



News from the Crane Association of New Zealand



Conference

Another successful conference was held in Nelson and we were fortunate that we had a great turnout.

It's the little things and the detail that count. Delegates received a ration box full of local produce on arrival. The hotel key cards sported the Association logo and post-conference, delegates received a photo booklet of pictures taken during the conference. To cap it all, they received a baggage tag as an invitation to join us next year at Rotorua.

The President opened the conference, followed by a presentation from our premier sponsor, Underwriting Agencies of Australia (UAA) represented by Stan Alexandropoulos (Chief Operating Officer & Regional Manager East - VIC, TAS, NSW, ACT & NZ). Stan announced that UAA will sponsor the conference over the next three years and we look forward to developing our partnership over that time.

In his opening address, the Hon Michael Woodhouse (Min. Workplace Relations and Safety) gave a firm commitment that WorkSafe and the industry will work together to reduce workplace harm in the industry.

The association's financial results over the past year have been built on two years of growth and shown a 35% increase in income with only a 15% increase in expenses. Income has diversified from 100% subscription based to 60% subscription and 40% from alternative sources like the conference and fuel scheme.

We have updated the Crane Safety Manual with the latest health and safety regulatory information and President, Scott McLeod, launched our new resource, the "SafeCrane" website, at this year's conference.

www.safecrane.nz



HOME ABOUT CRANE USERS OWNERS OPERATORS DOGMAN / RIGGERS NEWS

Safe Lifts create a Safer Workplace

Creating a safe workplace for cranes is vital for safe lifts. You can learn how [here](#).

SafeCrane has been created by the Crane Association of New Zealand (Inc.) to provide guidance on how to create a safe workplace for cranes.

Search

Resources for



Crane Users

You hire or lease cranes. You have the ultimate responsibility for ensuring your workforce operates



Crane Owners

You own the plant and equipment. You have responsibility to ensure the crane is safe for operation and



Crane Operators

You operate the crane. You are responsible for the safe operation of the plant within the Workplace by



Dogman / Riggers

You are directing the crane and rigging the load. You are responsible for ensuring the load is

From the President

Dear members,

Thank you to the 188 attendees at the 41st annual Crane Conference in Nelson - delegates and their partners networked and socialised.

The Council thanks Tristan Williams (Lyttelton Port of Christchurch) and Ron Brown (Transport Specifications) for their time on Council. Both stepped down at this year's event. Their and their companies' efforts makes the Crane Association so effective.

Welcome - Stephen Broomfield (Ancon Building Products) and Tom Currin (Liebherr) to the 2016-17 Council.

We have a big year in the wake of the Health and Safety at Work laws. I encourage you to contact Rod at the Association with any issues.

All the best,
Scott McLeod, Association President

Newsletter of the

CRANE ASSOCIATION
OF NEW ZEALAND INCORPORATED

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skills.

At the awards dinner, sponsored by the Skills Organisation, the following awards were presented by Lance Riesterer (GM Trades and Business)

Crane Leader of the Year: Grant Moffat, HEB Structures, Tauranga



L-R Grant Moffat & Lance Riesterer

Crane Trainer of the Year: Allan Collins, Digital Assessing & Training Ltd, Tauranga



L-R Allan Collins & Lance Riesterer

Crane Training Company of the Year: HEB Construction, Tauranga



L-R Grant Moffat, Lee Liddelow, Lance Riesterer

Crane Trainee of the Year: Andrew Legge, Marinetec Engineering Ltd, Lyttelton



L-R Andrew Legge & Lance Riesterer

skills. Equipping Kiwis for workplace success

The Best Booth and Trade Exhibition Passport awards were presented by Rod Auton, CEO of the Crane Association.

Best Booth: Manitowoc (Australia) and Tidd Ross Todd (Hamilton)



L-R Robert Carden, Rod Auton, John Stewart

Trade Exhibition Passport



L-R Lee Liddelow and Rod Auton

skills.



Equipping Kiwis for workplace success

Training and Assessment – what's the difference?

We sometimes get the two confused:

- Training, generally, aims to equip someone with the relevant knowledge and skills to perform a task or series of tasks.
- Assessing is verifying or checking that the individual has retained the knowledge and can write or speak about what they've learned.

It's crucial that we distinguish clearly between the two activities. Training does not equal assessment. Recently, there have been businesses who have paid for what they believed was assessment and expected a set of unit standards to be registered on the NZQA framework, only to be told that their 'assessor' was in fact simply conducting training with no formal NZQA recognition. Businesses need to have the confidence that they get what they're paying for.

Who is a qualified assessor?

Assessors are skilled individuals who, in the cranes industry, have both years of industry experience as well as the relevant qualifications

for which they assess.

Assessors have also met The Skills Organisation's (Skills) criteria of holding Unit Standard 4098 (Use standards to assess candidate performance) and have received their peers' commendation. A Skills-registered assessor can report unit standards via Skills to NZQA and is subject to moderation, which is a check to ensure that the assessor achieves good results..

What's the difference between a Workplace Assessor and a Contract Assessor?

- Workplace Assessors can assess candidates within their workplace only.
- Contract Assessors can assess outside of their workplace, so they're subject to greater scrutiny.

Contract Assessors are viewed as 'belonging' to the industry so applications for these assessors are referred to the Cranes Council for their endorsement.

Aspiring assessors apply to Skills, who processes them and submit them to the Cranes Council to be reviewed first by the Education and Training Sub-Committee, and then finally to the Council itself for endorsement.

