to schedule blasting to speed up the amount of rock removed by the first of October this year. 'Thanks to the scheduling implementation, the work carried out by Top Rock, our drilling contractor, and a client/team effort to increase crushing capacity,



we're ahead of schedule by six weeks,' says Craig. 'Where the rock has already been removed, the area has been backfilled with landfill material. We've succeeded in squeezing a standard year of production into a six-month period. Over the past six months we've shifted around 100,000 cubic metres of rock.'

Other benefits for HG Leach have included more efficient blast sizes, better rock fragmentation and improved control of the final quarry wall. 'We pre-split the quarry wall to make it easier for shotcreting – a key element of our blasting design.' Craig says that becoming involved in clients' quarry planning and design gives Orica more ownership of the process and allows them to be more effective.



'The scheduling of blasts is critical to avoid machines parked waiting. Our goal is always to be ahead of the machine operators. Less downtime for both labour and machines reduces costs. Doing bigger blasts improves productivity. So it's a win-win all around.'

HG Leach's Quarry Operations Manager Dean Torstenson says: 'Orica brought in their surveyors and technical experts and quantified the volume of rock to give us a final pit design as well as a pre-split on all pit benches for safety. 'We soon realised that the volume of rock remaining in the pit was too great to just walk away from. We needed to find a balance. If we left rock behind it would mean less space for rubbish as well as lost rock. The more space we can give over to the landfill the more we can put in. 'Orica came up with a plan and process which has enabled us to keep ahead of the landfill footprint. 'Having access to Orica's experts has given us more options. Orica is now assisting us with a development plan for our stage two deadline. Our relationship with Orica is ongoing; they're very professional and a great bunch of guys. I couldn't speak more highly of them,' says Dean. Orica has just signed a new three-year contract with HG Leach, following on from its previous two-year rock-on ground contract at three of its client's quarries.

41ST JOINT AQA / IOQ CONFERENCE

will be held 8 –10 July 2009, Ascot Park Hotel, Invercargill

****Registration packs available – Email: Roger@QuarryNZ.com**



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Institute of Quarrying NZ Inc AWARDS

There are a number of awards given at the AQA/IOQ Joint Conference each year – these are:

NIEMAC AWARD

- This Award is made to recognise personal achievement by an IOQ member working as a quarry plant operator, engineer or manager.

RD HASSED MEMORIAL TROPHY

- This trophy is awarded annually to the NZ member of the Institute who has made the most outstanding contribution to the Branch during the current year.

GOUGHS CAT AWARD

- The Award is a \$3500 travel grant, towards the cost of travel within New Zealand or Australia for the operator that has consistently shown the most dedication and commitment to the quarrying industry.

KOMATSU NZ AWARD

- The Award offers \$5,000 towards travel for excellence and service within the Institute. The award is to assist the recipient to further his or her knowledge of the quarrying industry for their benefit and that of the Institute of Quarrying NZ (Inc).

Nominations are invited – please see the website for details and forms – www.ioqnz.co.nz

EXITO Report



Industry Training: laying the groundwork: Representatives of the Extractive Sector gathered in Wellington on Friday 6 March to attend an EXITO-led forum regarding the proposed Extractive Sector Industry Training Plan. The purpose of the forum was to seek feedback on the Industry Training Plans for 5 key EXITO sectors, namely Extractive (Quarrying & Mining), Drilling, Gas, Protective Coatings, & Resource Recovery, before presenting to the Tertiary Education Commission. The result of significant research and stakeholder consultation, these Plans form the backbone of Industry Training strategies for the next 2-5 years, fulfilling the legislative requirement under the Industry Training Act 1992 which requires EXITO to provide ‘leadership within the industry on matters relating to skill and training needs by’:

- Identifying current and future skill needs; and
- Developing strategic training plans to assist the industry to meet those needs; and
- Promoting training that will meet needs of employers and employees.



“We received a lot of positive feedback from the industry attendees and TEC representatives” said Kevin Walker, CEO. “This milestone could not have been achieved without the guidance and input of the Sector Advisory Groups (SAGs) who have made a major contribution to the planning process. This second round of consultation was crucial in obtaining wider industry input and approval for the Plans”. The Extractive Sector group identified the following key priorities to focus on: the need for training resources, the need to grow assessor human capital; and the need for ongoing research and development, with a need to provide leadership and strategic focus. Additional priorities for EXITO include meeting TEC requirement of embedding Literacy & Numeracy into resources & assessment tools.

