



The Institute of Quarrying New Zealand Inc

IOQ QUARTERLY NEWSLETTER

Issue No. 30

March 2012

Executive Committee 2011/12:

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Mr Gavin Hartley

Vice President:

Mr Gordon Laing

Immediate Past President:

Mr Warwick Leach

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Mr Murray Discombe

Mr Andrew Mahan

Mr Peter Morgan

Mr Les Ward

Mr Chris Sinclair

National Secretary/Treasurer:

Mrs Christine Dodds

Invited Board Member:

Mr Kevin Walker

CEO, EXITO

President's Note



Welcome to the first of four newsletters for the year! Unfortunately for many the year hasn't started with full workloads, with demand for aggregate being patchy at best. One of the shining lights being the demand for concrete aggregate in Christchurch with the start of the rebuild this should mean full workloads for those in Christchurch.

It is with great sadness that we record the passing of Mr John McCallum (Snr) on 14 Feb 2012, aged 82. The McCallum name is synonymous with sand-dredging and sand supply. John's grandfather was a tug master, and his father the founder of the barging business. In addition to the sand business the McCallum name is associated with the red decorative chip (McCallums chip) which is featured on the shoulders of many of Auckland motorways, and sourced from McCallums Island. John was an Honorary Fellow of the Institute of Quarrying, and has been a loyal supporter, particularly of the Auckland Branch, and until recently, rarely missed a meeting. He always maintained a cheerful disposition despite suffering with severe back pain for the past few years. John will always be remembered affectionately as an icon of both quarrying and sand industries. Our sincere condolences to John & Callum McCallum and families.

Planning of our 44th Annual conference in Wellington continues. This year's theme is "CHALLENGES – Past Present & Future". Robert Paddison is Conference Chairman and Adrian Mattinson and the local committee are working hard to organise yet another great annual conference to be held at the Amora Hotel 10-12 July 2012.

The exhibition area will be on the sixth floor of the Amora Hotel which was the conference hotel in 2007 when it was part of the Duxton group. Because of space restrictions we have a smaller 46 site exhibition in the delightful surroundings of the Amora Ballroom and at the time of going to press only one site was still available. As before, all catering will be served in the exhibition area and thanks to the continuing sponsorship of Total Lubricants there will be a complimentary espresso bar. There is a strong speaker programme under final development featuring Joy Pinniger as the keynote speaker. Joy is the President and CEO of the US National Stone, Sand & Gravel

Association and she also presented the Jim Macdonald Memorial Lecture in 2007 and certainly has a passion for aggregates. Along with the technical sessions there are some outstanding social events planned; we are sure it will be a great conference. This year conference registration and accommodation booking will be through the new QuarryNZ.com website. The system is currently going through its final trials and tweaking and we expect to have it fully operational on April 1. For those of you that still work in the world of paper please contact Adrian or Christine for a hard copy of registration form.

If you would like to know more about the IOQ activities or have any concerns about the quarrying industry please contact me or one of the executive. Please remember to support those who support the Institute of Quarrying the list of "Friends of the IOQ" is listed in this newsletter.

Gavin Hartley
IOQ NZ President

It's not common to get the opportunity to build a new crushing plant, or in this case, a relocation within the quarry site. In 2010 planning started to upgrade the crushing plant at Blackhead Quarry. Design was done predominately in-house with help through quarry visits to other operations throughout the country. That's what is great about our industry, so long as you don't plan to set up shop across the road, most quarryman are happy to show you their operations and share some secrets. The upgrade was required as the existing twenty five year old plant was suffering badly from rust as it is located a stone's throw from the Pacific Ocean. Other than some minor upgrading of crushers this was the first major work since 1987. Physical site works started March 2011 and work was completed November 2011. Another reason for the upgrade was the primary Jaw crusher was located near the top of the hill close to where the rock used to be, over time the cart distance had increased, with the single rock truck it was becoming marginal to keep up with production.