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Crane Association of New Zealand Incorporated

31st March 2016

Vision

A safe and sustainable crane industry providing service to our community.

Mission

To provide one clear voice, advocating with regulators, authorities and industry partners to provide a safe and efficient crane industry for our members and our community.

We have the pleasure of presenting the 2016 Annual Report.

2015/2016 Council

The following councillors were elected at the 41st Annual Conference held at Tauranga in July 2015 to serve for the 2015/2016 year.

Scott McLeod (President)

Tony Gibson (Vice-President)

Grant Moffat (Immediate Past President)

Jan Coton (Titan Cranes Ltd)

Tristan Williams (Lyttelton Port Company)

Warren Rogers (Fletcher Construction)

Paul Houston (Fletcher Seovic)

Ron Brown (Associate Representative)

Allan Collins (Associate Representative)

Wayne Abel (ITO Representative)

Council meetings were held in May, July, September and February. Subcommittee meetings were held in response to activities that were being worked on during the year. Each council member serves on at least one subcommittee but the majority serve on more than one. They commit a large amount of their own time to serve the Association.

Overview

2015 has been a good year for the Association with a highly successful conference and the launch of the Crane Safety Manual amidst the battles to keep compliance costs down while still improving standards across the industry.

Annual Conference

The Annual Conference was held in Tauranga and like the previous two years, there was an increase in attendance, sponsorship and the trade shows. The conference has shown a good profit due to the numbers attending and great support from our sponsors. We estimate that 850 hours is spent on conference planning and preparation from conference to conference. This is a cost that is not attributed to the conference and isn't reflected in the conference

budget or the financials.

Crane Safety Manual

The Crane Safety Manual was issued with a version number (3.0) as opposed to a year so that we could be more reactive to change and could readily make amendments to meet the needs of changing legislation and advances in technology.

We anticipated selling 1000 manuals in the first 12 months, however in the period up to 31 May 2016 we have sold 1291.

Version 3.1 will be launched at the 2016 conference. This includes the changes from the Health and Safety at Work Act 2015 and the Health and Safety at Work – General Risk and Workplace Management Regulations 2016.

Communications

In the last year there has been a change in the way that the Executive Office communicates with the membership. This has been reflected in the introduction of the six weekly email digests and the Dispatches Newsletter. The Digests have seen readership climb by 6% since inception.

Since the introduction of the Health and Safety at Work Act 2015, there has been a marked increase in phone-calls from members and non-members alike requesting information on competency and training.

Crane Directory

After surveying the members about the best outcome for a crane directory, there was a large majority vote for an online directory as it would always be up to date and current, particularly, when members have access to their own details and can amend them accordingly.

Therefore, the Council agreed that the directory would be online and for those that still require a hard copy there will be a PDF in the member's area of the website that can be downloaded.

Regulatory Issues

This past year has seen the implementation of the Health & Safety Act 2015 and the Association has also submitted on the following:

- Road User Charges – Lobbying and achieving a reduction in Truck Crane RUCs
- The Driver Licencing Review – Changes to crawler crane licencing requirements
- The Vehicle Dimensions and Mass Rule – Changes to divisible load requirements
- Overweight Permit Amendments – Permit conditions classified and ranked in groups, weighing tolerances formalised, revised infringement penalties, two specified reasons for deviation from specified routes, and the transitional arrangements for existing permits.
- Roadside weighing of cranes – Tacit agreement from CVIU that cranes would not be weighed at roadside.

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Cntd.

- Changes to Redirection of Vehicles – change from 5km to 20km: Association opposed
- Reducing overweight margin before overloading – 2 tonne or 10% of permitted load whichever is the lesser: Association opposed

We have also conducted research on cranes carrying out recovery operations on an emergency permit with an aim to simplify or exempt the emergency permit.

Over the next 18 months we will be involved in the updating of the Approved Code of Practice for Cranes 2009 and the Pressure Equipment, Cranes and Passenger Ropeways Regulations 1999. Both of these documents are critical to the crane industry and will require considerable input from the membership.

Crane Qualifications

In the past 12 months, The Skills Organisation, Association and industry have been working on the Targeted Review of Qualifications for Cranes. This has taken some considerable time as the New Zealand Qualifications Authority (NZQA) had not set their guidelines firmly and there were a number of changes throughout the year that impacted on the review. The consequences of those changes meant that at the start of 2016 the whole review had to be restarted and is nearing completion. A big thanks must go out to all those members whom have contributed to the review and continue to do so.

Best Practice and Approved Codes of Practice

Over the year the Association has supported other construction entities as well as contributed to other Associations Best Practice documents and Approved Codes of Practice. This year we assisted the Telehandlers and Pre-Cast Concrete Associations with their Best Practice Guidelines and also contributed to the industry with a Guideline for Crane Lifted Work Platforms.

Position Papers

There have been a number of Position Papers drafted, written and published over the last year

CANZ PP-001 Bosun Chairs - Published

CANZ PP-002 Articulated Non-Slewing Crane Operator Requirements - Draft

CANZ PP-003 Excavator Used as a Crane - Draft

CANZ PP-004 Telehandler Use: Lifting Suspended Loads - Published

CANZ PP-005 Shackles – Draft

Financial Results

The financial results for 2015/16 have resulted in an exceptional year

and has built on the previous two years. This year's growth is going to allow us to contribute to the reserves for those downturns that, on average, come every seven or so years. The following are some explanatory notes that cover in short the gains we have made.

