



The Institute of Quarrying New Zealand Inc

IoQ QUARTERLY NEWSLETTER

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Mr George Munro [OSH]

President's Notes:

I am pleased to present to you Issue Two of the IOQ newsletter, at again the end of another busy and successful year for the Institute. Yes with Christmas fast approaching it now seems a long time since our very successful annual conference in Wairakei, and didn't they do well. So what's been happening?

On the International front I am pleased to report on my attendance at this year's IOQ International Presidents meeting in Chester, North Wales followed by the IOQ annual conference. Without a doubt a compact few days, 24 hours flying, meetings, then with up to 11 papers presented on one day.

The Presidents meeting was attended by representatives from the UK, Australia, Hong Kong, South Africa & New Zealand. My attendance at the presidents' meeting, on behalf of NZ members gave NZ an international stage to discuss and air New Zealand's view on the IOQ and its future direction. A key topic of the meeting agenda therefore was on International relationship/co-operation across the Institute in the areas of education and training.

Those present exchanged experiences of the problem that the quarrying industry faced in obtaining adequate and relevant training of employees. Jack Berridge, Executive Director of the IOQ (UK) described the recent involvement of the Institute in selection and recruitment of staff for the Quarrying section of the Doncaster University degree and added that it may be necessary for the Institute to consider employing qualified and experienced lecturers in the future. Funds had also been obtained from the introduction of an Aggregates Levy Sustainability Fund to revise teaching materials with respect to the Health, Safety and Environmental content of the Doncaster degree.



At the same time, the content would be revised to ensure that it provided the underpinning knowledge required for National Qualification in Health, Safety & Environmental Management by the Inspectorate for the appointment of Quarry Managers. Clearly the UK Inspectorate was not happy with our industry, an industry that continues to perform poorly in the areas of Health and Safety and that Regulations and enforcement are going to require quarry owners, company directors and quarry managers to ensure that their employees are not only competent but also continually improving their professional development.

My attendance at this meeting was further highlighted when it was announced NZ to be this year's winner of the IOQ UK's Caernarfon Award. Yes New Zealand wins on the International front.

So what is the Caernarfon Award? The Caernarfon Award is presented annually at the Presidents meeting for the best international paper given at an Institute conference, seminar, meeting etc anywhere in the world which is adjudged to have contributed the most to the advancement of some aspect of the industry - either technical, environmental, strategic etc.

This year's entry was a paper presented at our Wairakei conference on "*Kiwi Point Quarry - Assessing and Mitigating the Landscape Effects*".

The Caernarfon Award is named after the town where the very first Institute meeting took place in 1917. The very first award presented, was in 1989 to another New Zealander, Mr Bryan Bartley.

Winning the award I believe highlights New Zealand's professional approach to our Industry, and its high quality of conference papers.

So, on the conference front the conference theme was "*Developing a Culture of Health & Safety*" and was seen as the most important topic requiring action given the quarry industry in the UK had a fatality rate typically 30 times general industry.

The conference programme covered -

- revitalising Health and Safety,
- improving occupation health,
- investment in a safer workforce, and
- regulation and innovation

Speakers ranged from representatives of the quarry industry's regulatory body, leaders of industry, and industry experts, the life blood of the industries workforce. Technical sessions presented focused on the following subject areas:

Revitalising Health and Safety

The first session was titled Revitalising Health & Safety and focused on the issue from a national view by Bill Callaghan, Chairman Health & Safety Commission. A company view by Robbie Robertson, CEO, Tarmac Group, and from an Employees' view. The session focused on the workforce participation resulting in creating a safe workforce through competence by Ken Riley, Chairman of EPIC Training Ltd.

Robbie Robertson's presentation was based on a key message being "*visible felt leadership*". He deems it important to visit as many of his business areas weekly as possible so that they not only get to see him as the CEO but that it meant he's seen first hand the work sites. Regardless of day or time his staff knew he could just pop in.