The option of mobile crushing was investigated although discounted after preliminary budget work was carried out. The set up of the new plant is basically the same as the old plant and makes use of most of the crushers and screens from the old set up. As rust was one of the primary concerns the amount of steel was kept to a minimum. This was done by using precast concrete for bins and reducing the length of conveyors by over half, going from 23 conveyors to 11. The steel that was used was painted with an Altex System - Carboguard 504 as primer and two Carbomastic 615 coats. The foot print of the plant was reduced although it still required the moving of 130 000 BCM of material. Blackhead Quarries carried out this work with our own stripping crew. Concrete placing and pre-cast erection was done by Lund South with precast supplied by Stahlton in Balclutha. Drawings and certification were by Hadley & Robinson along with Bob Tyley. Engineering was done by our two parent companies Fulton Hogan Engineering and Palmers Mechanical. Electrical work and plant automation carried out by Pace Electrical using a Rockwell Package.

So if you are ever passing through Dunedin come and have a look.



Photo 1: The plant was officially opened by Bill Bayliss Chairman of the Blackhead Board and Tony Hunter General Manager on the 17 February 2012. Sixty customers, suppliers, neighbours and community board members attended the opening on a bright and sunny Dunedin day.

Photo 2: New plant with the Pacific Ocean in the back ground.



15 March 2012



Aggregates graph still tumbling

A strong economy and excellent quality of life are literally built on a foundation of aggregates. Aggregates touch our lives every day, from the driveway to the workplace. We drive, stand and walk on aggregates – and our demand is a real reflection of the health of our national growth.

Our demand for aggregates continued to decline in 2010, even though our population increased, a sure sign that New Zealand's slowed growth during the economic recession isn't over yet.

Aggregate and Quarry Chairman, Mike Lord said "these have been tough years for the country and for the aggregates industry. We don't have final statistics but the indicators are that the downward trend continued during 2011. "But we are optimistic that this year will see the beginning of the recovery."

Our 2010 Fact Sheet below shows how the demand for our most vital of building materials has ebbed and flowed with the economy over the past 10 years, its contribution to the economy and the job market.

For more information see the attached Fact Sheet or contact:

Roger Parton, Executive Director
Aggregate & Quarry Association of NZ
Tel: 0-4-568 9123
Email: Roger@aqa.org.nz
Web: www.aqa.org.nz

Aggregates Facts

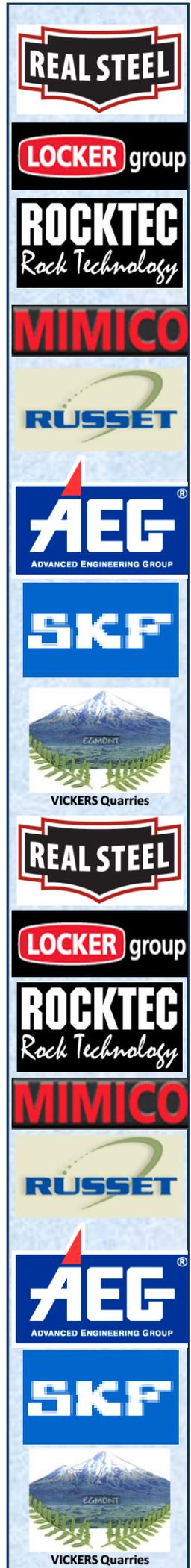
Aggregates are fundamental to the lives of everyday New Zealanders. Without an ongoing supply of aggregates, the production of concrete and the development of buildings, roads and infrastructure would come to a standstill.

The facts

- In 2010, New Zealand produced 31.96 million tonnes of aggregates worth \$361 million.
- With an estimated population of 4,422,700, each New Zealander consumes 7.23 tonnes of aggregates every year.
- Over half the aggregate produced is used on roads and a further 21% is used to construct commercial and residential buildings.
- The economic benefit to our country (direct, indirect and induced) is \$2.1 billion and approximately 10,000 jobs.