The Balance Sheet shows an increase in assets of \$39,175 and a decrease in liabilities of \$17,215. The total equity has risen by \$56,390.

During the period 2014-2016 one of the concerns with the finances was a debt that came about from the transfer of funds between the Association and Crane Training when cash-flow was low and the council or accounts not wanting to break a reserve term deposit. By the 1st April 2015 this totalled \$91,824. To reduce this debt, invoices from the Association to Crane Training were used to reduce the debt. This amount came to \$25,988.98 invoiced on 31 March 2015 and \$20,870 administration cost recovery invoiced during the 2015-2016 year. \$43,749 was reduced from the debt and \$3,109.98 was physically paid to the Association.

In the Statement of Financial Performance, the subscription income appears to be abnormally high in comparison to the previous year. This is a result of the changes we made to the invoicing date in 2014 when we changed the renewal date from 1 April to 1 November. On doing that the subscriptions from Nov – Mar are held on the Profit and Loss and those from Apr – Oct are held on the Balance Sheet as Subscriptions in Advance. In 2015, we understated the Subscriptions in Advance and as a result we have the 2016 subscriptions appear to be rather high. Notwithstanding that we have had a 16% increase in membership that is also contributing to the higher income.

Travel and Meeting costs appear rather high compared to the previous period in the Statement of Financial Performance. This is a result of Association meetings being combined or held at the same time as the Crane Safety Manual Rewrite and therefore costs were attributed to the Rewrite which significantly reduced the direct cost to the Association. Many members also contributed time and money to the rewrite by attending two day sessions which resulted in considerable savings to the Association.

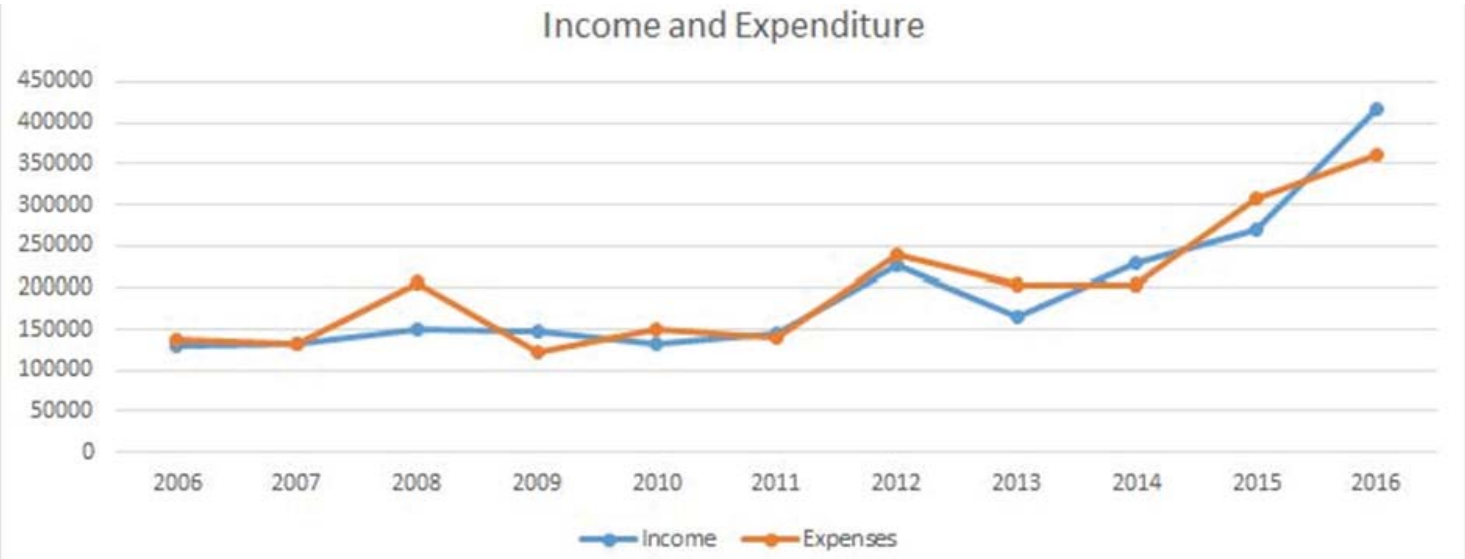
The Accounts Receivable have been reduced by 60% compared to the previous year and Accounts Payable have dropped by 9%. The reserves in term deposit have risen by \$5,320 and the Council will make a decision on the best use of the profit made for the year.

The fighting fund was established in accordance with the remit passed at the 2015 Annual General Meeting. This fund is reported on in the Balance Sheet and is held in a separate account. The fund is levied as a line of column on the member's invoices.

