



# The Institute of Quarrying New Zealand Inc

## IoQ QUARTERLY NEWSLETTER

Issue No. 7

June 2006

### Committee 2006:

*President:*

Mr Steve Ellis

*Immediate Past President:*

Mr Brian Bouzaid

*Vice President:*

Mr George Kelcher

Mr Murray Discombe

Mr Ken Duncalfe

Mr Warwick Leach

Mr Andrew Dronjak

Mr Ken Macleod

*National Secretary:*

Mrs Christine Dodds

*Treasurer:*

Hastie & Co.  
Worcester Street,  
Christchurch

### President's Notes:



Issue Seven of our Newsletter comes out just prior to our joint Conference - AQA & IOQ to be held in Christchurch in July.

I hope everyone is coping well with the onset of winter and getting ready for conference.

Membership is currently standing at some 400 members and thanks must go to Andy Loader and George Cunningham for actively canvassing and talking to potential new members. The data base to keep track of our membership and fees has always been a problem to keep up to date, to counter this problem the Executive decided to place this function with the Secretary to administer and I believe this will right itself within this coming year.

Presentations at Branch meetings have been given by Murray Francis - 50 years of mobile crushing by Road Metals Ltd; Andrew Dronjak - Iceland Quarrying – Land, of light & darkness and Chris Edmonds - Environmental Award – Three Kings Quarry.

These presentations were well received and supported at all Branches. On behalf of the Executive I would like to congratulate and thank the presenters for giving their valuable time and presenting their topics along with Murray Discombe's organizing and liaising with the Branches.

The IOQ has continued to promote the website as one of the key ways to reach its members and our sponsors. The most popular page is the News, followed closely by the Reports, Conference Programme and Employment pages.

**Exito:** We must continue to support our training organisation. Currently we have 2,295 trainees within our surface and underground industry. It was agreed between the two organisations, IOQ & AQA, that Brian Bouzaid would be the representative of our industry on the Exito Board. Bruce Taylor [Fulton Hogan] and Steve Dohnt [Winstone Aggregates], were elected from the floor at Exito's AGM held in Christchurch on the 6<sup>th</sup> April 2006.

Due to my workload I have resigned from the Sector Advisory Group (SAG) within Exito and the Executive Council voted to replace me with Andy Loader. With Brian and Andy representing our industry at Board and SAG levels we are very well placed to table our views and ideas from our industry.

**Minex:** Health & Safety is a topic that is on our agenda every day of our lives. All our members and member's companies need to play an active role in developing our Codes of Practice so that every member of our workforce can go to work and come home safely. It is our industry and we need to be responsible for it's Health & Safety. Brian Bouzaid is the elected representative from IOQ and is the elected chairman of this industry group.

### Business for 2006 / 2007:

- Conference 2007 – Both Brian & Kelvin are well under way with organizing this event at Wellington
- Conference committee between IOQ & AQA to appoint a new organiser on Kelvin Strong's retirement
- To liaise with Metso on the McDonald Lecture Tour, to be held in November 2006
- To appoint accountants with a formal contract.
- Ensure financial budgets are set and adjusted
- Topics and presenters for Lecture tours of Branches.
- Newsletters to members
- Continue membership drive and update of database.
- Attendance at the IOQ International Presidents' meeting in Hong Kong November 2006
- Liaise with Metso on the Macdonald Lecture Tour to be held in November 2006.

SG Ellis  
President  
Institute of Quarrying NZ Incorporated

## ANNUAL REPORTS FROM BRANCH MEETINGS

### CANTERBURY BRANCH

The Canterbury Branch has had five meetings since the conference last year with a good response from members, most meetings having between 20 - 30 attendees.

Andrew Dronjak's presentation was well received at the Equestrian Hotel in association with our sponsor Real Steel.

Ken MacLeod and Lou Ditmer went to Nelson with Andrew, where he delivered his speech to the Nelson group and Ken gave a run down on IOQ activities.

We have had two meetings at sponsor's sites. Transdiesel and Skellerup both welcomed the group to their respective premises and after our meeting they gave us a quick tour of their operations. Their refreshments were gratefully received.

Other sponsors during the year were AEG, Russett, Hirequip, Shell, Komatsu and Isaac Salmon.

