



**Executive Committee
2013/14:**

President:

Mr Gordon Laing

Vice President:

Mr Les Ward

Immediate Past President:

Mr Gavin Hartley

Board Members:

Mr Murray Discombe

Mr Andrew Mahan

Mr Peter Morgan

Mr Chris Sinclair

Mr Tony Carpenter

Mr Dean Torstonson

**National Secretary/
Treasurer:**

Mrs Petrina Torstonson

Contact Details:

Institute of Quarrying
NZ Inc

P O Box 9

Paeroa 3640

Ph. 0274 88 4977

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www.ioq.co.nz

The Institute of Quarrying NZ Inc

Issue: 37

Newsletter Date: March/April 2014

Presidents Report

Welcome to our first newsletter and its new format, for 2014. Winter (& the rain) is closing in now and with daylight savings at the start of April making the days seem shorter.

For those of you who are unaware, there has been a change in the executive, since our last newsletter. I would like to inform our members that after over nine years service to the IOQ NZ (Inc.), Christine Dodds, our secretary/treasurer, will be standing down at the end of the year. She has become the IOQ NZ (Inc.)'s longest serving secretary/treasurer. Our sincere thanks and appreciation for all Christine has done for the IOQ NZ (Inc.) over these many years and we wish her well for her future endeavours.

However, I am pleased to announce that Petrina Torstonson has taken over as our secretary/treasurer – for further details see page 2.

There have been a few local meetings held in the early part of 2014, with the Northland, Auckland, Waikato/Bay of Plenty & Otago/

Southland branches active on this front. I would like to acknowledge all of the sponsors of these local events, without whom, it would not have been possible for these activities to take place. Also, if you are thinking of any purchase for your site, please remember those companies who are "Friends of the IOQ" and their generous support for the IOQ.

This year's conference is being held up north in Whangarei (July 16th – 18th). I would like to remind you all that the registration process is well underway, so if you haven't already done so, then I recommend that you get on the QuarryNZ website for all the information that you need. Murray Smith is the conference chairman, who, along with the local conference committee, has managed to put a wide range of speakers together for your interest based on the theme for this year "Our Giants of the North".

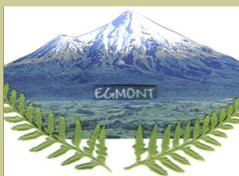
In line with the conference is the Annual IOQ NZ Awards to be presented during the conference, so I would remind you all to get your nominations in for these



prestigious awards as soon as possible. I am pleased to announce that there is a new IOQ NZ award this year, the "Porter Equipment Quarry Leadership Award". Details of this award (and its criteria) can be found in the newsletter (see page 10) and on the IOQ NZ website.

Last month I attended the 2014 IOQ International Presidents' meeting, which was held at the Lord Charles Hotel, Somerset West, South Africa and I shall include a conference report in our next newsletter. However, for your interest, I have included a report on the site visit made to the Lafarge' Tygerberg Quarry – see page 7.

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VICKERS Quarries

Presidents Report cont.....



Unfortunately, our nomination for the Caernarfon Award for this year – George Kelcher’s “Coal Removal – from Sand” - was unsuccessful. The IQUK was the successful recipient of the 2014 Caernarfon Award, with its entry “Our People – Our greatest Resource”.

I look forward to seeing you at the conference in Whangarei.

Kind Regards,
Gordon Laing
IOQ President 2013 - 2015

Institute of Quarrying—new contact details

The Institute of Quarrying has a new postal and email address as well as a new phone number. Details below:

The Institute of Quarrying NZ Inc
P O Box 9
Paeroa 3640

Phone: 0274 88 4977
Email: ioq@xtra.co.nz

New Secretary/Treasurer

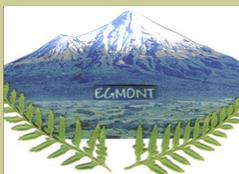


We welcome Petrina Torstonsen into the role of Secretary/Treasurer from 1 April 2014.

Petrina has previously worked for Local Government in a number of financial roles over the past 14 years and is currently based in Paeroa. Petrina is married with two children and has some knowledge within the quarrying industry with husband Dean having been involved in the quarrying and mining industry over the past 20 years.

I trust you will all welcome Petrina to the new position and introduce yourself at the up and coming conference. Her contact number is 0274 88 4977 or email ioq@xtra.co.nz.

