



The Institute of Quarrying New Zealand Inc

IoQ QUARTERLY NEWSLETTER

Issue No. 19

June 2009

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

The day of writing this is June the 1st, day one of winter and it certainly is; cold fronts, a lot of rain and plenty of snow to low levels throughout the country. This is great for the ski fields which are able to open earlier than is usual.

In just over a month we will be gathering in Invercargill for the Annual Conference with the theme "Rock on South". I invite all members, partners, sponsors and suppliers to join us for this event which I am sure will have plenty of local flavour and will be another memorable event.

This will be a time to increase knowledge from the various papers that will be presented, a chance to pick up some new ideas and products from the Trade Stands, that are always well supported, and perhaps the best part, is the chance to catch up with old friends, meet some new ones and to network with a wide range of people which can set the groundwork for business opportunities, both for quarry orientated attendees and also very much so for suppliers and sponsors – you never see so many quarry representatives in one place at any other time of the year.

We still need to receive more entries for the various awards that are available at Conference, this is a very good way to recognise and reinforce the talents of some of your staff, so please get these into Christine Dodds ASAP.

My thanks to the local organising committee for all the hard work they are putting into organising this year's event along with Conference Secretariat Adrian Mattinson and his assistants.

Also at this Conference my term as President will end with Warwick Leach taking over this role for the upcoming two years. I have enjoyed my time in this position, the opportunities that it has presented, with a lot of these being ongoing. My thanks to the IoQ NZ Executive Members who have supported both the Institute and myself during this period.

Recently Minex circulated a discussion document relating to A & B Grade Quarry Tickets and the need for these to continue into the future. At the recent IoQ NZ Executive meeting in Wellington there was an in depth discussion on the ramifications of various courses of action and what IoQ NZ's view and position should be.

IOQ NZ have put in a strong submission supporting the retention of Quarry Management Tickets in some form or other although we will also support a review of the makeup of these tickets and the possibility of aligning A & B Grade Tickets closer to the National Certificates that are currently available under the Exito Training system. IOQ NZ will have representation on a subcommittee being set up to undertake this review and we will keep members updated with progress on this subject.

Joanne and I recently attended the Southern African Conference and the World Presidents Meeting held in Durban and there is a separate report elsewhere in the newsletter on this event.

The current worldwide recession is having further effects, one major one being the much lower Dairy Industry payout to farmers which will have a flow on effect on the Quarry and Contracting Industries along with Concrete Supply Companies etc. This may be slightly offset with an 11% rise in building permits in recent months.

Having talked to number of people from various parts of the world at the Presidents Meeting I believe that New

Zealand is much better off than just about anywhere else in the World.

Let us hope that the current Government can get the talked about infrastructure projects up and running and that the Environment Court system can give the green light to the large number of other projects that have been in the system for what is now a number of years. If some or all of these projects become real then our Industry will be one of the first to benefit and will carry us through to the next upturn which will inevitably arrive.

Thank you again to the "Friends of IOQ NZ" sponsors, your contributions are invaluable to our ongoing success,

members please remember to support these sponsors in your daily business.

A special thank you to Christine Dodds for her ongoing efforts which have been very much appreciated over her time as Secretary / Treasurer.

To everyone else, thank you for the opportunity to be your President. Stay safe and I will see you in Invercargill.

George Kelcher
President
Institute of Quarrying New Zealand Inc

IOQ BRANCH REPORTS

CANTERBURY BRANCH:

by Marc McSkimming

Meeting Held at Titans, 18 Logistic Drive, Christchurch at 7 pm, 13th May 2009

Andrew Mahan welcomed everyone and introduced Brent Mitchell, Branch Manager of Titan/Volvo.

- Apologies were received from Allan McDowell, Marc McSkimming, Janie McCulloch and Doug Pope.
- Minutes of Previous Meeting were read and confirmed as correct and there were no matters arising.
- A Mahan thanked 'Out West Tours' for the effort they put into making the Stockton trip enjoyable for IOQ members and also John Drummond for the tour through the Westrack Site.
- A Mahan spoke with D Laing about signing rights on cheque book.
- Raffle Income \$213.00.
- Motion – Get signing authority changed to Marc McSkimming and A Mahan - Moved M Francis, Seconded D Laing

Upcoming Events: Field Trip to Victory Lime in the Spring and the IOQ conference in Invercargill. Copies of registration and programme were made available and members encouraged to attend.