In November Ken MacLeod stepped down from the Presidency to concentrate on conference matters. David Laing was elected as his replacement. With great regret we accepted Lou Ditmer's resignation in early June. Gavin Parker has been chosen as his replacement.

We are now looking forward to a great conference in Christchurch and hope to see you all there.

*Report by Canterbury Branch Chairman: David Laing*

### AUCKLAND BRANCH

The Auckland Branch held their first meeting for the year at Cable Price, Otahuhu, on 14<sup>th</sup> September 2005. Malcolm Pascoe and his team presented an informative presentation on manufacturing, shipping, unloading, transporting and reassembling the Hitachi 3600 Excavator within a tight timetable, which presented some real challenges. This is now operating at McRae's Gold Mine.

The next Branch meeting was a field trip to McDonalds Lime in Otorohanga and Te Kuiti on Saturday 29<sup>th</sup> of October 2005; the first field trip for the year and the Auckland Branch joined forces with our Waikato / Bay of Plenty comrades which proved to be a great combination being not only a fun day out but Chris and his team made it extremely educational and action packed.

The third Branch meeting on 25<sup>th</sup> November was our Annual Christmas Function hosted by Komatsu with Orica Mining Services providing the bar tab and Applied Conveyors the table wines. All had a great and merry time. A highlight of the evening was the presentation of the Paykel Engineering Shield to Murray Swain for "Outstanding Contribution to the Auckland Group During the Years". The raffle was a great success raising \$1,000 for the Blind Institute [chosen by the last raffle winner Mrs Wedding].

The fourth meeting was held on Tuesday 7<sup>th</sup> February 2006 at Mounts Wire, East Tamaki; with a working tour of the site and factory, which was not something you see everyday. Tyreseal also gave a presentation about the latest in tyre repair technology, which was well received. Mounts sponsored the supper with Red Bull Powder C. & Tyreseal supplying the refreshments for the evening.

Our fifth Branch meeting was on Tuesday 14<sup>th</sup> March, 2006 at



the Quality Inn, Manukau. This was an IOQ nationally endorsed lecture tour presented by Murray Francis, Managing Director of Road Metals, on "50 Years of mobile crushing". It was a great insight into crushing in harsh climates (snow, ice and torrential rains). Murray gave his presentation to Northland, Auckland, Waikato/Bay of Plenty and Taranaki Branches on four successive nights in March. The Auckland branch had 38 attendees and was thankful to Motor Truck Distributors (Mack trucks) for their generous sponsorship of \$1000 towards the evening.

Our sixth Branch meeting was on Wednesday 19<sup>th</sup> April at Fulton Hogan, Reliable Way. This was our Annual Health & Safety update with John Walrond, Senior Mines and Quarries Inspector and was a great chance to catch up on one of the most important aspect of our industry – safety. Chris Edmonds rounded off the meeting with a presentation on Otaika Quarry, which won the Winstone Aggregates Safety Award at the Waitangi Conference 2005. Both talks encouraged a vigorous session of interesting questions and comments from the members, including an in-depth discussion on the benefits of hot-work permits for each site. As a result everybody had an extremely informative meeting. Fulton Hogan supplied supper with Orica Mining Services supplying the refreshments.

Our seventh Branch meeting was on Saturday 13<sup>th</sup> May; the second field trip for the year and again we joined forces with the Waikato/Bay Of Plenty Branches to visit Winstones Whitehall & J Swap's Taotaoroa Quarries and Firth's Hinuera Stone. It was a full day but one to remember, not to mention the fun, BBQ and skeet shooting that was to be had at the Red Barn afterwards.

Our eighth Branch meeting was on Wednesday 21<sup>st</sup> of June at Goughs CAT, Wiri and our 2006 Annual General Meeting for the Auckland Branch. At the conclusion of the AGM Gough CAT presented the latest D-Series Excavators, and showed a video on the latest 988H Loader.

In conclusion, the year to date has been a very busy one for the Branch with eight meetings being held. Attendance at some meetings was less than expected but the committee has continued with its focus on having diverse meetings on different days to try and have something for everyone.