An interesting tool used by Robbie was in car navigation. This unit had loaded into it all his sites around the country.

Improving Occupational Health

The second session focused on

- Health Monitoring for vibration and stress by Dr Jonathan Cleeland,
- Private Health Care & Respirable Crystalline Silica, which is today one of the greatest killers of quarry men and woman by Dr Michelle Wyart-Remy, Secretary General IMA-Europe.



Investment in a Safer Workforce

Session three recapped the previous papers and looked at

- Incentives and Rewards for Safe Work by Ivan Carr, CEO Collinson Grant Consultants and
- New Developments by EPIC Training in the quarry & mining industry by Roseanne Hayward, Director EPIC.

A key message out of these papers was the real need to retain and develop staff competency at all levels and at all times. One of the new educational models on offer is home/office based continued professional development from Leeds and Doncaster Universities, and both offer a Quarry Management diploma.

EPIC has also produced a number of CD's to assist people plan for careers around the quarrying industry or in the road industry. This information is available on the following web sites www.careersinquarrying.co.uk or www.careersinroadcontracting.co.uk.

Regulation and Innovation

This session highlighted to all that regulations within our industry will continue to be high on the governments list of high risk industries. Papers presented tilted,

- Expectations and Enforcement by James Barrett, QNJAC Chairman, HSE,
- UK Standard Safety Specification for Mobile Plant,
- Health & Safety – A matter of Culture and Self Respect
- Health and Safety Innovations

Within the UK currently there is much concern over new regulations in the area of corporate manslaughter, and an



increase in the average fine following prosecution for poor health & safety practices increasing by almost 40% to £12,000.

The quarry, construction, mining industry currently is faced with the biggest increase in fines with more than 11,000 improvement notices issued with 1,064 resulting in prosecutions.

The Health & Safety Executive (HSE), which is

responsible for bringing prosecutions against firms, business and councils noted that the "marked increase" in fines was due to courts taking a dim view of employer's that were lax with workers safety.

While in the UK our hosts looked after Maylene and I very well and I look forward to welcoming many Institute members to NZ next year at our conference following the LIONS tour.

As with all conferences there is a social front, and on the evening prior to the presidents meeting my wife Maylene and I were invited to a Presidential dinner attended also by many of the UK quarry industry leaders. A most enjoyable evening full of true English hospitality.

So with the International matters out of the way, on the home front, the board has not met since our last newsletter however work has continued behind the scenes on a number of fronts with Council members representing us at meetings of the AQA, EXITO & National H&S Council boards. Murray has also continued work on the Web-site with Christine developing our database.

Having now returned from the UK, I look forward to working with EXITO, our extractive industry training provider as it reviews its board structure, given the significance the proposed changes will have for the IOQ, as representation on the board is not guaranteed as of right, and the introduction of Sector Advisory Groups (SAG). The Institute on behalf of its members however is going to continue to work with EXITO over the coming months to try and reach common ground.

In closing I would like to acknowledge and thank all of the IOQ Council and Branch committee members for their dedication and effort. Without the considerable voluntary input of these active members of the Institute we would not be the important body we are today.

Special thanks are also due to Christine Dodds for her efforts and assistance since taking on the role of Secretary.

On behalf of the IOQ I would like to thank you all for your support of the IOQ during the year and especially to all of our sponsors whose support during the year is greatly appreciated.

I wish you all and your families a Safe and Merry Christmas and a happy and prosperous New Year.

Kind regards,

**Brian Bouzaid, President
Institute of Quarrying NZ Inc**

REPORTS FROM RECENT BRANCH MEETINGS

WAIKATO XMAS FUNCTION – the Bay of plenty do it again. Yes, if hosting a successful conference was not enough to claim credit for this year Warwick and his team hosted an excellent end of year Christmas function attended by around 65 people.