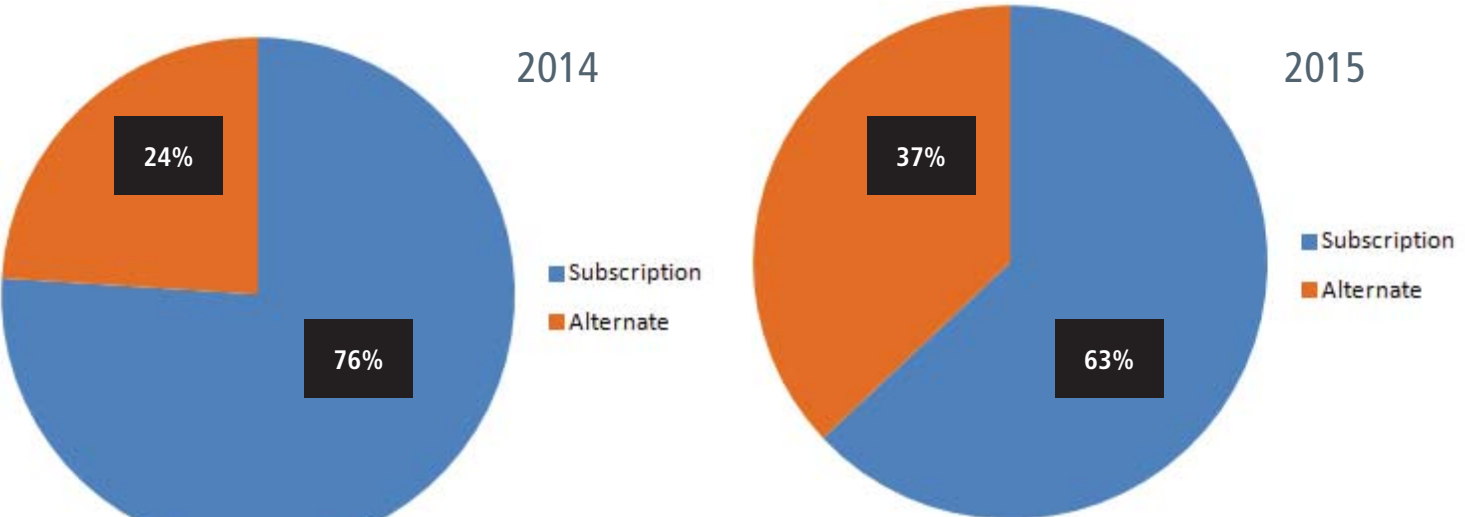
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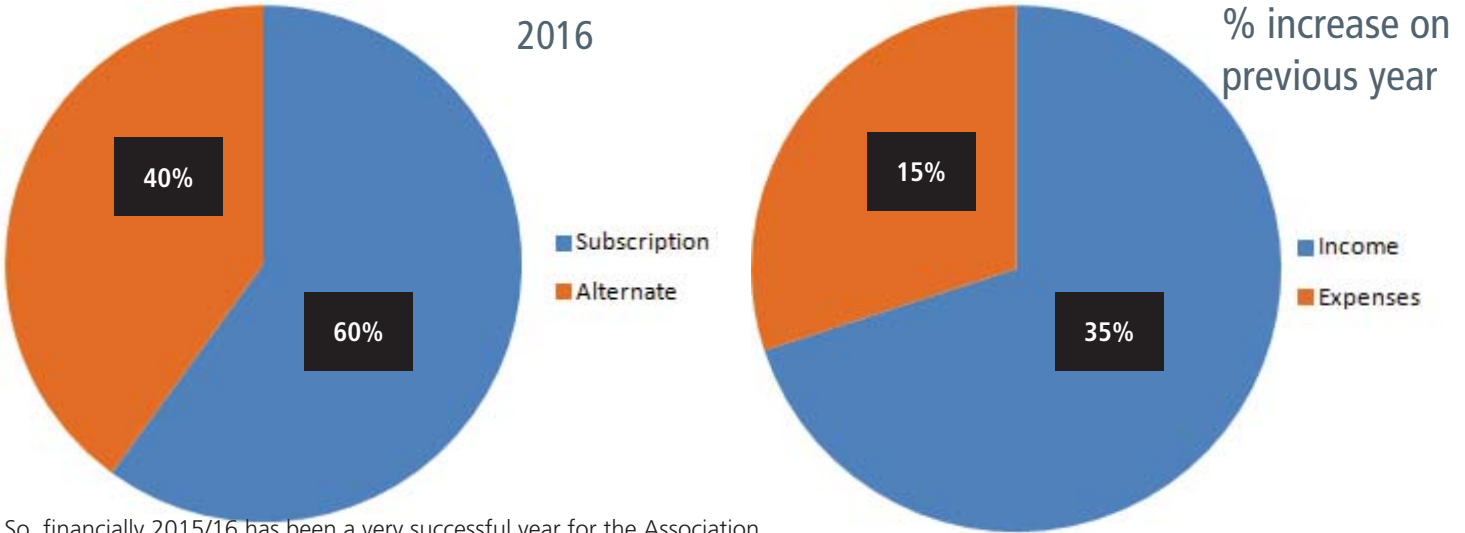
With the changes introduced in 2014 and the integration of the Xero Accounting package the Association has seen growth in its finances for the first time in a number of years. The progress of the Association over the last 10 years is illustrated in the following graph:



In the past three years we have begun to diversify the income streams with the conference, fuel scheme and insurance offering. The progress for the years ending 2014, 2015 and 2016 are illustrated in the following graphs.



For the year ending 2016 the finances have bounced back on the back of a successful conference and increased membership. Following the principles of sound fiscal management, the Association is showing a 35% increase in income growth this past year with only a 15% increase in costs.