It is also important to note that while a nominal fee of \$20 towards the cost of the bus hire was charged to the Auckland members who boarded the bus for the two field trips, the Auckland branch did not seek sponsors for the bus hire, but paid the difference from the Auckland Branch funds, thus giving something back to the members.

While we plan to continue with the field trips of two a year the existing committee plan to seek sponsorship for at least one of the trips so that funds are not depleted while ensuring something is given back to its members.

*Report by Chairman/Secretary Auckland Branch: Andrew Dronjak*

### NORTHLAND BRANCH

On Wednesday 26<sup>th</sup> October 20 people gathered at Winstone Aggregates Otaika Quarry (Whangarei) to listen to a presentation by Bob Handley on what the team at Otaika has done to bring the quarry up to the standard required to win the Health & Safety Award.

On Wednesday 8<sup>th</sup> March we met at Otaika Quarry to listen Mick Cayless from Auckland (Dept of Labour). Mick's

explosives career began with the military, after leaving the military he worked for several explosives companies on projects around the world including contracts in Bosnia, Kosovo, Iraq and Sakhalin Island in the Russian Far East. Mick's experience is divided into three main areas, Post war UXO disposal, Anti terrorist counter measures and Construction blasting (Structural).

On Monday 13<sup>th</sup> March we met at Otaika to listen to Murray Francis presentation on 50 Years of Mobile crushing. Based in Oamaru and Christchurch he had a whole raft of experiences to share with the members who enjoyed learning first hand about the predominantly river-based gravel extraction and crushing activities in the South Island.

Thanks must go to Winstone Aggregates for letting us use the rooms for the meetings and Janet who has always been there to arrange the refreshment and food.

*Report by Chairman Northland Branch: Dennis Cochrane*

## **WAIKATO / BAY OF PLENTY BRANCH**

Welcome to existing and new members. Another successful year is behind us, which encompassed two field trips and four branch meetings. Membership for the Waikato/Bay of Plenty branch stands at approximately 84.

Branch meetings have gone well during 2005 / 2006 which has included a variety of sponsors and guest speakers on a variety of topics from conveyor belts, sponsored by HCD, Rubber & Foam, fixed plant optimisation software, sponsored by Rocktec, a look at Road Metals Otago (Murray Frances) sponsored by Mimico, and a look at a 3D modelling package which gave an in-depth look at Mineable resources, extraction and rehabilitation, sponsored by Top Rock Drilling.

Field trips have included trips to McDonalds Lime Oparure Quarry and the Lime Processing Plant at Otorohanga which Auckland branch members of the IOQ also visited, which ended with an aerial display by SupaAir. This day was sponsored by Titan Plant Services. And not to forget a field trip to Winstones, Whitehall, J. Swap Taotaoroa and Winstones Hinuera Dimensional Stone which Auckland branch members also tagged along to. The day finished with a clay-bird shooting event and barbecue at the Red Barn, proudly sponsored by Rocktec, Metso Minerals and Mimico with Graeme Waugh taking out the day with a score of 7/10.

The Christmas function was once again held at the Park Heritage Hotel, Rotorua, and proved to be another great night. The guest speaker for the evening was the winner of the 2005 Winstone Safety Award, Chris Edmond (Winstones Three Kings, Auckland).

This was the first time in which the Exito framework was used to establish a list of possible candidates in the industry for eligibility for the Stu Marsden Memorial Award. These candidates were nominated for their achievements in the previous 12 months. With a list of six candidates, the Committee had passed the judging and selection of a worthy recipient of the Stu Marsden Memorial Award to George Cunningham.

Unfortunately George was unable to be present for this presentation which was in George's words, worthy to all recipients he had to judge. Shannon Willison, New Zealand Steel, Taharoa, won the award.

To Grant and Tracey Amunsden, thank you for your help over the past 12 months. Also, to the Committee, thank you for your efforts and the continued support that you give to the Branch.

To the sponsors, a big thank you as without you, our field trips and branch meetings would not be of the high standard that they are.

Dave Asplet Machinery for sponsoring the AGM, a big thank you goes out to you too.

Thanks also to Metso Group, Ian Rodgers and his team for allowing the Waikato/Bay of Plenty branch to hold branch meetings at your premises and to Sam for sending out our newsletters to keep members informed.

Finally many thanks to our Secretary, Les Ward for his involvement and energy that he exerts into the Branch to keep it active.