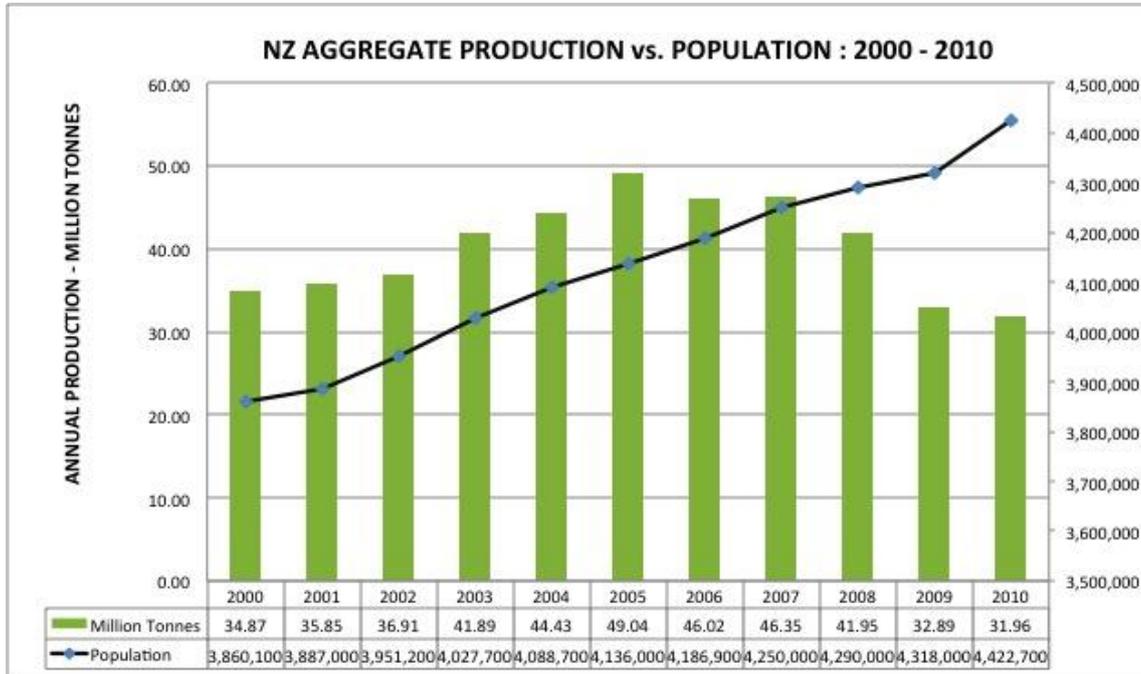
Location and transport

For each tonne of aggregate produced, every 30 kilometres it has to travel doubles the cost.



AGGREGATE USE: COMPARISON BY COUNTRY

Country	Tonnes per person
New Zealand	7.2
United States	10.0
Australia	6.0
Europe	6.2
Great Britain	4.0



This fact sheet was prepared by the Aggregate & Quarry Association of New Zealand at www.aqa.org.nz. - For more information phone 64-4-568 9123.

IOQ/AQA JOINT CONFERENCE REGISTRATION – WELLINGTON JULY 2012

QuarryNZ, the industry conference is pleased to advise that registrations are now open for this year's event in Wellington on 11-13 July 2012.

- A preliminary programme is on the website although not all details have been finalised at this time.
- Registration and accommodation bookings are available on line at www.QuarryNZ.com
- Payments can be made by credit card.
- Each registration will receive a tax invoice, confirmation of registration, payment and subsequently confirmation of accommodation if booked.
- Please note that the early bird registration closes on 31 May so be in early for the best prices.

Please do not hesitate to contact me if you require any further information

Roger Parton

Finance & Registration
QUARRYNZ

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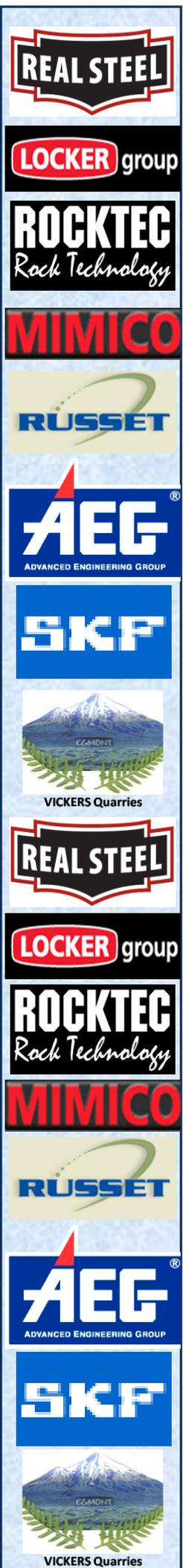
Office@QuarryNZ.com PO Box 32019, Maungaraki, Lower Hutt, New Zealand 5050