“I think it was a really useful exercise” said Warwick Leach of HG Leach, who is also a member of the EXITO

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Board. “It’s important that we, the industry, have an understanding of TEC requirements so that we can develop training strategies that meet these, while still fitting industry needs.” All companies listed on the EXITO database will automatically receive a copy of the Industry Training Plan once the feedback has been incorporated. Further copies are available by contacting:

Phillippa Boa, Marketing & Communications Manager, EXITO E: phillippa@exito.org.nz | T: 03 964 4713 | www.exito.org.nz

EXITO Careers Roadshow: Teenagers across the country are getting a high-tech helping hand in determining their future career paths with the InZone Career Roadshow bus which is currently touring secondary schools across NZ. This custom built, state of the art vehicle contains 22 ‘pods’, each complete with a Plasma screen, headphones, keyboard and mouse, displaying a wide variety of career options in an interactive way. The EXITO pod displays a five minute film clip giving students a taste of careers in Quarrying, Mining, Gas and Drilling and once they have registered to learn more, their details are automatically collected by the Inzone database which can then be accessed by EXITO staff to continue the careers dialogue. With an expected take-up of 40,000 students this year, the Inzone Roadshow is a fantastic careers resource for schools as it reduces costs and eliminates the logistics of transporting teenagers to different event venues for careers expos. From EXITO’s perspective, it not only eliminates the cost of attending lots of little careers expos, but also ensures that we are communicating with an interested target audience. The next phase of the Inzone Experience is also about to be rolled out. 100 interactive ‘kiosks’ are being given to school libraries across NZ allowing students to access careers information. Recipient schools have been selected on the basis of size and geographical spread, but further roll-outs are planned. The queues are already forming!



EXITO goes Hands-on in Porirua: One Careers event which was definitely worthwhile attending was the Hands-on Career Expo in Porirua on Thursday 19 March. Armed with the Caterpillar Simulator, and Inzone DVD clips, the EXITO stand proved to be one of the most popular of the day, with hundreds of keen young guys and girls showing a strong interest in the Extractive Industries. Hungry to have a go, the students first completed a quick and easy competition before jumping on the joysticks to show off their skill at digging and dumping ‘digital dirt’. There were some true stars here, so anyone interested in sending them careers info, please contact me.

By: Phillippa Boa, Marketing & Communications Manager, Exito



KEY LINKS

IOQ NZ Inc.....	www.ioqnz.co.nz
AQA.....	www.aqa.org.nz
EXITO	www.exito.org.nz
NZMIA.....	www.minerals.co.nz
MinEx Health & Safety Council.....	www.minex.org.nz
Fulton Hogan	www.fh.co.nz
Road Metals.....	www.roadmetals.co.nz
Australian Institute of Quarrying.....	www.quarry.com.au
UK Institute of Quarrying:.....	www.quarrying.org
Bearcom [TR Corporation]	www.bearcom.co.nz
Locker Group.....	www.locker.com.au
Real Steel.....	www.realsteel.co.nz
Rocktec	www.rocktec.co.nz
Sandvik	www.sandvik.com
Russets Engineering	www.russet.co.nz
Vickers Quarries.....	vq@extra.co.nz

Welcome to New Members and Upgrades - IoQ NZ Inc - February 2009:

Craig Harvey	INVERCARGILL	Associate.....	Otago
Matthew Hayle	AUCKLAND	Associate.....	Auckland
David Douglas.....	PALMERSTON NTH	Member	Central Districts
Marc McSkimming.....	CHRISTCHURCH	Associate.....	Canterbury
Jamie Lunam.....	MATAMATA	Associate.....	Waikato/BOP
Gary C Oliver	AUCKLAND	Associate.....	Auckland
William Hackshaw	DUNEDIN	Associate.....	Otago
Jon Clark.....	CHRISTCHURCH	Associate.....	Canterbury
Andrew M Watson.....	CHRISTCHURCH	Associate.....	Canterbury
Geoff Cooke	CHRISTCHURCH	Member	Canterbury
Kevin Whiteman.....	BULLS	Associate.....	Waikato/Bay of Plenty
Murray Discombe.....	AUCKLAND	Member	Auckland

Upgraded

article from: <http://www.postersatwork.co.nz/index.php/health-and-safety.html>

SAFETY PERCEPTION

As part of the NZ Injury Prevention Strategy a survey of people's attitudes and beliefs, found that most people regarded their workplace as a relatively safe place to be. However ACC 2005-06 entitlement claims, showed that the largest source of claims were from accidents occurring at work or in the home. Of the 114,930 new claims lodged for the 2005/06 period both locations (home and work) accounted for 35% of those claims. However, the work related accidents were more expensive, contributing to 35% of the total cost, whereas accidents that occurred at home accounted for only 28%. Compare that to road accidents: 5% of new claims and only 7% of the overall costs.