Stockton Mine/Globe Mine Tour – The 7th November has been booked with Out west Tours. Stockton Tour Saturday, stay Reefton Sat Night and Globe Tour Sunday.

General Business: After general discussion it was agreed for the Canterbury Branch to buy vouchers of various types for the raffle and to be used should the raffle prizes be short on the night. The raffle needs to be kept interesting and be well supported as this is the main source of income to the branch.



To keep the meeting attendance up meetings need to be held in interesting places and have quality speakers. A Mahan to contact Jason Lowe and ask him to talk about the technical side of AQA.

M Francis thanked A Mahan for the good attendances to the meetings and the friendship amongst members, the success of the fieldtrip to Stockton and the planned fieldtrips. All of this puts Canterbury Branch in good heart.

Susi Batterbury, Industry Training Advisor, Extractives, EXITO spoke about the situation with training and national certificates. Geoff Cooke (Winstone Aggregates, Yaldhurst) was congratulated on recently achieving the highest extractives industry qualification, the National Diploma in Extractive Industries (Management) which will be presented next month. Susi also introduced the industry training plan which has been developed by the extractives training sector advisory group. It is a three

year plan identifying current and future skill and training needs for the industry. A copy will be coming out to companies soon, and she mentioned that support from industry will be needed to achieve some of the action points it identifies.



The meeting closed at 1925 hours and was followed by Des Smith showing a video of our Stockton tour and then Brent Mitchell showed the group through Titans facilities ending up in the workshop where supper was enjoyed alongside a new Volvo L350F.

OTAGO SOUTHLAND BRANCH - 2007 - 2008

The Otago Southland Branch had a reasonably quiet year, holding two meetings and a field trip.

28 November 2007 – AGM was held in Dunedin sponsored by Orica Mining Supplies. Peter Johnson gave a presentation on blasting techniques. The meeting was attended by the IOQ President and 10 members and interested parties. Craig McCrorie was re elected Branch Chairman and Gavin Hartley was re elected Secretary.

20 February 2008 Meeting held at Cable Price's office in Invercargill, Cable Price sponsored the evening. Marc Papke from Downer EDI gave a presentation on the building of the White Hills Wind Farm. At the meeting it was confirmed Invercargill will host the 2009 Annual conference and Lex Robb was elected 2009 Conference Chairman. The meeting was attended by the IOQ President and the executive along with the Branch Chairman and 27 members and interested parties.

12 April 2008 Field trip to Oamaru, 27 members and interested parties traveled from Christchurch, Central Otago and Dunedin to site visits to Oamaru Shingle Supplies operation at Hilderthorpe then on to Parkside Limestone operation. The day was completed with a BBQ and beers at Road Metals yard in Oamaru. Many thanks go to Titan Volvo, Fulton Hogan and Blackhead Quarries for sponsoring the bus and Mini van and of course to Road Metals for putting on the BBQ.

By Gavin Hartley, Branch Secretary

WAIKATO / BAY OF PLENTY BRANCH

Article submitted by Warwick Leach



RedBull were hosts of the very successful IOQ BoP meeting on 27 May 2009 attended by 45 members. It was our largest meeting for many years. The venue was kindly supplied by Mimico in Matamata and the evening was sponsored by RedBull, who went to the extra effort of putting a new Tamrock 1100 drill rig and a bulk explosives truck on display.



After official IOQ business the RedBull team gave three short speeches. The first was an interesting overview of construction blasting in urban areas and featured Blasting Engineer, Nick Bastow, talking about the Eden Park redevelopment and Auckland Supervisor, Glenn Ross, discussing difficult blasting for a drainage shaft in Newmarket. Bernie McDonald, TopRock Drilling Manager, delivered his entertaining speech "My Life as a Driller" which was

first delivered to the IOQ Annual Conference in Auckland last year.