Website: www.ioqnz.co.nz

Mail contact address: Secretary, P O Box 36 037, Merivale, Christchurch 8146

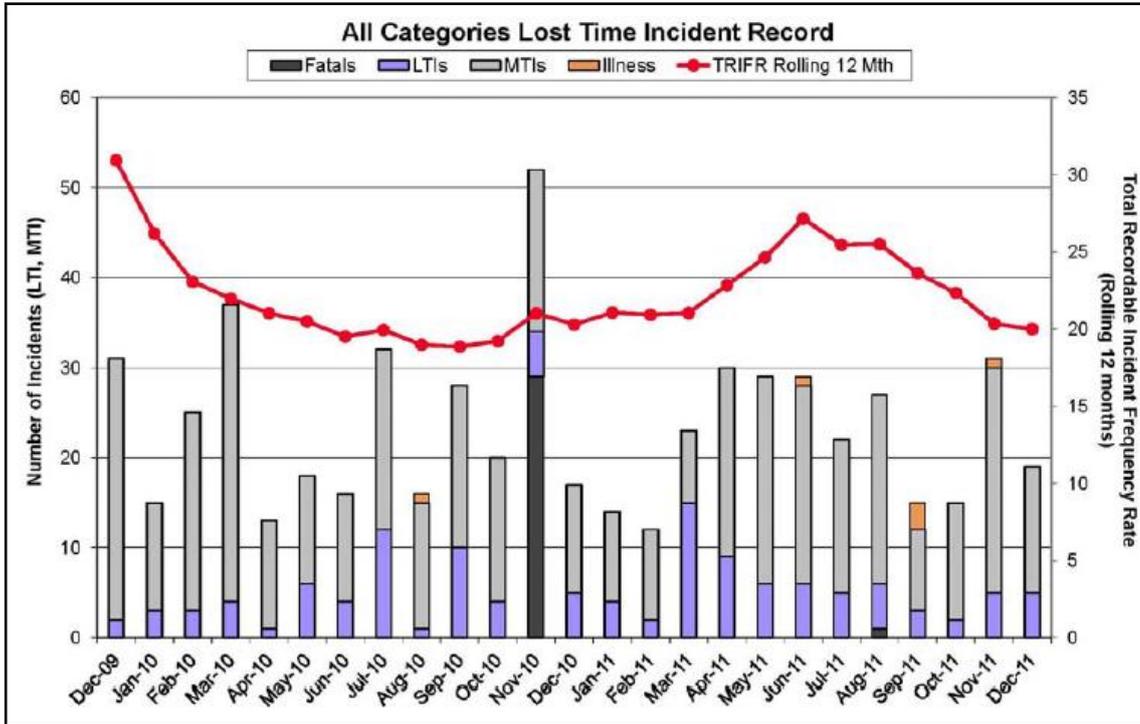
Email: chrisr@inet.net.nz or Mobile: 027 697 8559