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VICKERS Quarries

Otago/Southland Branch Report

IOQ Meeting held in Dunedin on 12 March 2014 at the Park Regis Hotel in Dunedin. Bryan Dunn from Locker Group was the sponsor for the evening. The Meeting was well attended with a total of 24 members and associates with some of our Southland and Central Otago members having travelled some distance to attend. Mark Gebbie and Richard Wright from Mito gave an update on the Extractives qualifications, how the courses will be run and the course material being developed by Mito. Copies of the new workbooks were passed around to be looked over. Mark Gebbie fielded a number of questions from mem-

bers wanting to know more about the new system. George Kelcher from Road Metals presented his entry for the Caernarfon Award to be judged at the IOQ international presidents meeting in South Africa. George's presentation was very interesting to all members as he explained how he and his team solved a problem of fine coal contamination in masonry aggregate. With a need to find a solution George explained how he researched potential methods to separate the very small partials of coal and still retain the sand content required. Unable to find a cost effective solution George and his team went about building a system us-

ing a rising current chamber, vertical screens and a series of cyclones.

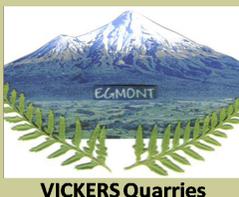
The presentation was well put together with lots of photos of the plant and it's construction. George answered many questions from interested members including a request that a site visit be part of a future IOQ field trip. Bryan Dunn from Locker Group gave a brief presentation about his new role as Technical Sales Manager for the South Island.

Thank you to our speakers that took the time to present to the meeting making it worthwhile and interactive.

Thank you to Locker Group for Sponsoring the evening.



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Waikato/Bay of Plenty Branch Report

The conference is almost here again and it will be great to catch up with everybody in the winterless North....I am sure that this year's conference will be an outstanding success.

Our first branch meeting with myself as the Chairman on the Tuesday the 13th of August 2013 was at C & R Development's workshop in Cambridge. This was a hugely successful night with one of the best attendances ever recorded (130 people). All those that attended were given the opportunity to view their new D11 Cat Dozer as well as hear the Ross boy's yarns and pictorial of their time and experiences in the earthmoving game..... It was a great night and thoroughly enjoyed by all. A huge thank you to C & R Developments for making the night the success it was.

The next meeting was held in October at the Perry Galvanising plant in Te Rapa.

This was an interesting night and was good to have a look at something outside of the quarry industry. Again a big thank you to Perry's for this event.

Our Christmas function was held at the Sky City Casino in November and was another theme night. This year's theme was Gangsters and Moles and all dressed appropriately for the night. A huge thank you to all the sponsors that supported this great night.

In February we had our first Branch meeting for 2014 at Goughs yard in Hamilton. Guest speakers for the night were Hydraulink and Lincoln Auto Lube Systems & Fire Suppression Equipment. Again there were good numbers and once again Gough provided a great meal and refreshments.

On the 17th of May we will

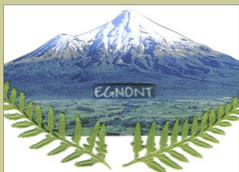
be having our 2nd Waikato Bay of Plenty Fishing competition which is kindly sponsored by Transmission House and will be held in Coromandel on two fishing charters. Last year's event was a great success with good numbers attending and good numbers of fish being caught. If anybody is interested in attending there is limited numbers so please contact myself (Allan Mc Donald) on 021 220 8508 or Mike Goodall on 027 215 7745.

We have also been informed that the 2015 conference is going to be held in the Waikato so we are currently working away at preparing for this event and will certainly be looking forward to once again hosting another great conference.

Allan Mc Donald
Chairman Waikato Bay of Plenty IOQ



Friends of the IOQ



Fishing Competition—you are invited.....



**THE INSTITUTE OF QUARRYING
WAIKATO / BAY OF PLENTY BRANCH**

GONE FISHING!!!!

**We are off fishing,
Saturday the 17th MAY !!!!!**
SNAPPER SAFARIES, COROMANDEL

SPONSORED BY:

Transmission House

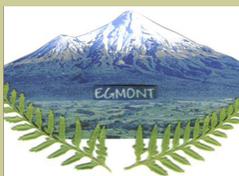
Tickets: \$95.00 per person

**IF YOU MISSED LAST YEARS, DO NOT MISS THIS ONE, GREAT DAY HAD
BY ALL, ONLY (40) SPOTS AVAILABLE.....**

Contact: Allan McDonald 021 220 8508 or Mike Goodall 027 215 7745



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VICKERS Quarries

Quarry NZ Working Group Update



The Quarry industry Working Group has met twice and is due to sit again on the 19th of May. The working group has been tasked with the drafting of Guidelines to support the new regulations for Quarries.