Peter Shapiro then delivered his speech from the International Institute of Explosives Engineers held in Denver in February. Peter was a keynote luncheon speaker to delegates from over 40 countries and his speech focused on logistics difficulties facing the global industry and the need to encourage innovation to stay ahead during the economic downturn.

It was a successful evening and we thank RedBull for their input.



Luke Mathieson REAL STEEL
Tel: 0064 4 528 3655 or Mob: 0064 21 993 004

TRIPLE CROWN INCREASES PERFORMANCE

Real Steels new triple-crown jaw design offer several crushing faces and increased tooth life. The bluntly pointed tip slopes to shoulders which slope to the root offering increased performance throughout the life of the jaw. Designed and manufactured by Foothills Steel Foundry, the triple tooth profile has proven itself overseas in North America for several years.

The triple crown profile is available in most jaw sizes and in three steel specifications and is manufactured to tight tolerances with Foothills 60 years of experience. All fit surfaces are machine finished ensuring the best possible fit.

Real Steel can offer tailored solutions to crushing operators machines or environments. Custom solutions such as filled in ends on jaw plates and triple crown tooth profile can provide over 50% greater wear life and are a real option for most operators due to short manufacturing lead times.

The new range of jaws adds to the large range of Foothills steel already stocked by Real Steel including cone liners and high chrome impactor parts.



For more information contact Real Steel on – 0800 REAL STEEL.

SAFETY ALERT

Structural failure and collapse of drill rig mast

INCIDENT:

The mast on an open cut blast hole drill rig collapsed suddenly when the operator attempted to lower the mast before moving the drill rig off the drill bench.

CIRCUMSTANCES:

The operator was attempting to lower the mast on a single pass over-burden drill rig before tramping off the bench and up the access ramp. The operator had unlocked the mast locking pins and was lowering the mast when the lower pivot points on the mast failed, causing it to collapse. The drill sustained substantial damage but there were no recorded injuries.

INVESTIGATION:

An onsite inspection concluded that the mast pivot points had failed where the bearing blocks were welded onto two RHS (rectangular hollow support) vertical supports. Further visual inspection of the drill rig identified additional cracking at the base of the bearing block support steel work.



The collapsed drilling mast (left) and the drilling's failed pivot point (right) on the RHS tubing.

RECOMMENDATIONS:

1. Include, as part of the operator's pre-operational checks, a visual inspection of the mast pivot points, pivot shaft and supporting structure for any visual signs of cracking or component failure.
2. Include more detailed visual inspections on all critical elements as part of all periodic maintenance checks.
3. Consult with the plant original equipment manufacturer (OEM) about the frequency of non-destructive testing (NDT) of all critical structural elements to include, but not be limited to, mast pivot points, pivot shafts, locking devices and supporting structures.
4. A copy of all current NDT reports should accompany the plant for review upon request by the operator of the mine before the machine is put into service.
5. Develop 'exclusion zones' around the plant whenever the mast is being raised or lowered before tramping or servicing.
6. Consult with the plant OEM to ensure the mast pivot points, pivot shaft and supporting structure are of the latest design. Should the plant require modification, this should be carried out in consultation with the plant OEM.
7. Where modifications have been made, or are required to be made, ensure design changes are assessed by the plant OEM or a suitably qualified person.

Article supplied by Brian Bouzaid.

For further information check the website for the NSW Dept of Primary Industries where there are other safety reports and information of interest –

<http://www.dpi.nsw.gov.au/minerals/safety/safety-alerts>

IOQ World Presidents Meeting & Southern Africa Conference April 2009

PRESIDENTS MEETING

Monday 20th April saw Joanne and myself on the plane heading to South Africa for the Presidents Meeting on the 22nd April and the Conference 23rd and 24th April. We had brief stopovers in Sydney and Johannesburg before arriving at the Elangeni Hotel in Durban.

South Africa's President, Gert Coffee and his wife Ria, were on hand to meet us and it was very nice catching up again after having met at our Conference in Auckland. We were also introduced to Terry MacMillan, their lovely Conference Organiser, all of whom made us feel very welcome.