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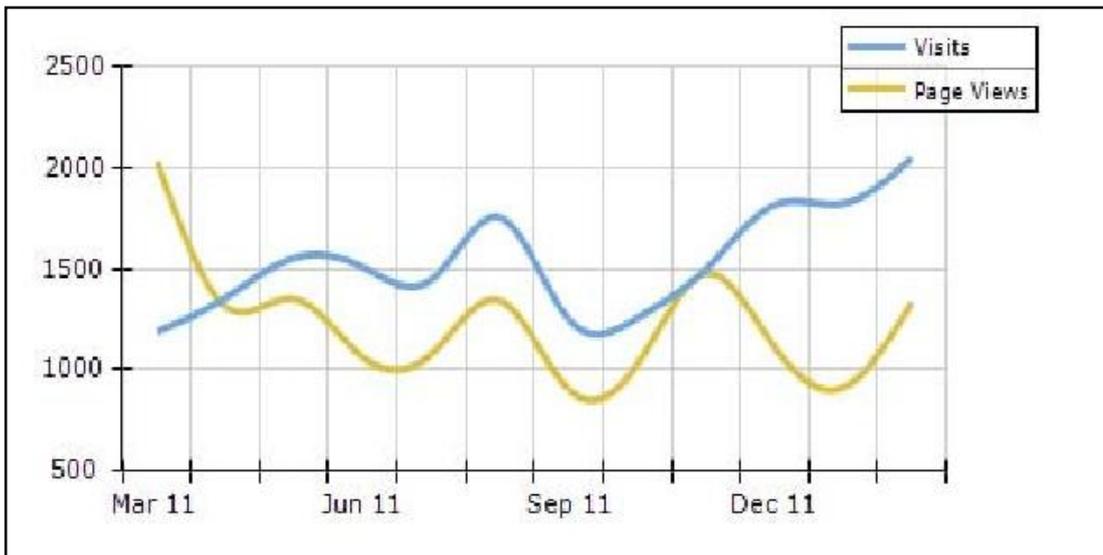
Incident Reporting from MinEx Newsletter [March]

The quarterly incident reporting database now has 44 contributors to the statistical data averaging over 1.5 million man-hours each month. New graphs showing the correlation between the injury rate and the hours reported and a 13 year history are now included on the website.



MinEx Website

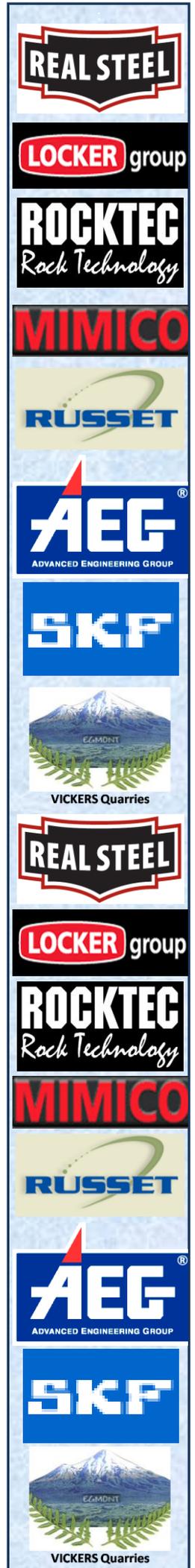
www.MinEx.org.nz continues to be visited from a large number of overseas persons as well as New Zealanders. Results of monitoring the use of the site over the past 12 months are shown below.



Month Page Views Visits Hits Mar 2011 – Feb 2012.

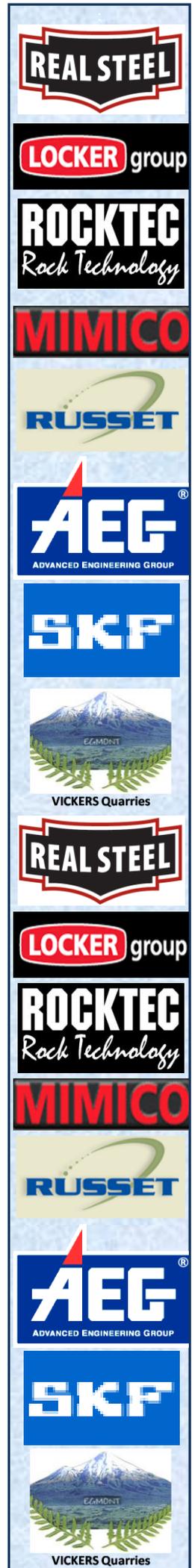
Article Supplied by W Leach.

For information on Branch events – see the website www.ioqnz.co.nz





I think you will all agree that **BRUCE TAYLOR** has set a benchmark! Bruce has completed 50 years Service and he arrived on the day like clockwork at 5am for his usual start time...suspecting nothing he was showered in confetti upon opening his office door and was greeted by a "number" of balloons and some new office equipment in the form of a rocking chair! The language at this time of morning was certainly colourful !