The evenings highlight was guest speaker Rob Hamil whose claim to fame is rowing the Atlantic. Rob gave us a great presentation on his voyage which was well enjoyed by all attending. Rob's presentation was also very clear on the following points:

- with passion anything is possible, and
- challenge what you are doing and it's effect on the world/community.

Rob also offered members present a discount on his recently released book "The Naked Rower" how two kiwi's took on the Atlantic -and won.

Also of interest while attending this function was hearing Les Ward confess to his passion for Prawns. Yes, Les loves a good prawn and not so long ago while at a restaurant he took great delight in taking the whole bowl from the serving area. Les admitted he did feel a little cheeky but they were nice.

In my role as President the function confirmed to me what strength this branch has, a real credit to Warwick Leach as Chairman.



WELLINGTON BRANCH MEETS AGAIN - Yes after a long period of absence from branch meetings I am pleased to report the Wellington Branch held another successful gathering at the end of October. The meeting was well attended at was held at Don & Sandra Webb's home north of Levin.



Prior to the meeting Don gave us a walk over of his quarry operation which does take you back to how Kiwi #8 wire and ideas can work. Yes, Don's quarry operation while small is a quarry worth seeing as its innovation won Don the Neiderer Machinery Award in 1989.



Following on from the site visit and a brief meeting the real agenda unfolded, meeting old friends and enjoying the company of fellow quarry men over a barbecue.

On behalf of the members present, my thanks to all involved in arranging the meeting and to the ladies for the wonderful food.

Reports by Brian Bouzaid

OTAGO BRANCH REPORT - A function was held at the Fairfield Tavern recently to mark Trevor Tamblyn's (& Erin) retirement after 39 years of service with Fulton Hogan, and most of these years were associated with the quarrying industry. The function attracted many quarrymen, not only from Fulton Hogan but also our competitors. The AQA forwarded a letter of appreciation to Trevor for his many years of service both to the industry and AQA. Grant Borrie (FH General Mgr, Southern Zone) officiated with other speakers including Lindsay Crossan (FH Chief Executive), Gavin Hartley (FH), Tony Hunter (BHQ General Mgr), Jim Fulton (ex FH Managing Director) and Barney Fuller (BHQ Sand Plant Mgr). Needless to say with so much to say, Trevor decided we should have a drinks break before his right of reply!



Both Trevor & Erin spoke of the early days of Fulton Hogan and how they both would miss the places and people. Over 100 people attended the function showing the great respect held for both Trevor and Erin. A great night was had by all, and rumour has it some didn't get home until the early hours of the morning.

Report by Gavin Hartley

Trevor Tamblyn's Quarrying Career:

When Trevor left school he had a fascination for machinery, especially trucks. Before he was allowed to be involved with machinery he had to gain an apprenticeship as a Fitter and Turner with J & A P Scott in Dunedin. In September 1965 Trevor was employed by Fulton Hogan and his first job was with the sealing crew working throughout Otago. Other tasks included working for Construction and then eventually with a Mobile crushing crew. His early initiation to loader work on a crushing site was nearly his last when an incident with a Huff loader over turning pinning him under the water of a near by creek. Snow Egers come to the rescue.

He moved to Gore to become the manager at the Gore Gravel Company Plant in 1972 a position he held until 1982. At this time he moved back to Dunedin to take up the position of Manager at the Walton Park Sand Company in Fairfield, holding this position until 1988. From being the manager at Walton Park he moved over the road to become the Manager of the Aggregates Division for Fulton Hogan (Coastal) Dunedin.

This position presented Trevor with the overall management of the Sand operation at Fairfield, a hard rock quarry in Balclutha, drilling and blasting crew and three mobile crushing plants which covered most of Otago and Southland. Recently with the combining of Fulton Hogan Dunedin aggregate business and Palmers quarrying operations Trevor became an integral part of a much larger aggregate producer Blackhead Quarries Ltd.