Wednesday 22nd was meeting day with Gert Coffee (South Africa), Dugald Gray (Australia), Chen Nyet Lin (Malaysia), David Sharman (UK) and myself representing the various countries.

There was a late apology from Nick Lewis from Hong Kong who was delayed at the last minute due to business commitments. Also in attendance was Jack Berridge (IOQ UK), Julian Smallshaw (IOQ UK) and Terry MacMillan (IQSA) taking minutes. The South African Vice President joined the meeting after lunch.

Various topics were raised and discussed during the day including reports from all the various Countries represented. Most of the reports had a common theme, quarry demand and output is down significantly overall (the UK by over 50%), ownership of quarry resources steadily working towards being owned by fewer and larger players.

Around five major cement based companies now own a large percentage of resources in the countries represented by IOQ. Mining around the world is also feeling the recession thus effecting contracting companies that undertake contract crushing for the Mining Companies

The Caernarfon Award was next on the agenda with a number of entries from the various Branches. The entry from New Zealand (Sustainable Development Initiatives at Oparure Quarry) submitted by Greg Slaughter and Darcy Maddern was judged the winner – congratulations to both Greg and Darcy for this and another proud moment for New Zealand on the world stage.

There was also discussion on an International Common Purpose Statement and a Common Website Front Page in the interests of giving the IOQ a common front theme

around the world but also allowing plenty of room after that for each branch to present their own website as they wish.

Reciprocal Membership was raised and what would be needed to make it easy for members that are current in any country to be able to transfer to, or join any other country. The thoughts were that entry to any other Branch of IOQ should be accepted automatically upon paying that



Branches membership fee. If the member wished to receive benefits from both Branches (ie magazines etc) then that member may have to pay subscriptions to both countries.

The IOQ UK gave an up to date presentation on their ELearning system which is under development in combination with the University of Derby. Great interest was

shown in this by a number of attendees as other countries are not as far ahead as NZ with our unit standard system run under Exito.

There was discussion around how and where we could expand the IOQ into other areas of the world and there is a meeting being planned for the Gulf Region due to interest from quite a number of Expats from around the world that are living in this area.

Future meetings: The next meeting will be held in Malaysia in November 2009 to coincide with their 20th Annual Conference on the 3rd & 4th November. The meeting for 2010 is programmed for the UK, most likely around the same time as the reprogrammed Hillhead Show in June.

Overall I found it to be very positive meeting with all Branches of IOQ having similar ideas and all heading in the same direction which is very good for the IOQ worldwide going forward. It also showed that New Zealand is well positioned in the area of training having had a well established training system in place for a number of years.

Comment was also made from a number of Presidents who have attended our Conference that given New Zealand has only around 400 members and 4 million residents overall, we do extremely well with our annual conference each and every year.

The IQSA provided an evening with a dinner and show held at the Heritage Theatre based on an excellent rendition of

"Woodstock" which took place 40 years ago (doesn't time fly) which was thoroughly enjoyed by all those attending. Amongst the guests were a large number of past IQSA Presidents and their partners which added to the atmosphere.

IQSA 40th Conference

Approximately 170 delegate and sponsors and 80 partners attended the IQSA 40th Annual Conference. There was a strong attendance from the Past Presidents fraternity which added to the historical significance of the event.

Gert Coffee opened the Conference on Thursday morning and a keynote speaker followed. This was Ian Thomas, a well known expert on lions, who gave an excellent presentation on the "Power of the Pride" and the similarities that lions have with humans and that lion pride behaviour could have with business.

The balance of Thursday was taken up with presentations from all International Presidents and a number of other papers. The ladies programme was a trip to the U-Sharka Marine Park. Thursday evening was a dinner / dance function held at the Elangeni Hotel.

Friday was a day full of papers being presented and a further opportunity to look around the many and varied sponsors stands. Some of the papers discussed the political situation and government legislation that relates to South Africa and this was very interesting given that the forth democratic election was being held in South Africa that very day. It seemed to be very important for all South Africans to take time to vote.