*Report by Chairman Waikato/BOP Branch: Darcy Maddern*

**THANK YOU TO ALL SPONSORS**  
of the Institute of Quarrying Branch Meetings!

### **NEW MEMBERS:**

<b>Alister Ramsay</b>	Christchurch	Associate
<b>Andrew Harvey</b>	Christchurch	Associate
<b>Brendon Rainham</b>	Palmerston North	Associate
<b>Desmond Barbarich</b>	Gisborne	Associate
<b>Graham Waugh</b>	Tauranga	Associate
<b>Jason Tapper</b>	Mt Maunganui	Associate
<b>Michael Finch</b>	Upper Hutt	Member
<b>Wayne R. Aroa</b>	Otorohanga	Associate
<b>Bruce Adams</b>	Katikati	Associate
<b>Vince Malcolm</b>	Oamaru	Member
<b>Steve Northcott</b>	North Canterbury	Member
<b>Shane Chapman</b>	Christchurch	Member
<b>Linton J Clarke</b>	Oamaru	Member
<b>Anthony Everett</b>	Christchurch	Member
<b>Rick Johnson</b>	Morrinsville	Associate
<b>Shannon Willison</b>	Te Kuiti	Associate
<b>Steven Cheffing</b>	Hamilton	Associate

### **Upcoming Branch Meetings:**



- Combined Waikato/BOP vs Auckland Golf Day at Tahuna Golf Club - Friday 7 July 2006 start 10:00am: sponsored by Prime Explosives.
- Waikato / Bay of Plenty Field Trip to Waihi Gold & H G Leach Landfill operation on 9th September sponsored by Blackwoods Paykel Engineering.
- Waikato / Bay of Plenty Metso Minerals 11 October Meeting with guest speaker Steve Dorrington.

Details of upcoming branch meetings are on the website [www.ioqnz.co.nz](http://www.ioqnz.co.nz), or check with your Branch Chairman/Secretary. Current contact details [phone numbers & email addresses] are on the website.

## ANNUAL GENERAL MEETINGS – Christchurch Convention Centre

ALL members are asked to note the following times for the respective Annual General Meetings, which will be preceded by lunch in the Convention Centre Foyer for everyone present. When making your travel bookings bear these times in mind.

### WEDNESDAY 12TH JULY

2.00 pm AQA Annual General Meeting  
3.00 pm Afternoon Tea  
3.30 pm IoQ Annual General Meeting

### IoQ AGM and election of Officers



Under the Rules of the Institute of Quarrying NZ Inc July 1999, item 26 Appointment of Council; The NZ Council shall comprise of the President, Vice President and immediate Past President who shall hold office for a two year term and in each and every year, one representative residing in or north of Taihape, one representative residing south of Taihape, two representatives residing in the South Island, and two members who are personally present at the meeting and who shall be appointed from the floor at the AGM.

Any member who is considering election to the board needs to be well prepared and have movers, proposers and seconders organised for the AGM.

Positions on the IoQ NZ Inc Board currently up for re-election at this year's AGM are:

- One representative residing in or north of Taihape
- One representative residing in the South Island
- Two members personally present at the AGM from the floor.

#### ***Paying subscriptions through Internet Banking ...***

***Please Note: You will need to add '01' in front of the number given on the account. Thanks.***

### Six employees of Aggregate Industries charged in indictment:

A multi-count indictment has been returned by a federal grand jury, charging six individuals employed by Aggregate Industries N.E. Inc., the largest asphalt and concrete supply company in the New England Region, with conspiring to defraud the United States by generating and submitting false records to the Central Artery Tunnel Project (Big Dig) and mailing fraudulent invoices to general contractors on the government funded highway project.

During the time period alleged in the indictment, the individuals were all employed in managerial positions in Aggregate Industries' concrete division. They are charged with highway project fraud and related offences for their participation in a scheme to provide concrete to Big Dig projects that did not meet contract specifications and to conceal the true nature of the concrete through false documentation.

The indictment alleges that between 1996 and 2005 the defendants delivered at least 5,000 truckloads of non-specification concrete to the Big Dig. Each truckload comprised about 10 cu. yd. of concrete. This concrete included recycled concrete that was more than 90-minutes old, concrete that had been adulterated with the addition of excess water, and concrete that was not batched pursuant to Big Dig project specifications.