There has been some discussion around who should have responsibility for the project and after discussions with both IOQ and AQA boards respectively it was agreed that the project should be lead by MBIE with full participation and input from the IOQ and the AQA.

Other identified tasks were to define Quarrying to include alluvial extraction as well as recycling of materials which are used in, or composed of Aggregates. The group has also identified 40 guidelines which have been passed on to the MBIE as well as the previous stated definition.

The MBIE have confirmed a standards writer to draft up the guidelines in conjunction with the QIWG to allow industry input and a review process before going out to the greater industry for consultation this process will happen before final approval. There is an expectation that the guidelines will be completed by the end of the year.

Dean Torstonson

Representative for the IOQ on the Quarry Industry Working Group

MITO Update



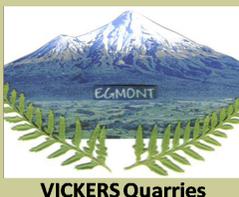
During 2013, representatives from the mining and quarrying industries worked with MITO to develop five proposed New Zealand Certificates and Diplomas, to replace the current National Certificates and Diplomas in 2016. Designed by industry, for industry, and developed in line with the Pike River Implementation Plan, the proposed qualifications have been approved by NZQA for development.

There are currently 20 National Certificates and Diplomas for the extractives industry. The five proposed qualifications are to replace 19 of these—the additional qualification, the Certificate in Underground Mines Rescue is being reviewed at the moment, and we hope to consult on this later in the year.

For more information about the project or current extractives qualifications, please visit www.mito.org.nz/extractives/extractive.

If you would like to provide feedback on the proposed qualifications, be involved in the review, or simply have questions, please email Samantha McNaughton samantha.mcnaughton@mito.org.nz.

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South Africa Conference 2014

Tygerberg Quarry, Cape Town, South Africa

On Wednesday the 9th April, the International Presidents were taken for a tour around Lafarge's Tygerberg Quarry, which is located about 30 minutes NW of Cape Town CBD.

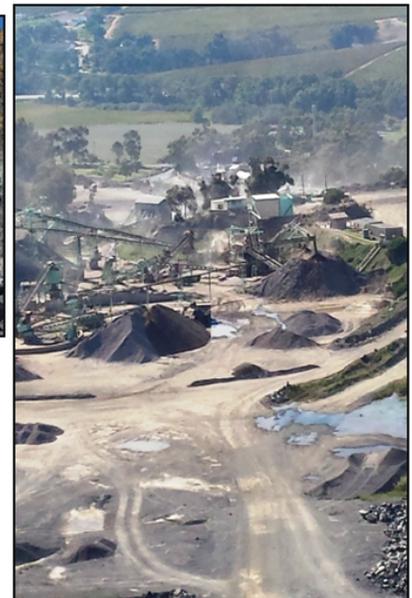
Upon arrival at the quarry, there is a barrier gate, which is only raised after ALL people wishing to enter the site have taken a breathalyser test. Considering that the visit took place after lunch, all the International Presidents duly complied and passed. However, as you will see from the photo, there is also a strict "No Guns" policy for the site.



Upon arrival, we were given a brief overview of the quarry by Andrew Wheeler, the Area Manager for Lafarge and then taken for a tour of the site. The quarry currently produces some 800,000 tpa, but reached the 1,000,000 tpa during the lead up to the 2010 Soccer World Cup. The rock is a hornfels metamorphic rock and at the current rate of extraction, the site still has over 50 years life remaining, having operated for the past 40 years.



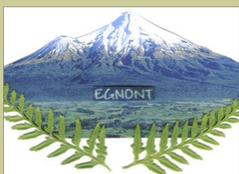
Tygerberg Quarry Working Faces (above)



Tygerberg Quarry Processing Plant (seen from level 6)
>

The operation consists of: 1 x 988G CAT Front End Loader with 4 x 769 CAT Dumpers as the Load & Haul fleet. They tip into a Telsmith 4248 Jaw Crusher. Then there is a 1650 gyratory secondary crusher followed by 3 x Sandvic H4800 gyratory tertiary crushers. The products are graded through a series of screens and the site produces aggregates, concrete products & asphalt products. There is a concrete plant on site, as well as an asphalt plant. Load out is carried out by 2 x Komatsu WA 470 Front End Loaders. The site operates a fleet of about 30 subcontracted delivery trucks, ranging in capacity from 6, 10 & 15 m³.