Trevor became a member of the Institute of Quarrying in October 1980 and to this day is still a very active member as many of you well know. Trevor has worked tirelessly to ensure quarrying in New Zealand is not perceived as the destructive industry many people wrongly believe. In Trevor's eyes rock, gravel and sand can be quarried safely and efficiently by an experienced trained workforce. To prove his commitment to the cause he worked on the IOQ executive committee for six years from 1986. Along with his time on the executive he was Otago Southland Chairman from October 1984 to May 1991. During his time as a member of the IOQ he lead the branch and was an active member on the committee that organised and ran three successful Annual Conferences.

Recently Trevor has played a vocal role, being an advocate of removing the explosives part out of the old A & B Grade tickets, a task I believe has now happened under the new unit standard and Certificates of Competence.

There are a number of reports [listed below] that can be accessed by members and should you wish to have a copy emailed or posted to you please contact the IoQ Secretary.

- Bentonite Industry Report
- China Clays Industry Report
- Coal Industry Report
- Gold Industry Report
- Iron Sands Report
- Quarry Report
- Zeolite Industry Report



More photos from IoQ President's Meeting, Chester, UK.



If you would like to access the UK Quarry magazine and information use the following link: www.qmj.co.nz. Other websites that may be of interest to you - www.goodquarry.com www.implosionworld.com www.careersinquarrying.co.uk and www.penrithlakes.com.au

Website: www.ioqnz.co.nz

Mail contact address: Secretary, 1 Great Gables Lane, Huntsbury, Christchurch

Email: chrisr@inet.net.nz

REPORT ON THE AUSTRALIAN INSTITUTE OF QUARRYING CONFERENCE, OCTOBER 2004.

BY GEORGE KELCHER

The Conference was held at the Twin Waters Resort, Maroochydore on the Sunshine Coast and was well attended with around 600 delegates and partners attending the Conference.

Andrew Dronjak and myself attended the Australian IOQ meeting held on the Wednesday which was made up of delegates from branches all around Australia. There were 24 attendees at this meeting.

Items discussed and issues facing the Australian IOQ had much in common with the New Zealand IOQ and our Industry in general. There was considerable interest in the way that New Zealand was approaching issues, especially in the area of Industry Training. A report from New Zealand was presented at this meeting on behalf of Brian Bouzaid who was unavailable to attend due to still being in Great Britain.

The technical papers presented at the Conference were of a high standard and were well attended by the delegates.

Evenings covered a wide variety of themes with a "Beach Party" being held on the sand beside the resort lake, a "Bush Party" set up in a bush clearing not far from the resort and a final formal gala night held inside a marquee that seated 600 people.

A highlight of the final night was the presentation to Andrew Dronjak of the Australian Diploma in Extractive Industries Management. Andrew is the first person residing outside of Australia to gain this qualification – well done Andrew.

Myself and fellow New Zealanders were made to feel very welcome and there were comments from more than one Australian Executive member regarding incorporating ideas into their Conference that had been picked up from NZ

Conferences including a trip to a working Quarry Site and the intention to achieve a wider representation of Industry personal as attendees of the Conference.

The suppliers and trade representatives meeting which was held at the end of the Conference also expressed the view that they would like to see a wider range of people attending the Conference, especially the people who work at the quarry face and actually use their products on a day top day basis.

The Quarry visit to Bli Bli Quarry took place on Saturday morning with 4 busloads taking part. There was also a plane trip to the Burnett Dam project with Andrew taking the opportunity to visit this project.



Our monogrammed NZ IOQ shirts attracted considerable attention and included comments that maybe there is a commercial opportunity for NZ IOQ to produce a container load of shirts with the Australian monogram and for these to be marketed to the Australian members.

Further comment from a number of Australian delegates was for the NZ IOQ to forward early notification and registration forms for the NZ Conference next year to the Australian Branch and even

send personal notification and details to the members that have attended NZ Conferences in the past.

Overall it was a very professionally run and successful Conference well worth attending and the efforts of the AIOQ members that ensured that we made to feel very welcome was appreciated. I would recommend that the next Australian Conference to be held in Adelaide will be well worth attending.