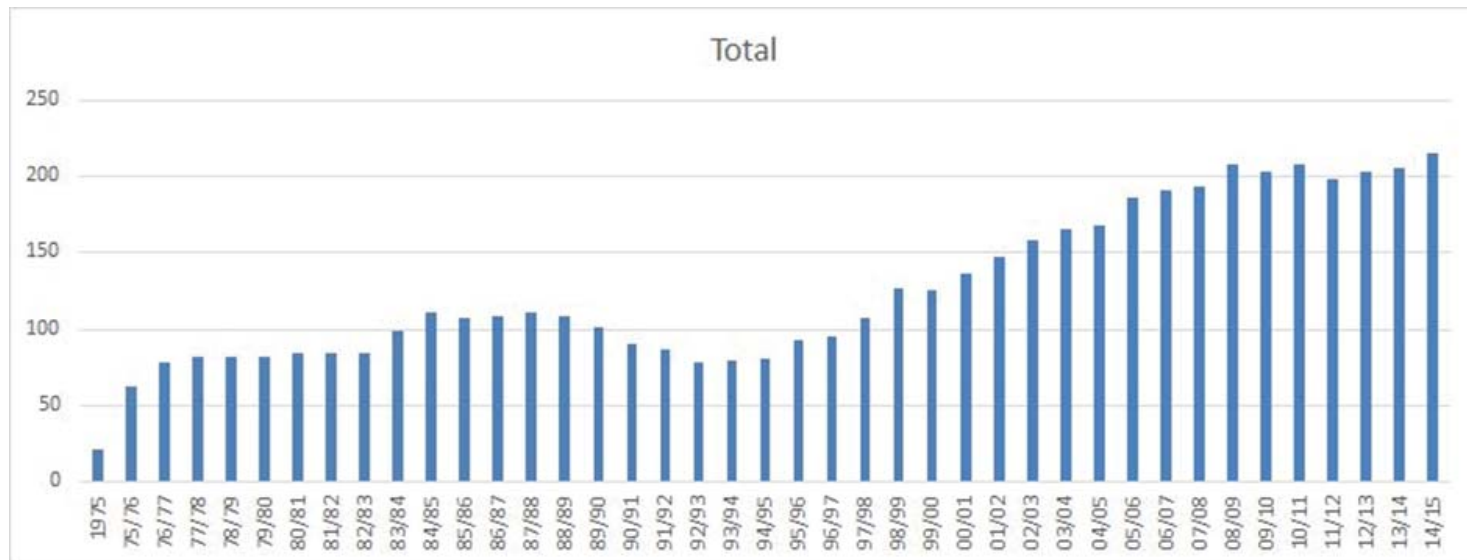


So, financially 2015/16 has been a very successful year for the Association.

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Membership

2016 has been a good year for the Association. This includes a growth in membership of 16%. The membership has been growing consistently for the last three years, due to the Executive Office maintaining a prospects list drawn from other industry directories and by adding non-members who purchase from the Crane Training shop to the list. We send prospects a brochure on the Association, followed up by a phone call to garner interest. The results can be seen in the following graph showing membership statistics since 1975.



The following Companies became members during the year:

Full Members

Carson Construction Full Member (Cat A) (Papamoa)
Jireh Contracting Full Member (Cat A) (Wanganui)
Gaprie Ltd Full Member (Cat A) (Tauranga)
Page McRae Engineering Full Member (Cat A) (Tauranga)
McKenzie Transport Full Member (Cat A) (Kaitaia)
Refining NZ Full Member (Cat A) (Whangarei)
Stead Construction Full Member (Cat A) (Hastings)
Hammond Crane & Cartage Ltd Full Member (Cat A) (Upper Hutt)
Tower Cranes NZ Ltd Full Member (Cat A) Auckland
Bradford Management (2013) Ltd Full Member (Cat A) Ashburton
Syncro Cranes Ltd Full Member (Cat A) Auckland
Hawkes Crane Hire Full Member (Cat A) Taupo
Design Productions Ltd Full Member (Cat A) Auckland
Port Otago Full Member (Cat A) Dunedin
Steelworks NZ Ltd Full Member (Cat A) Mt Maunganui
MS Engineering Ltd Full Member (Cat A) Warkworth
Port of Tauranga Full Member (Cat A) Tauranga
Farra Engineering Ltd Full Member (Cat B) Dunedin
Northport Ltd Full Member (Cat B) Whangarei
Mighty River Power Full Member (Cat B) Rotorua

Associate Members

ENZED Auckland
Mega Distributors 2008 Ltd Auckland

Stork Technical Services Ltd New Plymouth (reinstated)
BVT Consulting Ltd Christchurch
Industry Skills Ltd T/A iskills Tauranga

Overseas Members

Heavy Lift Designs Associate Member (Australia)
PA Construction Pty Ltd (Pace Cranes) Associate Member NSW Australia

Resignations

Spanset (no longer required)
Lakeland Plant Hire (no cranes)
Enterprize Steel Ltd (no longer required)
Stork Technical Services (no longer required)
BG Crane Hire (Business sold to existing member)
Kitney Training & Assessments (Personal Reasons)
Gavin McGrath Engineering (No longer required)
Gleason Cranes Australia Pty Ltd (Liquidation)
Lifecare Consultants (No benefit)
Lyttelton Engineering (No benefit)
TRS Tyre and Wheel Ltd (No benefit)
McCallum Cranes (2014) Ltd No value (Assessing priorities)
Lund South
Peninsula Crane Hire (Sold Business)
One Stop Management (No longer required)
New Zealand Steel Ltd (No explanation – exit survey sent)

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Workshops

As part of the 2015 strategic plan, the Association initiated a series of workshops involving the associate membership. To date two workshops have been successfully completed and two are in the planning stages for later this year.