*Source Pit & Quarry*

### *A little something from the past ...*



#### KEY LINKS

IOQ:..... [www.ioqnz.co.nz](http://www.ioqnz.co.nz)  
Fulton Hogan:..... [www.fh.co.nz](http://www.fh.co.nz)  
AQA:..... [www.aqa.org.nz](http://www.aqa.org.nz)  
Road Metals:..... [www.roadmetals.co.nz](http://www.roadmetals.co.nz)  
EXITO:..... [www.exito.org.nz](http://www.exito.org.nz)  
Australian Institute of Quarrying:..... [www.quarry.com.au](http://www.quarry.com.au)  
NZMIA:..... [www.minerals.co.nz](http://www.minerals.co.nz)  
UK Institute of Quarrying:..... [www.quarrying.org](http://www.quarrying.org)

# Health & Safety



Picture supplied by Brian Bouzaid – should stimulate some group discussion!

## Geelong quarry fined \$14,000 for crusher incident -

A Geelong quarry has been fined \$14,000 after a worker suffered severe injuries when he was dragged into a rock crusher. Geelong Magistrates' Court heard the 25-year-old trainee loader operator was cleaning the crushing machine when the spade he was holding became caught in a conveyor belt.

David Brehm, who had been with the company for two months, was dragged by the arm into the crusher which stopped when an automatic safety system was activated. Quarry manager and company director Andrew Carter pleaded guilty on behalf of LocalMix Quarries to failing to provide plant systems that were safe and without risk and failing to ensure there was appropriate and correct guarding.

Magistrate Max Beck convicted the company and also ordered it pay costs of \$1200.

*Article supplied by Brian Bouzaid*

## METAL/NONMETAL MINE FATALITY -

On May 3, 2006, a 19-year-old labourer, with 4 weeks mining experience, was fatally injured at a sand and gravel operation. The victim was underneath a feeder conveyor belt and was adjusting it when he became entangled between the belt and the return idler.



## Best Practices

- Ensure that miners are properly task trained in procedures to safely adjust conveyor belts that are in operation. A competent person should closely observe the miner while he performs the task to ensure they are protected from hazardous motion of the conveyor.
- Before assigning miners to adjust belts, have them identify hazards and demonstrate how they would safely complete the task. Stop, Look, Analyze, Manage (SLAM).
- Keep all guards securely in place except when testing or making adjustments.
- Install local stop switches at all conveyor locations and ensure start up warning alarms are operational where visual observation of the entire conveyor is not possible from the start up control.

This is the 9<sup>th</sup> fatality reported in calendar year 2006 in the metal and nonmetal mining industries. As of this date in 2005, there were 10 fatalities reported in these industries. This is the 4<sup>th</sup> Powered Haulage fatality in 2006. There were four Powered Haulage fatalities in the same period in 2005.

The information provided in this notice is based on preliminary data ONLY and does not represent final determinations regarding the nature of the incident or conclusions regarding the cause of the fatality.  
<http://www.msha.gov/FATALS/2006/FAB06m09.asp>

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**Announcing The Institute of Quarrying NZ Inc and the Aggregate & Quarrying Association NZ Inc Annual Conference - Advanced Call for Papers**

This is a preliminary announcement *Call for Papers* for this important national conference to be held in Wellington from the 11 - 13 July 2007. Favourable consideration will be given to papers which are innovative and set out new developments in the Quarry and Extractive Industry in the areas of our conference theme "Sustainability of Our Resources" - Our Future.

This conference will be the highlight of the New Zealand Quarrying and Extractive Industry and attracts over 300 delegates from all levels of the New Zealand Quarrying, Extractive and Associated Industries, as well as suppliers of products and services and is not to be missed.

If you are interested in presenting a paper please contact the Conference Secretariat. Overseas participants and presenters especially welcome.

Further information is available on [www.ioqnz.co.nz](http://www.ioqnz.co.nz) or by contacting the Conference Secretariat.

IOQ/AQA 2007 Conference Organising Committee

C/- Kelvin Strong

Conference Secretariat

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Wellington July 11-13 2007

Enquires:  
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