Further information on the Australian Institute of Quarrying and the Conference is available on www.quarry.com.au.

By George Kelcher

National Diary of Events

This year, the committee has worked out a series of presentations by Keith Neiderer. This is to be followed by a series of Occupational Health & Safety lecturers by George Munro. To help you organise your schedule, diary the dates and times of the lectures will be published on the website and through your branch.

- Next Christchurch Branch Meeting 23 February 2005 – venue to be advised.
- The EXPO - truck and heavy equipment - Mystery Creek 3-5 March 2005
- International Presidents meeting - 2 March 2005 South Africa, Boksburg, Johannesburg
- South Africa Annual Conference 3-5 March 2005 - will be held at Birchwood Conference Centre, Boksburg, Johannesburg
- Waitangi is the venue for the next Conference July 2005 'Rock Generation'.



Website: www.ioqnz.co.nz

Mail contact address: Secretary, 1 Great Gables Lane, Huntsbury, Christchurch

Email: chrisr@inet.net.nz

Annual Subscriptions:

We are extremely pleased with the response from members regarding payment of subs for 2004/2005. Thank you. However, for those yet to pay, if you could please arrange payment it would be greatly appreciated. If you have lost your invoice contact Mike Stachurski on [06] 759 0290 or email mike.stachurski.ltd@xtra.co.nz.

Updating of members contact details:

Reminder – can you please log onto the website and forward an update of your contact information www.ioqnz.co.nz and click onto membership, then click update. Once completed click submit.

Awards:

A reminder – start early for nominations for awards next year. Information is on the IoQ NZ webpage and forms can be downloaded.

New Members:

Alan Perry, Katikati
Arthur Turner, Temuka
August Matene, Auckland
Barakat Modher, Auckland
Brendon Theobald, Rotorua
Brent Peterson, Auckland
Bruce Adams, Auckland
Campbell Merrylees, Rotorua
Craig Coulam, Auckland
Craig Upston, Balclutha
Fraser Gallagher, Christchurch
Garry Roper, Pukekohe
Graeme Scott, Hibiscus Coast
Greg Dyer, Tauranga
HarryToa, Taupo
Ian Snalam, Wellington
Jason Hinton, Northland
John Dobson, Palmerston North
Ms Natalie Chevis, Auckland
Nigel Slonker, Gisborne
Peter Hopkins, Matamata
Reginald Mason, Manawatu
Robert Kinney, Christchurch
Roderick Maxwell, Cromwell
Tony Andrews, Alexandra



HEALTH AND SAFETY TIPS FOR THE HOLIDAY PERIOD

- Never start a long trip if you're already tired.
- Avoid driving for long distances after a long days work.
- Don't drive if you have been drinking.
- Try to avoid making long trips between midnight & 6am when natural alertness is low.

Remember, if you fall asleep at the wheel you risk killing yourself, your passengers and other innocent victims.

KEY LINKS

IOQ – www.ioqnz.co.nz

Fulton Hogan – www.fh.co.nz

AQA – www.aqa.org.nz

EXITO – www.exito.org.nz

Road Metals – www.roadmetals.co.nz

NZMIA – www.minerals.co.nz

Australian Institute of Quarrying –
www.quarry.com.au



2005 JOINT QUARRYING CONFERENCE

CALL FOR PAPERS

CONFERENCE THEME - ROCK GENERATION

The Conference Committee invite expressions of interest from persons interested in presenting a paper at the 2005 Conference at Waitangi July 13-15.

An abstract of 50-100 words of the proposed papers should be submitted to Craig Robertson by the end of February by email crobertson@komatsu.co.nz.

Papers of wide interest to the Industry (not commercial papers) as well as papers of a technical nature will be considered.

Merry
Christmas

The Institute of Quarrying Board extend Seasons Greetings and Best Wishes for Christmas and the New Year to you all.