NOTICE:

Malcolm Henderson who is a member of the IQ in the UK emailed Roger Parton asking for help :

Malcolm would like to contact Steve Pickervance who was formerly the manager of a sandstone quarry at Horwich, Bolton [close to Manchester] in England. He emigrated in the past five years to New Zealand and Malcolm thinks he is somewhere near Christchurch. As Malcolm is sure that Steve is still working in the mineral extraction industry he hopes someone can help him with contact details. If you know Steve or have contact details could you help Malcolm by emailing him: mhenderson@wardell-armstrong.com

Ladies programme for the day was an "in hotel" day featuring presentations and a craft session.

Friday evening was a night out at the Barnyard Theatre for a dinner and an excellent live Broadway type music show which was immensely enjoyed by all.

A special event was on offer on Saturday for Presidents and partners and members and partners of IQSA Executive. A bus had been organised to take us to the Zulu Nyala game resort and a drive around the Hluhluwe Game Park in the Lembombo Mountains.



This turned into a fantastic couple of days with Saturday including a game park drive complete with buffalo, zebras, rhinos, various types of antelope, giraffes and elephants. We did not spy any lions or leopards but the grass was fairly long and they may well have been there out of site. The evening turned on an indigenous native night complete with dancers, singing and local food. Once again a great evening relaxing and getting to know each other better.

Sunday was a drive through the countryside back to Durban. Some members had to leave at that time and the rest of us had a late lunch and a great afternoon enjoying each other's company.

Many thanks to IQSA and especially Gert & Ria Coffee, Terry MacMillan and Petro Polgieter for making our visit to South Africa such an enjoyable one.

George Kelcher.

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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@xtra.co.nz

For further information on the Joint AQA / IOQ Conference see QuarryNZ site: www.quarrynz.com