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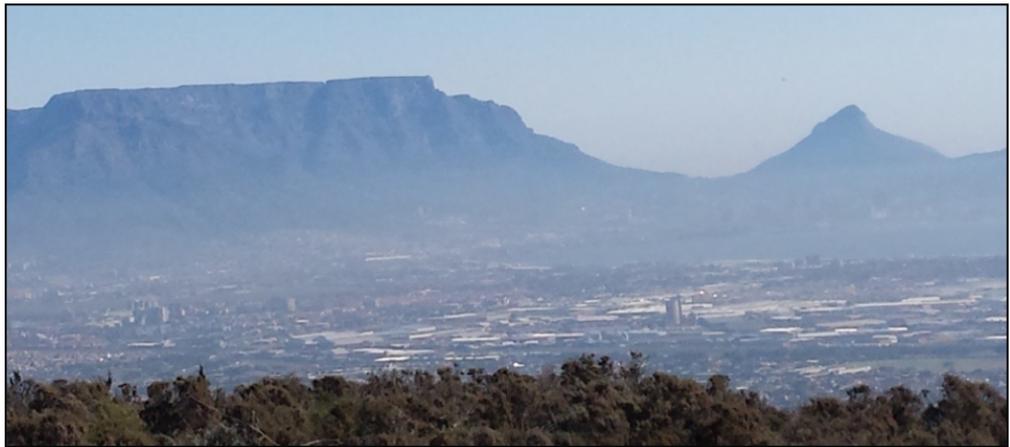


VICKERS Quarries

South Africa Conference 2014 cont.....

The number of permanent staff on site is 37, including 2 dedicated sales staff. Tygerberg Quarry has the lowest cost of production of all of the 19 Lafarge Quarries in South Africa, which, between them, produce some 4,000,000 tpa. The site also has a very impressive safety record, with the last LTI recorded on 01/11/2003, some 10.5 years ago.

Finally, another impressive feature of the site is the view from the top of the quarry face looking SE back towards the Cape Town CBD and Table Mountain (now listed as one of the World's Seven Wonders of Nature) with Lion's Head to the right – see photo below.



Gordon Laing
President

Winstone Safety Award—2014

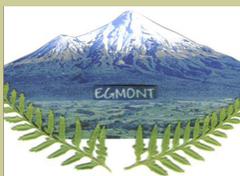


This year the Institute of Quarrying is looking for a nomination from each branch of the Institute, if there is more than one nomination the branch is to select the nomination to be put forward by their branch.

Judging for this year's award will be in June and performed by Work Safe.

Branch Chairman/secretaries to forward nominations to IOQ National Secretary before the end of May.

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VICKERS Quarries

Award Nominations—Whangarei Conference 2014

Any member can nominate an IOQ member from their local branch who they believe to be the most deserving for an award - see the categories below - further information is available on the website or from your Branch Chairman or Secretary.

Nominations should include some background information about the person: current job description, a mini version CV.

Please review the criteria for nominations as described in the Awards section on the IOQ website - www.ioqnz.co.nz, to ensure the member you wish to nominate is eligible. Include your reasons for nominating, and a contact phone number.

Awards offered are -

Niemac Trophy

Rocktec Innovation Award

RD Hassed Memorial Trophy

Lyn Jordan Memorial Trophy

Winstone Aggregates Safety Award

Porter Equipment Quarry Leadership Award (**nominations by 15 June 2014**)

Institute of Quarrying NZ Award

BR Webster Family Educational Scholarship

Citation

AJ & RJ Loader Shield for Best Sponsor's Display

Caernarfon Award

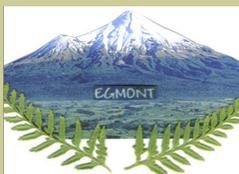
Nominations are to be received by 31 May 2014

Please note that the AJ & RJ Loader Shield for best sponsor's display is judged during the Annual Conference.

The Institute of Quarrying NZ (Inc) has a number of prestigious awards available which are presented each year at the Annual Conference.

Send completed nomination forms together with supporting photos and documentation to the [IOQNZ Secretary](#), P O Box 9 Paeroa

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VICKERS Quarries

New Conference Award—2014



THE INSTITUTE OF QUARRYING NEW ZEALAND INCORPORATED

PORTER EQUIPMENT QUARRY LEADERSHIP AWARD



The Porter Equipment Quarry Leadership Award is presented to an Institute member who has achieved 10 or more years membership and who holds a management position within the quarrying industry.

