

CASTINGS

NEWS & VIEWS

JUNE 2016

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Message from the Chairman

Last month I had the good fortune to spend three days with Joe, Ian and Bill on the Casting Technology stand at EMEX. Although it was a bit taxing on the feet and back we had a good time with a constant flow of people asking about our capabilities, looking at castings and asking what casting was all about. A&G Price and Supreme also had stands there so casting was well represented.

The Wellington conference isn't far away and we have a good level of attendees so far but if you haven't registered yet get in soon. There are limited sponsorship opportunity's still available, if you are interested contact Bill also if you have an apprentice or trainee put their name forward for a conference subsidy.

Looking forward to seeing you in Wellington.

Dean Armiger
Chairman

Auckland Branch: Twenty members and visitors enjoyed an informative evening at AUT Auckland on 28th June. The information evening was entitled 'Rapid Casting through Additive Processes' and started with a presentation by Associate Professor Sarat Singamneni on an overview of rapid casting techniques for the foundry industry. This was followed by a tour of the AUT Additive Manufacturing Facilities. There was ample opportunity to discuss the capability and capacity of the machines with much attention being paid to surface finish and time to complete a mould. AUT would like to become more involved with foundries and their problem jobs and the comment from Sarat and Andy Hilton (AUT Business Development) was that we should put the problem in front of them. Similar to Callaghan Innovation they have an interest in innovative research and some funding available if warranted. AUT supplied an excellent supper and refreshments as we continued the discussion. Sarat Singamneni will be presenting a paper at our conference this year.



Jack Frost a well-known foundry identity and regular attender at our conferences was taken ill last month and regretrfully advised that he cannot travel to our conference this year. This is disappointing as I suspect that he would have contributed greatly to the discussions on John Campbell's presentations. Jack is back at home now and we wish well for his recovery.

Mecca Group Ltd: Due to a change in business interests of the major shareholder of Mecca Group Ltd, Christchurch, the plant, equipment and ongoing orders for the range of products manufactured by the business are available for sale. Mecca Group Limited, a private manufacturing company, is a recognized name in New Zealand as a manufacturer of metal products and components.

Mecca's manufacturing facilities consist of a non-ferrous and Aluminium Diecasting foundry, a repetitive machine shop including high technology C.N.C. machinery to complete the process. A notice of the sale has been emailed to members and is also included later in this newsletter. Let us hope that the assets can be sold in their entirety to a party who will continue growing the business.

Bill Lovell
Industry Champion

“LET’S CAPITALISE ON THE TECHNOLOGY FOR ULTIMATE CASTING QUALITY”



The response to this year’s conference has been very positive with far more early registrations received before the end of June than in previous years. We have also had a good early response to the invitation for sponsorship. Hopefully there is more to come as financial support plays a very important part in being able to organize a valuable conference experience.

Our conference for 2016 is to be held at the Intercontinental Hotel in Wellington from the 19th to 21st August.

We will start proceedings on the afternoon of Friday 19th with an industry tour to Callaghan Innovation’s research facility at Gracefield.

Our Keynote speaker for this year’s conference is Professor John Campbell from the University of Birmingham, UK. John is an Englishman of Scottish descent, educated at Cambridge, Sheffield and Birmingham as a physicist and metallurgical engineer; he has spent most of his life in foundries where he thinks he has made more castings than he has had hot dinners.



Also presenting will be Dr Damian Carder (Callaghan Innovation), Milo Kral (Canterbury University), Benjamin Smith (Magma), Assoc. Professor Sarat Singamneni (AUT) Richard Seymour-Wright (Technipro) and a senior representative from WorkSafe NZ.

This year we are adding a further session on Sunday morning after our AGM as John Campbell has another interesting presentation and plan to finish the conference at 11:30am.

Our partners should take advantage of the central location with easy access to boutique shopping and cultural experiences such as Te Papa Museum. They will then get together for lunch at Wellington's renowned Crab Shack restaurant, a short distance from the hotel.

Conference accommodation at the Hotel Intercontinental can be booked directly via the below link.

Casting Technology Accommodation Link

This link will expire after **5th July 2016**. Past this date, accommodation bookings will be subject to availability, and subject to the Best Flexible rate.

Employment - Job Vacancies

There have been six recent enquiries from people with foundry trade skills wishing to seek employment in New Zealand.