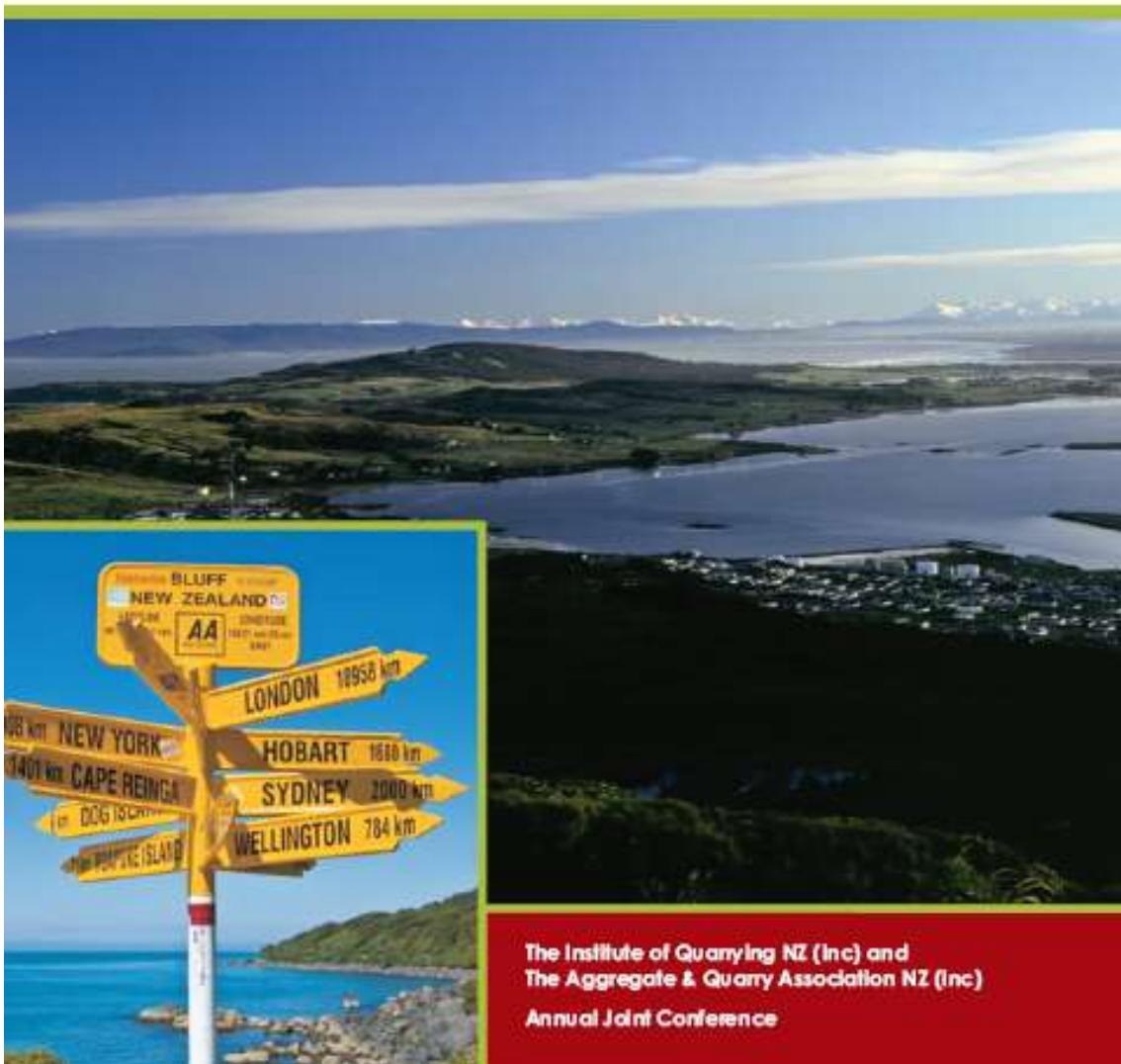


Conference Programme and Information

41st Annual Combined Conference

8-10 July 2009, Invercargill

Ascot Park Hotel



EXITO industry training is "Just the Job"

EXITO is set to throw a spotlight on the Quarrying industry in the next series of 'Just the Job', a TV programme which gives high school students a unique up-close and personal insight into the myriad of career paths across New Zealand. Each episode showcases three different careers through the eyes of a high-school student and an industry 'mentor' which gives the student and the viewing audience a chance to gain a first hand understanding of what happens "on the job".

Although a number of ITOs have used Just the Job as a vehicle to create greater awareness of their industries, it is a first for EXITO. It was seen as an excellent way of meeting some of the objectives outlined in the EXITO Extractive Sector Industry Training Plan 2008 - 2011 which was developed in conjunction with industry earlier this year.

EXITO is keen to promote the Quarrying industry, and in particular the Modern Apprenticeship Scheme. HG Leach and Holcim were chosen as the two locations to participate in the programme as both have Modern Apprentices and have been very supportive of this initiative.

The show will air on TV2 and TV6 later this year, and the contractual agreement allows for 4 repeats on TV2 in the next 5 years. After the first broadcast, the programme will be uploaded to TVNZ on Demand, so that it can be accessed online by anyone at anytime, 24/7. DVDs will be sent to every secondary school (340) across New Zealand and approximately 200 WINZ offices.

EXITO will also be able to feature the Quarrying segment on its website and there are plans afoot to create a dedicated You Tube channel for EXITO where this type of programme could also appear.

EXITO leading the way

EXITO is currently in the scoping phase of two major industry research projects for the Extractive sector which is part of the leadership role envisaged by TEC of all ITOs. Research is undertaken on a cyclical basis and this year is the turn of the Quarrying and Mineral industries. Part of the research will take the form of online surveys, and EXITO will rely heavily on the cooperation of industry in order to gather good quality data. Further information will be forthcoming shortly on how industry can get on board with these projects.

EXITO News goes HTML

EXITO is about to launch a new online newsletter which will replace the old paper format. Feedback from surveys undertaken in 2008 showed that many companies, trainees and assessors would prefer to receive EXITO news in HTML format, and this is now close to achievement. EXITO currently sends out around 5000 paper newsletters quarterly, but the new online format will allow EXITO to communicate more quickly and regularly, as well as presenting some attractive cost savings. As the first publication is due out just after the IOQ/AQA Quarry NZ conference, there's a good chance this will be front page news, so be sure to look out for the first issue!