- 17 September 2015 – A Tower Crane Inspection Course sponsored by Morrow Equipment and conducted by Christoph Schneider from Liebherr (Head of Project Planning). The workshop was attended by 58 participants.
- 16 June 2016 – Overhead Gantry Workshop conducted by Monocrane, Maintech and SGS. The workshop was attended by 52 participants
- September TBA – Wire Rope Workshop conducted by Cookes
- October TBA – International Crane Market (Focus on China) conducted by John Stewart from Manitowoc.
- TBA – Risk Management in the Crane Sector conducted by Stan Alexandropoulos (UAA)

Crane Project and Lift of the Year

Last year we trialled the Lift of the Year as well as the Project of the Year, both sponsored by UDC.

- The winner of the Project of the Year was Fulton Hogan for the Onehunga Foreshore Restoration Project, and
- The winner of the Lift of the Year was Smith Crane and Construction Ltd for the erection of a 5-tonne tower crane at the Waitaki Hydro Dam.

People's Choice

Last year the People's Choice was won by Fulton Hogan

Unfortunately, this year we had no applications for Project of the Year and so we are going to reassess the criteria to make it more flexible and accessible by our members.

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Business Partners 2016-2017



Underwriting Agencies of Australia Pty Ltd
Contact: Matthew Ziegler
Ph: 09 980 3447
Email: mattz@uaa.com.au



PERCEPTION
GROUP

Perception Group (NZ Print)
Contact: Glenn Leenderts
Ph: 04 801 7892
Email: glennl@perceptiongroup.co.nz



The Skills Organisation
Contact: Wayne Abel
Ph: 0508 SKILLS (0508 754 557)
Email: waynea@skills.org.nz

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Training & Education

For the period 2015-2016, The Skills Organisation recorded 5870 trainees undertaking crane training. Of those 96 completed the New Zealand Certificate in Crane Operations.

Overall there was a 179% increase in participation in training.

During the year we held meetings with the Private Training Establishments that undertake crane training and discussed the expectations of the Association in relation to training standards. It was pleasing to find that the PTE's were working to improve their processes and were of a similar mind to the Association. In the past the training space has been predominantly the domain of the contract and workplace trainer/assessors, however, the PTEs are localising training through their branches which makes it more accessible to the industry.

Summary

During the last period the Council and Executive Office have worked on the strategic initiatives identified in last year's strategic report.

The key areas of finance, membership and communications have been focused on and the results for this period have shown the work that has gone into this area.

Finance

There was a 35% increase in income and only a 15% increase in expenditure for the period. Income diversification showed as follows:

Year Ending	Subscription Income	Alternate Income
2014	76%	24%
2015	63%	37%
2016	60%	40%

The debt to Crane Training has been reduced by 48% on the previous year and this will reduce by about 20% further in the coming year.

At the 2015 Annual General Meeting, a remit was passed to establish a fighting fund and this went out in the November renewal accounts as a line of column on the invoices. That money is being held in a separate account and reported against the Balance Sheet.

Membership

Membership increased by 16% for the period. This due to the constant renewal of the prospect list and the communications between the Executive Office and the potential members.

Communications

Prior to last year communications was ad hoc and this period saw the instigation of the Digest series of emails that contained micro commentary with links to full articles on relevant issues and news at the time. This was followed up by the hard copy Dispatches Newsletter. The Digests tells us how many are reading the articles and there was a 19% average increase in readership for the period.

Communications around the conference and to prospective members has improved as well and that is reflected in 181 delegates and partners and 26 first timers attending conference of which three of those are new members.



Rodney Auton
CEO



Scott McLeod
President



Strategic Plan

The strategic plan was approved by the AGM at the conference and the following is an overview.



Technical subcommittee

The Technical Subcommittee has completed the VDAM and our submission has been lodged with the agency.

The Yellow Paper was released by the Hon Craig Foss on the 8th July. Areas that we focussed on were:

- Having cranes recognised as specialist vehicles;
- Changing the indivisible ruling to allow crane sections to be carried as a divisible load;
- Retaining boom head colours;
- Pilots being able to take all practicable steps to ensure safety on the road for all road users including the over-dimensional load/vehicle;
- Include some definition such as mega tyre and weighing tolerances.

The Technical Committee are also working on amending the vehicle axle index that will allow heavier axle weights on the cranes based on proven statistics about the tyres that are specific to cranes that have less pavement wear.

The committee is also working with a legal team on revising the terms and conditions for crane hire.

People make the difference

Human error is the predominant cause of Crane Accidents.

Cranes are dynamic machines.

They demand and deserve the respect and safety consciousness of everyone associated with their use, maintenance and operation.

People are the biggest influence on safe working conditions.

The single most important factor in preventing injury and death on the job is having competent and reliable personnel, who are safety conscious.

Competent and reliable people are those who:

- **Have acquired through a combination of qualifications, training or experience the knowledge & skill to perform the task required;**

Effective instruction and training in the basic safety principles of crane operation and accident prevention measures are essential and vital requirements for all people involved with cranes.

From the Council

The latest Council meeting was held on the 27th July with the following agenda.