IOQ AWARDS 2012

Nominations are invited for the following prestigious awards which will be presented this year at Conference in Wellington:



- Niemac Trophy
- RD Hassed Memorial Trophy
- GoughsCAT Travel Award
- Rocktec Travel Award
- Winstone Aggregates Safety Award
- BR Webster Family Educational Scholarship

Where to send applications: If you are emailing an award entry please email to the IOQ Secretary [chrisr@inet.net.nz] or if posting an entry please send it to IOQ NZ Inc, P O Box 36 037, Merivale, Christchurch 8146.

If you need more information or help with your award format please contact the Chairman of your local branch or email Gavin Hartley gavin.hartley@bhq.co.nz.

IOQ NZ Inc – CPD [Continued Professional Development]

At the Executive Board Meeting in February a committee was formed to forward the plan to offer CPD to members of the IOQ in New Zealand. The idea of continued professional development is not new and is already offered by the IOQ in the UK and there is a lot of information on their website: www.quarrying.org and a login where you can see how a record of competency is logged and you can even log in your own CPD. It is also timely that we look at what we can do to keep our work skills current even if we have completed our qualifications as it is better to be putting it into practice now before legislation compels us to do so.

The idea of offering CPD to IOQ members in NZ is to ensure their work skills current and fully competent. If you have any thoughts or ideas on this topic can you email the Secretary chrisr@inet.net.nz or Gordon Laing gordon@ihuquarry.co.nz as it is intended to have CPD up and running within the next few months.

REMINDER: www.nzta.govt.nz/traffic - Give way rules changed on 25th March!

Change 1: The left-turn versus right-turn rule

This new rule now requires all traffic turning right to give way to a vehicle coming from the opposite direction and turning left. This applies at cross roads, T-intersections and driveways where both vehicles are facing each other with no signs or signals, or the same signs or signals.

Think: If you're turning right, give way.

Examples of common situations where the new rule applies are shown below. In each of the diagrams below the RED car with the dotted arrow has to give way to the GREEN car with the solid arrow:

a) Both vehicles facing each other with no signs or signals (neither vehicle is controlled)

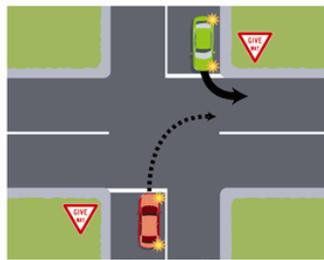
New rule from 25 March 2012



Vehicle turning right has to give way

b) Both vehicles facing Give Way signs

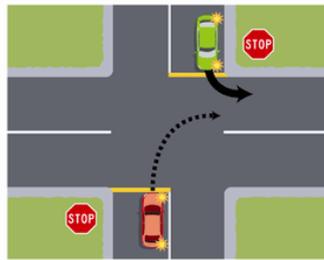
New rule from 25 March 2012



Vehicle turning right has to give way

c) Both vehicles facing Stop signs

New rule from 25 March 2012



Vehicle turning right has to give way

d) Both vehicles facing green traffic signals

New rule from 25 March 2012



Vehicle turning right has to give way

A BIG THANK YOU TO SPONSORS OF THE IOQ NZ FOR THEIR HELP AND SUPPORT DURING 2011/2012!

SPONSORSHIP THROUGH 'FRIENDS OF THE IOQ' IS APPRECIATED AND IN TURN WE WOULD ASK THAT ALL MEMBERS TRY TO SUPPORT THEM.

EXITO AGM – AUCKLAND 18 APRIL 2012

On 18th April EXITO are holding their AGM at the Jet Park Hotel, Mangere, Auckland.

The Quarry industry has a seat as of right on the EXITO Board and a representative of IOQ /AQA is also elected to the Board each term. Our current representatives are Brian Bouzaid [Chairman of Board], Bruce Taylor [AQA] and Gordon Laing [IOQ].

In the past the quarry industry has been strongly represented which has allowed their input into training requirements for the quarry industry and also maintaining a strong focus on the quarry sector possible. To enable this to continue we would ask that if your company is a paid up member of EXITO and not attending the AGM if you could please complete a proxy vote and return it to EXITO at least 24 hours prior to the AGM on 18th April, with a vote in favour of our industry.

Proxy forms and information are available from the IOQ website, EXITO website and office or email the IOQ Secretary chrisr@inet.net.nz. We thank you for your support!