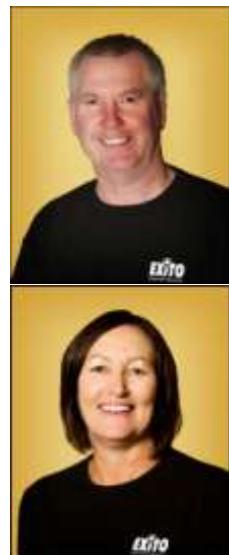
EXITO report to Waikato Branch Meeting 16 June 2009

EXITO representatives Mary Wilson and Trevor Atkinson went along to the last IOQ branch meeting in Waikato on 16 June to talk about a range of issues relevant to industry training.

The last IOQ Waikato branch meeting on 16 June was attended by EXITO representatives Mary Wilson (Extractive Industry Training Advisor, North Island) and Trevor Atkinson, Modern Apprenticeship (MA) Advisor.

Mary gave the group a statistical update on Industry Training credit achievements, which are lower than expected for this time of year. Although trainee numbers are up, the average credit achievements show a steady decline. Although this lower performance level can perhaps be attributed in part to the current economic situation, improvement in this area is a key focus for EXITO. Ongoing poor credit achievement is likely to have an adverse effect on EXITO's investment from TEC, which in turn will mean less money available to industry for training.

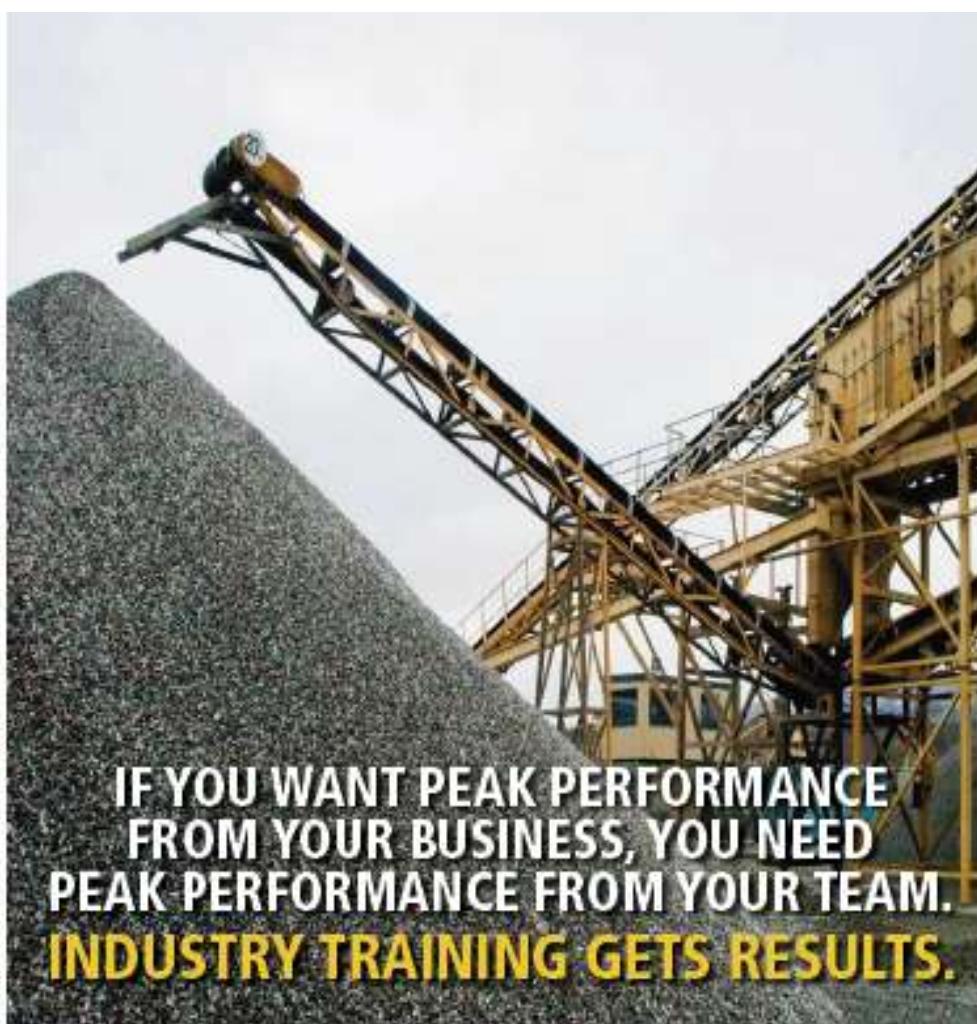
Modern Apprenticeship (MA) numbers are also giving EXITO cause for concern. Trevor's presentation was more of a question to the industry to encourage debate on what EXITO can do in order to raise the number of MAs across New Zealand. There are a number of MAs completing this year, which will leave only 13 MAs across New Zealand. This is disappointingly low when compared to the number of active trainees in the Extractive sector which currently sits at 3073. EXITO needs to raise the profile and numbers of this workplace training scheme. Trevor's appointment demonstrates EXITO's commitment to ensuring that industry recognizes the value of the Modern Apprenticeships, ie 'the smart way to retain staff and grow the valuable skills your business needs to boost its competitive advantage' not to mention the contribution industry will make in training the next generation of talented New Zealanders.