This prestigious award offers an all-expenses paid 5 day trip to Korea to visit the Hyundai Factory hosted by Porter Equipment, and will be presented every two years.

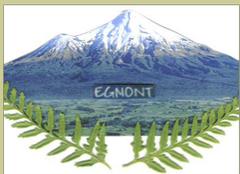
Key criteria:

- The nominee must be a current Institute of Quarrying member who has achieved 10 or more years membership and who holds a management position within the quarrying industry.
- The nominee must provide written evidence of their valued contribution to the Institute and the quarrying industry over the previous two years.
- As the award is hosted by Porter Equipment, travel will not be deferred and must be taken at the time organised by Porter Equipment.
- A condition of the award is that the recipient must provide a detailed written report of the tour to be submitted to the Institute and Porter Group within 3 months of travel. The report will become the property of the Institute who can publish it in whole or part as it sees fit.
- Selection of the recipient of the award will be judged by the President and Vice President of the IOQ and a representative from Porter Equipment.
- Nominations can be made by any member of the Institute or any Group Committee.

Nominations to be received by the IOQ secretary by 15 June 2014.

Institute of Quarrying NZ Inc, P O Box 9 Paeroa 3640 Email: ioq@xtra.co.nz

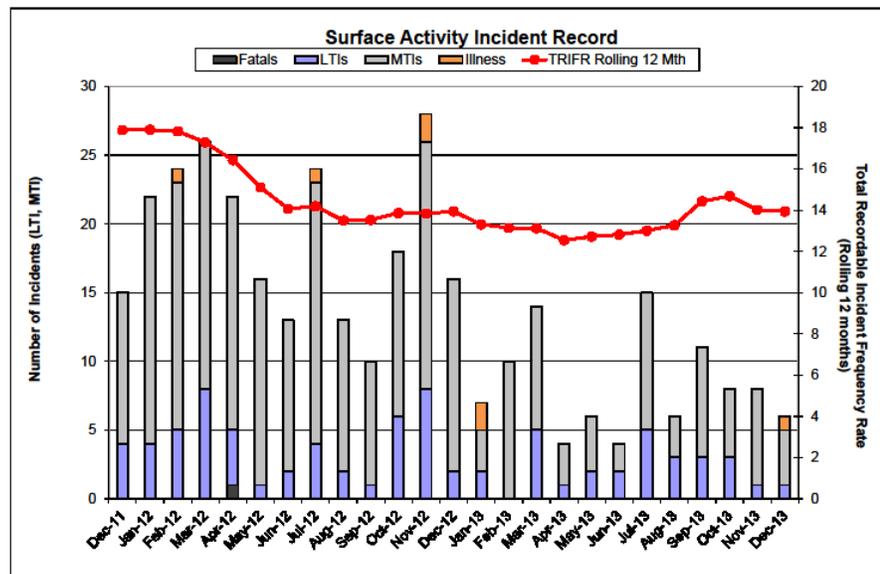
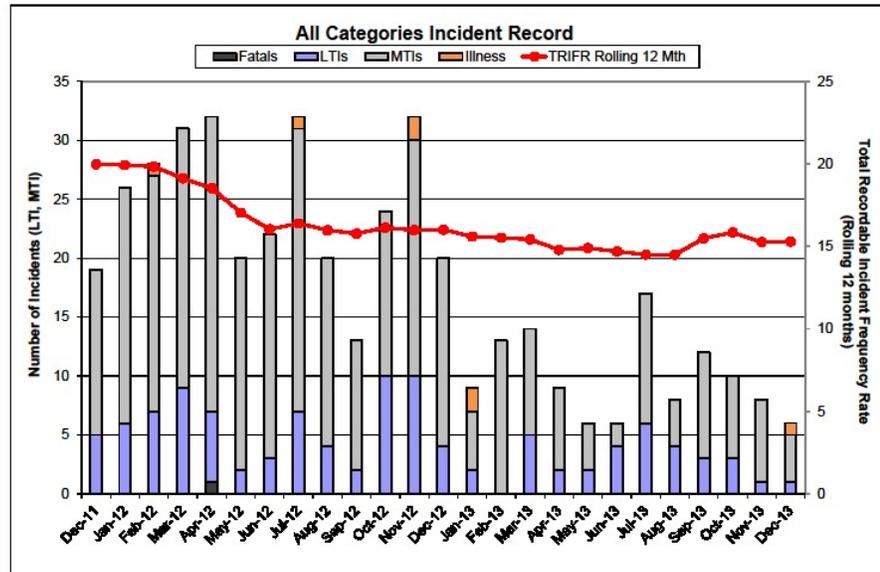
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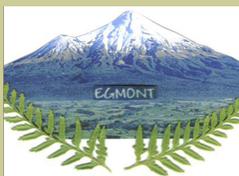
INCIDENT REPORTS FROM MINEX



Data reports as at 31 December 2013 Further updates and information for underground can be accessed on the website www.minex.org.nz.