- **Emanuel Carmona**: Indianapolis. Email; ecarmona1225@gmail.com
- **Anthony Gowthaman**: Bahrain. Email; antony__gowthaman@yahoo.co.in
- **Rohit Kumar Venugopal**: Germany. Email; rohit.kumar.venugopal@rwth-aachen.de
- **Dani Ravindranath**: India. Email : daniravindra72@gmail.com
- **Ferdunandt Lategan**: South Africa. Email; ferdiel284@gmail.com
- **Ryan Cabatbat**: Philippines. Email; ryancabatbat@yahoo.com

Members wishing to receive CVs for any of these people please contact; Bill Lovell; bill.lovell474@gmail.com. I would be interested in hearing from any member who successfully employs someone from these applicants.

WorkSafe NZ Exposure Standards

WorkSafe New Zealand has issued the 8th edition of the *Workplace Exposure Standards and Biological Exposure Indices* publication. You can download the document ;

<http://www.business.govt.nz/worksafe/information-guidance/all-guidance-items/workplace-exposure-standards-and-biological-exposure-indices>

Workplace exposure standards (WES) and biological exposure indices (BEI) are important values for monitoring worker exposure to particular substances and assessing whether the risks to worker health are being managed effectively.

The principal changes from the previous edition of the publication are summarised in the Preface on page 3 and include:

- *Updated requirements to reflect the new Health and Safety at Work legislation*
- *Additional guidance on the application of WES*
- *New WES values for respirable crystalline silica, diesel particulate matter and asbestos.*

The new WES values are:

- *Silica –crystalline (all forms) - 0.1mg/m³ for the respirable fraction as an 8-hour time-weighted average exposure.*
- *Diesel particulate matter - measured as elemental carbon - 0.1mg/m³ as an 8-hour time-weighted average exposure.*
- *Asbestos (all forms) – 0.1 asbestos fibres per millilitre of air, averaged over an 8-hour period.*

Any questions regarding WES or BEI should be directed to Philippa.gibson@worksafe.govt.nz.

Conferences and Events

Casting Technology NZ Annual Conference

Where; Hotel Intercontinental, Wellington.

When; 19th-21st August.

Contact; bill.lovell474@gmail.com

19th Global Foundry Sourcing Conference 2016

Where; Qingdao, China

When; 22nd September 2016

Contact; <http://en.fsc86.com>.

AFI 51st & 16th ADCA Conference 2016

'Casting Excellence – Innovation & Success'

Where: Deakin University – Waterfront Campus, Geelong, Victoria, Australia.

When: 9th to 11th October 2016

Register: <http://www.afivictoria.org.au/registration/>

EMEX 2016

Three of our members took advantage of the CTNZ subsidized stand at this year's Emex exhibition and all commented that this year was better than 2014 for interest shown by the trade visitors. As Industry Champion I was on the stand each day and all of us were continuously busy each day for the 3 days answering genuine enquiries and questions about foundries and the latest product developments.

CTNZ board has again decided to reserve stand ET20 for the 2018 Emex show as it is proving to be a great chance for our smaller operations to exhibit their capabilities for minimal cost. The expo is at ASB Showgrounds from 1st to 3rd May 2018 and we will contact our members when the date gets closer



Mecca Group Ltd Sale, Christchurch

Due to a change in business interests of the major shareholder the plant, equipment and ongoing orders for the range of products manufactured by the business are available for sale. Buyers are given the option of purchasing the entire assets of the company to tie in with their existing business plan. This would also equally suit an investor wishing to enter the Engineering and Foundry industry with the opportunity to purchase the assets of a long established company. Mecca Group Limited, a private manufacturing company, is a recognized name in New Zealand as a manufacturer of metal products and components.

Founded in 1945, by George and Sydney Chaney, with second generation Charl Chaney taking over the reins of Management and expanding the Company over the past thirty years. Mecca has achieved recognition and respect at home and overseas for high quality product and adopting an innovative approach to challenging trends. Mecca's manufacturing facilities consist of a non-ferrous and Aluminium Diecasting foundry, a repetitive machine shop including high technology C.N.C. machinery to complete the process. Specializing in all lathe turning, repetition automatic turning, general specific machining and all types of Non Ferrous castings in Bronze, and Aluminium. Stainless Steel casting available upon request. Mecca currently manufactures an extremely diverse range of high quality products. Copper tube pipeline flanges, Brewery and Marine equipment, Bathroom Vitreous China Bracketing equipment and associated hardware products are supplied to international companies in New Zealand, Australia and worldwide.

For further details contact Alastair 021 473-270
~Specialist Auctioneers to Commerce & Industry~



Board Members Email Contacts

Should you have any queries or require assistance, please feel free to contact a Board member.

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(Industry Champion/Secretary)	