Another key focus outlined by Mary is the need for EXITO to provide ‘Leadership’ in order to meet the requirements set by TEC (Tertiary Education Commission). These requirements prompted the development of the strategic Industry Training Plans for all EXITO sectors, which are set to become the driving force behind EXITO’s training strategies over the next 3 years. As one of the first ITOs to have developed Industry Training Plans, EXITO has been asked to give a presentation at the upcoming ITF conference in July.

The first plan was developed in conjunction with the Extractive Sector Advisory Group and was presented to a wider industry forum in March 2009, before being circulated to all EXITO companies and industry stakeholders. As a ‘living document’, EXITO acknowledges that there are still some gaps in terms of specific industry data, and predictions for the future. However, it has put a stake in the ground, and created a new platform for strategic thinking around industry training in the sector. New data is currently being gathered via two major research projects in the Extractive Sector, which will include industry surveys in order to identify where the industry is headed in the medium to long term. An Extractive Leaders Forum is also being planned for August, which will give the industry further opportunity to get involved and have their say.

Just as EXITO has become more focused on leadership, the SAG role has also had to become more strategic. Until now, the SAG was more involved in rolling out and updating qualifications, and while they will still direct this activity, the nuts and bolts will now be handled by the Industry Advisory Groups (IAG). These groups bring together specific and relevant industry expertise, and together with EXITO’s product development staff and contract writers, are developing the content for unit standards and qualifications. EXITO is keen to have more industry people participating in these groups, to spread the load amongst the SAG and IAGs, so Mary is keen to hear from anyone who is interested in getting involved.



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- improve work place skills and health & safety through industry training
- provide information and advice to employees and employers

www.exito.org.nz



T: 03 964 4710

E: exito@exito.org.nz

For further information contact
Phillippa Boa, Exito,
phillipa@exito.org.nz

Two interesting quarry websites:

[Virtual Quarry - Quarry education, quarry geography, quarry ...](#)

The virtual **quarry** is the UK's essential guide for young audiences to what really happens behind the barriers of a **quarry**, featuring how aggregates are found and extracted and ...

www.virtualquarry.co.uk/text/textquarrysafety.htm

[HSA - Quarry Safety Videos](#)

is the correct version is the incorrect version; Video Name Video Size Windows Media; Mobile

Plant **Safety**: 23.4MB: Mobile Plant **Safety**: 5.45MB: Mobile Plant and Pedestrians

www.hsa.ie/eng/Sectors/Quarrying/Quarry_Safety_Videos



Dear IoQ Members

By now everyone should have received their invoice for the annual subscription fee.

Thank you to all those members who have paid so promptly.

The new end of year balance date of 31 December meant that this year the fee was for only 7 months – next year 2010 it will return to a full year's subscription.

The Institute of Quarrying New Zealand Inc
acknowledges with gratitude sponsorship and support from the following companies:

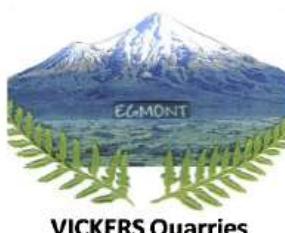
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