When the participants were asked if safety records were improving, survey respondents felt most optimistic about work related safety. 71% of male and 59% of the female respondents thought places of work were getting safer, whereas just of half thought the same about safety in the home. Less than half believed that water and road safety were improving.

YOUNGER PEOPLE > GREATER INJURIES

Younger people get injured in workplaces more often than other age brackets.

In Europe the injury rate of those aged 18-24 years is 50% more than any other age group.

In NZ for the 2005/06 year more than 5000 new ACC claims for injuries in the workplace were made by people 15-24 years old. Approx 38% of those were school aged workers 15-19 years.

WHO IS RESPONSIBLE FOR EMPLOYEE MOTIVATION?



Sports coach and trainer John Shackleton says that it is not up to a manager to motivate their staff – it is up to the individual employees to motivate themselves.

Shackleton asked 180 finance, accounting and HR professionals "What would be the point in me motivating you right now? If I'm paid to motivate you today, then someone else is going to have to pay me to motivate you tomorrow." He used the notion of what would happen if Graham Henry had an All Black who wasn't motivated, what would Henry do – he would sack that player, and find another.

But, Shackleton said, it doesn't mean you should get rid of all your unmotivated staff. "If the staff are not self motivated, teach them how to do that. Provide stuff for them so they can work and provide their own motivation."

Managers and their staff could learn from athletes, and incorporate the techniques that athletes use to motivate themselves. Athletes don't have a problem to motivate themselves for the big events, but they still have to get through the mundane boring day-to-day training.

"Athletes train themselves to control their thinking. The rest of us don't do that, we allow thoughts to come to us"

"Inspirational leadership is important in today's business environment, but everybody needs to realise that they are the only person who is going to make them achieve what they want".

COURT FINES "MUST BITE"

The High Court is calling for tougher HSE Act fines/penalties for large companies, especially those with previous convictions and infringements. Increasing a fine of \$4,000 imposed by the District court, to \$16,000 Justice Warwick Gendall stated that penalties imposed under the act "must bite" if they are to serve as a deterrent to others.

He compared the original fine of \$4,000 to a licence fee. The case in question was a quarrying accident in which a worker narrowly escaped with his life.



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INTERNATIONAL SUPPORT: Our company has offices in Auckland, Hamilton, Wellington, Christchurch Melbourne, Sydney, Newcastle, Brisbane, Gold Coast, Mackay, Townsville, Darwin, Adelaide, Perth, and Malaysia, with numerous Authorised Resellers located throughout regional Australia.

EXPERIENCE COUNTS: Our experienced staff includes communications engineers, trained technicians, installers, account managers and dedicated customer service personnel. Each Bearcom branch is equipped to service all your wireless communications needs including service and installation of all equipment sold.

INDUSTRY AWARDS: Bearcom has been recognised Australasian Dealer of the Year every year since 1994 in Australia, a fact we are extremely proud of. In New Zealand we have also been awarded Tait Dealer of the year awards every year since we established a presence in 2006. We attribute our repeated to success to consistently delivering quality solutions and service year after year.

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- Trunked & conventional radio systems
- Onsite paging systems
- Digital Trunking Systems
- Voice Recording
- Factory Mutual radio equipment
- System design and engineering
- Vehicle Tracking & Fleet Management

ENGINEERING & DESIGN

- Consultation
- System design
- Building & testing
- Installation
- Commissioning
- Integration
- Training and documentation

RENTAL SOLUTIONS

- Two way radio rental
- Conventional & trunked system rental
- Event communications management
- Frequency management
- Factory Mutual equipment rental
- Mobile Incident Communications Unit for disaster relief

SERVICE & MAINTENANCE

- Authorised Tait Service Centres
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- Site tests
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