1. Meeting Opened
2. Apologies:
3. Minutes of meeting held on 24 May 2016
4. Matters arising from the minutes (not covered by the Agenda)
5. Action Items
6. Finances
7. Strategic Plan
8. Annual Report
9. Conference Report
10. Any Other Business

Approved Minutes of all Council meetings can be read at:

www.cranes.org.nz/crane-association-council-papers.html

New Members

We welcome the following new members:

- | | |
|------------------------------|--------------------------------------|
| • Hawkes Crane Hire | • P A Construction Equipment Pty Ltd |
| • Mark Peacock | • Heavy Lift Designs |
| • Design Production Ltd | • BVT Consulting Ltd |
| • Connell Contractors South | • iskills Ltd |
| • Storck Technical Services | • Mighty River Power |
| • Ashton Crane Hire | • Power Farming Manawatu Ltd |
| • Oil Imports Ltd | • McKee Fehl Constructors Ltd |
| • Wiri Wholesale Timber | • Preston Hire (NZ) Ltd |
| • Keene Krib 2000 Ltd | • Hawkes Bay Crane Hire 2015 Ltd |
| • Nauhria | • Mahalo Transport Ltd |
| • Contract Landscapes Ltd | • Donald W Butcher & Company Ltd |
| • Port Otago Ltd | • Ashburton Crane Hire 2015 Ltd |
| • Steelworks New Zealand Ltd | • HES New Zealand Ltd |
| • Farra Engineering Ltd | |
| • Northport Ltd | |
| • Port of Tauranga | |
| • M S Engineering Ltd | |

Education and Training Subcommittee

The Education and Training Subcommittee has focused on the Targeted Review of Qualifications (TRoQ), to reduce the number of qualifications from nine to three

We are developing a career path within the qualifications to give school leavers options that will take them through into supervisory and management roles within the industry.

The committee is developing a Certificate of Competency (Licensing) for crane operators and dogmen. It's likely that high-risk occupations like cranes will require a licence from 2018. We believe it's best that the Association implements and manages this process before an outside organisation is directed to. We will publish more information as things develop and hold workshops around the technical processes.

Social Responsibility

Companies are often asked what social responsibility they have to their communities..

Social responsibility suggests that an organization is obliged to involve itself in its local community. The crane industry has done this enthusiastically. This story comes from Auckland and the community role that NZ Cranes has taken up.



Harcourts Mt Eden asked NZ Crane to deliver a Wendy House to Maungawhau Primary School in Mt Eden. The house

was to be transformed into a work of art by the children of the school and then auctioned to raise funds for the Te Puea Memorial Marae at Mangere Bridge.

Deane Manley, Managing Director at NZ Cranes, says the marae does valuable work so his company leapt at the chance. "It's a worthy project. I'm sure that the kids will do a great job of the art work and we hope the auction goes well and the money raised will help the marae carry on the great work they are doing in the community," he says.

Digital Crane Magazines Online

In the member's area of the Crane Association Website under Industry news, there are a number of digital magazines available to our members for free.

Members news	Dispatches Newsletter
Cranes Today – UK and Europe with a world view	Crane Association Council papers
Crane Training Board papers	Lifting Matters
Cranes and Access	CICA News
Ridley Levitt Bucknell Crane Index	Builders and Contractors
Contractors World	Linked in Members Forum

Historical Information

The Association has copies of every Annual Crane Conference report and the minutes from the time the Association started in 1975. These are held in the office for any member to come and view.

Association Job Portal

If you are placing recruitment ads for new staff, then don't overlook the association website as an option to place your ad. Ads are kept on the site for a month unless filled or need an extension. This is a free service for Association members.

You can view the job portal at www.cranes.org.nz/job-portal.html

Innovation

To stay competitive, we must continually come up with innovative new products, services and ways of doing business.

Crane Training Shop

The Crane Training Shop is one such innovation that supports the industry through access to resources that can benefit their businesses.

The latest offerings on the shop are:

- Lite Gantry Checks Pad – a pad of fifty pages of daily checks for gantry cranes
- Standard Gantry Checks Pad – A pad of 25 carbonised pages of daily checks for gantry cranes.



The Crane Association has created SafeCrane to provide guidance on how to create a safe workplace for cranes.

It is a free resource online that contains everything needed for crane operations. It and includes resources for crane:

- Users,
- Owners,
- Operators, and
- Dogman/Riggers.

Crane Safety Manual v3.1

The latest version of the Crane Safety Manual is now available through the shop. It has been updated with the new Health & Safety at Work Act 2015 and Regulations 2016.

Cranes: State of the Nation

A dispatch from The Skills Organisation

It would be an understatement to say it's been a good year for New Zealand's crane industry.

The growth in crane trainee numbers has been incredible – we have gone from around 740 to more than 3,530 continuing trainees in the space of just a year. With more people actively working towards cranes qualifications, this can only point to a brighter future for New Zealand's building sector.

As we digest these great results, however, it's important to think long-term and ensure we're guiding our trainees in the right direction. While it's good to see so many people working hard to complete their unit standards, employers should be encouraging their staff to pursue full qualifications.

There is a world of difference between having a handful of unit standards, and holding a completed qualification at the end of the training programme.

So what is the benefit in your

employees gaining a full qualification?

Most importantly, by completing the full qualification, cranes professionals will have a more well-rounded set of skills that encompasses health & safety. Not only will they be more compliant with recent changes in health & safety legislation, they will also have the practical skill set to assess workplace risks and protect your business in the long run.

Don't leave it to chance – make sure your staff have the know-how to keep your business safe by completing their full cranes qualification.

How we're improving training for cranes

In addition to encouraging trainees to complete their qualifications, The Skills Organisation is taking a number of steps to support further growth in the cranes industry.

This starts with the Targeted Review of Qualifications (TRoQ) to assess whether our cranes qualifications continue to meet

industry standards. The cranes TRoQ is progressing well, with Unit 3789 (Sling regular loads and communicate during crane operations) one of the key unit standards under review.