Friends of the IOQ



ROCKTEC—Mobile Jaw Plant—designed & built March 14



Overview

- Road Legal Mobile Plant
- Rocktec "Avalanche" Heavy Duty 8' x 4' Double Deck screen
- 900mm Primary Conveyor
- 750mm Side Discharge Scalping Conveyor
- To Suit 32" x 20" Jaw (or similar)



In March 2014, a Rocktec designed and built Mobile Jaw Plant rolled out the gates of their Matamata manufacturing plant .

The unit is a road legal mobile plant, built for tough New Zealand conditions while providing reliable service. The unit was custom designed to meet the customers requirements, to allow for easy integration with existing equipment.

The plant features tandem axes with folding conveyors. Material is feed onto the Rocktec "Avalanche" Heavy Duty 8'x4' Double Deck Scalping Screen. The screen has modular rubber panels on the top deck and side tensioned wire bottom deck including multiple scalping options.

The scalping's are discharged to a stock pile via a 750mm fold-out side discharge conveyor. The top deck delivers material to a 32" x 20" Jaw Crusher, a 900mm fold-out Primary Conveyor delivers the crushed material including bypass product to either a stockpile or a secondary screen / crushing plant.

Walkways along both sides of the screen and across the jaw crusher allow for easy access during routine maintenance and checks.



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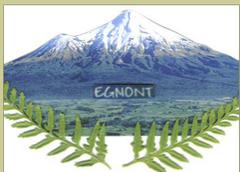
RPS 1403



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 Welhou Street | Private Bag 4072 | Matamata | 3440 | New Zealand
 Phone +64 7 861 9188 or 0800 735 305 | Email sales@rocktec.co.nz | Website www.rocktec.co.nz

SCE—Christchurch
 128 Maces Road | Bromley | PO Box 24114 | Christchurch | 8062 | New Zealand
 Phone +64 3 364 2019 | Email sce@sce.co.nz | Website www.sce.co.nz

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ROCKTEC—Warrior Wheel & Underbody Truck Wash




WARRIOR
WHEEL AND UNDERBODY TRUCK WASH
 Complete drive-through wheel and underbody wash
 Rugged steel construction
 Fully automated
 Portable

ROCKTEC
 Rock Technology
 www.rocktec.co.nz




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 Email sales@rocktec.co.nz | Website www.rocktec.co.nz

Southern Cross Engineering | Christchurch
 128 Maces Road | Bromley | Christchurch 8062 | P.O Box 24114
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Specialised Design and Build Fixed Quarry Plant | Mobile Crushing, Screening and Pugmill Plant | Warrior Wheel and Underbody Truck Wash | Dewatering and Waste Material Solutions | Avalanche Screening Solutions | Bulk Material Handling Equipment



Our website provides information on the following;

- IOQ Executive Committee,
- Branch Chairmen and Secretaries,
- Upcoming branch meetings
- Conference updates
- Awards nomination forms
- Membership forms,

All forms are in pdf format and can be scanned and emailed to save you time.

www.ioq.co.nz

2014 IOQ Membership Invoices—Reminders



Over the next few weeks—outstanding membership invoices will be emailed out to you or posted.

If you intend to make an on-line payment—please note that the IOQ has a new bank account with the BNZ. The new bank account will be displayed at the bottom of your invoice. Please update your records once received.

If you have any concerns or queries, please feel free to contact Petrina Torstonson, Secretary/Treasurer on 0274 88 4977 or email ioq@xtra.co.nz.

Welcome to New Members

Name	Category of Membership	Branch
Michael Goodall	Associate	Hamilton
Jason Tavioni	Associate	Auckland
Phil Boulton	Associate	Otago/Southland
Shane Elliott	Associate	Auckland
Matthew E Arthur	Member	Northland
UPGRADE		
Craig John Harvey	Transfer/Member	Otago/Southland

Please ensure invoices are paid promptly and details are updated when you change your address or employer.

If anyone has Articles of interest to the quarrying community that could be included in the IOQ quarterly newsletter please contact the IOQ National Secretary. Any new material would be much appreciated.