We're also talking with more private training establishments to see if we can deliver quality cranes qualifications, and ensure they are delivered to a high standard.

Lastly, remember that we also offer a large range of qualifications that can upskill your staff and take your company to the next level. These include national qualifications in occupational health & safety, project management, first line management, business administration, and many more.

As ever, The Skills Organisation remains committed to supporting and growing New Zealand's crane professionals. If you have any questions or comments, please feel free to drop us a line on 0508 SKILLS (0508 754 557).



Qualifications that add real value.

skills.

The Skills Organisation
www.skills.org.nz



From the Archives

Going back to the beginning and looking at who was who and what was being done at the 2nd Annual Power Crane Conference held in Rotorua, July 1976.

Council

President: M Whiley	Vice-President: D Nuttal
Council Members:	
J.C.Beattie	D.Caley
M.Ferguson	I.W.Lysaght
N.McDermott	W. McIntosh
W.J.Vivian	National Secretary: C.I.Blindoe
Executive Officer: M.E.D.Maggs	66 Full Members
12 Associate Members	

Report of Council

Generally speaking, the Association has experienced a good year.

The Council has been encouraged by the progress made and the recognition accorded the organisation, especially when it realised the short time the Association has been in existence.

Negotiation with National Roads Board

This Association has combined with three other allied organisations, viz. NZ Contractors Federation and the N.Z. Heavy Haulage and Road Transport Association in the submission as a joint venture to the National Roads Board, representations concerning the provisions of the Board's Overweight's permit Policy as it relates to:

- a. The protection of road facilities from loadings which may lead to premature structural deterioration.
- b. The consistent processing of permit applications with a minimum of administration and technical effort.
- c. The provision of guidance to the transport industry on road-ing limitations to enable development of better vehicles for carriage of extra heavy loads.
- d. The provision of guidance to the designers and manufacturers of heavy items requiring transport by road.

This approach was based on the premise that there is a need for closer liaison between the relevant policy making and enforcement authorities and the parties to the submission for more and simpler information on regulatory needs and regimes.

Hire Rates

A sub-committee of Council has been investigating the feasibility of issuing some form of hire rate guide and the parameters for use by members for the calculation of different rates.

Personnel Training

Council was fortunate to arrange with the Contracting Industry Training Council for a successful four-day course for power crane supervisors which was held in March 1976.

Refund of Sales Tax

Members were advised late in 1975 that all cranes should be registered as Class C and application be made for a refund of sales tax for spare parts, including tyres and batteries.



Safe; Reliable and Accurate Clearance Measurement

LORD Civil are proud to introduce the safe and cost effective Suparule range of handheld ultrasonic measurement meters designed to accurately measure overhead cable heights, sag and clearances with the minimum of effort.

These handheld units are the present day alternative to measuring poles and laser systems that either place operators in harm's way or are difficult to operate accurately. From a deployment perspective operators of the Suparule are easily trained and the push button operation ensures ease of operation

What makes the Suparule range unique is that the technology utilises ultrasonic signals to identify the distance to a range of vertical and horizontal targets. The meter emits from the cone transmitter a short burst of sound; the instruments processor then calculates the time taken for the sound to be reflected from the target back to the Suparule Meter. The result is then shown as a distance measurement on the user display. Additionally the height of stacked cable targets can be identified separately. The unit features temperature compensation and with features such as this deliver the 0.5 % accuracy of these units

From a capability perspective the Suparule can identify up to 6 stacked aerial cable targets down to 2.5 mm at 10 metres and out to 25 mm cables at 23 metres height (model dependent) along with horizontal targets out to 45 metres (when used with the DT80 dynamic target)

KEY FEATURES

- Quick Measurement saving time and money
- Extremely safe — No physical contact to obtain the measurement of overhead conductors
- Very Accurate — measures to accuracy of 0.5%
- Simple and easy to use – 3 button operation
- Compact and light weight
- Maintenance free
- 2 year Warranty



"No better instrument for cable distance measurement"

Call us now to discuss
0800 485 990
www.lordcivil.com

TECHNICAL BULLETIN

3-TONNE 'TITAN' BRAND CHAIN BLOCK

INCIDENT

Lower load hook became detached from the hook block.

CIRCUMSTANCES

The chain block was inspected and certified by an independent third party as fit for continued service approximately six months prior to the incident.

The chain block had been used, albeit only twice, prior to the day of the incident and on both occasions had been cleaned, lubricated and inspected as fit for continued service prior to being stored.

On the day of the incident no defects or damage was noted during the days work.

After transport back from site, prior to inspection, it was noticed the load hook had failed and fell out of the bottom block.

INVESTIGATION

On closer inspection it was noted that the plug, that holds the ball bearings in the crosshead that anchors the hook and allow the hook to swivel, was missing.

This in turn had allowed the bearing balls to escape allowing the hook to become detached.

Close inspection showed no significant wear or fatigue on any component.

We are aware of a similar failure to a chain block in Australia: www.beaver.com.au/documents/Bunzl_Beaver_M5x3_0000047250v1.pdf

GUIDANCE

Approved Code of Practice for Load-Lifting and Rigging

LEENZ Code of Practice



RECOMMENDATIONS

All equipment with similar systems for securing the load hook to the block should be closely examined prior to ongoing further use

It is important that inspections are carried out by competent persons.

Lifting equipment inspections are clearly documented, recorded and held on a register.

Inspections are carried out prior to use of any and all items of lifting equipment (ACoP s 5.10).

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