

In This Issue

[From the President](#)

["Movers" & "Makers" - Dinner and Awards for Excellence](#)

[Seminar Review - Forensic Engineering in Concrete Structures](#)

[Seminar Preview - Shear in Concrete](#)

[Did You Know?...The CIA and Standards Committees](#)

[Featured Sponsors](#)

UPCOMING EVENTS

23 OCTOBER
[Shear in Concrete](#)

8 NOVEMBER
[OneSteel Steel Mill Site Visit](#)

13 NOVEMBER
[Tunnelling](#)

25 NOVEMBER
[Formwork](#)
(National Seminar)

2013 NSW Branch Sponsors



SUBSIDIARY OF AUSTRALIAN OXIDES PTY. LTD.
FINE COLOUR AND PRODUCTS FOR CONSTRUCTION

From the President

Dear Member,

It is an honour to take on the role of President of the NSW Branch of the Concrete Institute of Australia, an organisation which I have been in touch with in various ways for many years.



As Chairman of the Organising Committee for Concrete 09, and briefly as acting CEO in 2008, I came in contact directly with the wide cross section of people who are active in the organisation and the concrete industry.

As President, my focus will be to connect with the younger engineers - from students to young professionals who will be the future of the CIA and to seek their involvement in all our activities. Concrete is a well-known but constantly challenging and changing material which should never be taken for granted.

I am looking forward to an active year ahead of interesting and varied events to enhance its application.

Malcolm Boyd
NSW Branch President

"Movers" & "Makers" - Dinner and



**Ash Development
Association of
Australia**



Awards for Excellence Concrete 2013

Friday, September 6th saw 100 of the NSW concrete industry's best and brightest attend the annual "Movers" & "Makers" event at Doltone House, Jones Bay Wharf.



Attendees were entertained by our MC, [Murray Hartin](#), who not only had people in stitches with his trademark poetry but gave people a thought provoking insight into some of the problems faced by those Australians currently trying to make a go of life on the land.

Mixed in with Murray's wonderful story telling and the great food and drink provided by our hosts at Doltone House, was the serious business of the NSW Branch 2013 Awards for Excellence. An overview of each of the seven entries was presented which highlighted some of the great work currently being undertaken in NSW using concrete.

The NSW Branch would like to thank all those companies who submitted entries or were involved in the nominated projects and congratulate them for the great work on display. We would especially like to congratulate the following companies who received Awards for Excellence or Highly Commended citations:

enstruct group - Award for Excellence for 1 Bligh Street, Sydney

Neeson Murcutt Architects / City of Sydney - Highly Commended for the Prince Alfred Park Pool building

Bulk Water Alliance - Highly Commended for the Enlarged Cotter Dam

We wish enstruct group the best of luck as they go on to represent NSW when the national awards are announced at



[Concrete 2013](#) being held on the Gold Coast from October 16th.

We would like to thank the **Concrete Pipe Association of Australasia** for providing the lucky door prizes and [Sika Australia](#) for coming back for their second consecutive year as Gold Sponsor of the event.

We would especially like to thank Brad Boardman and [Maccaferri Australia](#) for their continued support of the "Movers" & "Makers" event. This was their fourth year in a row as Platinum Sponsor and the way they have embraced this event has contributed significantly to its success over the last four years and to its future.

Thanks also to everyone who attended the event, we hope you had a great night. We also hope to see you and your colleagues next year when we again celebrate the "Movers" & "Makers" of the concrete industry in NSW.

Duncan Miller
NSW Member Services

Seminar Review - Forensic Engineering in Concrete Structures

19th Sept 2013
PARKROYAL
Parramatta



The Sydney session of the CIA National Seminar Series, "Forensic Engineering in Concrete Structures", was held at the Park Royal, Parramatta, on 19 September 2013. The seminar was well attended by consultants, RMS engineers, and contractors.

The very knowledgeable presenters, including Sydney locals **Grahame Vile** (BAAM Consulting), **Warwick Johnson**

[CLICK HERE](#)
For Sponsors weblinks



SUBSIDIARY OF AUSTRALIAN OXIDES PTY. LTD.
FINE COLOUR AND PRODUCTS FOR CONSTRUCTION



**Ash Development
Association of
Australia**



(Brookfield Multiplex) along with **Peter Airey** (Airey Taylor Consulting) from Perth, provided delegates with an excellent range of issues that forensic engineers need to consider from design error, construction oversights, natural disasters and corrosion related problems. This was wrapped up by insurance broker **Darren Pavic** (BRIC) who provided an overview of PI related issues that forensic engineers may wish to consider.

Overall it was an excellent day that was well appreciated by the attendees!

David Millar
Seminar Day Chair

Seminar Preview - Shear in Concrete

23rd October 2013
Harbourview Hotel, Nth Sydney



The next NSW seminar is on Shear in Concrete and will feature three well respected speakers - **Anthony Cronau** from ITW Construction Systems ANZ speaking about "Punching Shear Design / Design and Test Results for Headed Shear Reinforcement", **Colin Gurley** from TAFE NSW Sydney Institute speaking about "Shear in Reinforced Concrete Beams", and **Philip Blundy** from AECOM speaking about "Design for Shear and Torsion for Concrete Bridge Structures Proposed for AS5100".

Running from **5pm to 8pm** this seminar will be valuable for all those involved in the analysis and design of concrete structures. It will give you insights from leading designers, academics and industry professionals, who will describe how the extensive research into the shear behaviour of concrete can be applied to practical design and construction



applications, including design for shear and torsion in pre-tensioned bridge beams and practical solutions to punching shear in concrete slabs.

[Click here](#) for more information and to register.

John Katsiris
Seminar Convenor

Did You Know?

The CIA and Standards Committees

The nomination of Members to represent the Institute on Standards Australia committees is a core function of the Concrete Institute of Australia. The Institute forms



Reference Groups for all committees for which the Institute has a Nominated Representative presiding on active Standards Australia committees. The Reference Groups are composed of Members who possess specialist knowledge in an area and whose collective views are deemed to be representative of the views of the Institute's Members.

The CIA is currently represented on Australian Standards committees and Working Groups for:

- BD-010 (Cement)
- BD-066 (AS 3850 - Tiltup Construction)
- BD-090 (Bridge Design)
- BD-049 (AS 1379 - Specification & Supply of Concrete)
- BD-031 (AS 3582.1, 2, 3 - Supplementary Cementitious Materials for Use With Portland Cement)
- BD-042 (AS 1012 - Methods for Testing Concrete)

[Click here](#) for more information on CIA involvement on Australian Standards committees.



Quick Links...

- [CIA Website](#)
- [Events & Seminars](#)
- [Knowledge Centre](#)
- [About Us](#)
- [CIA Contacts](#)

NSW Branch Newsletter

Editorial Committee

Roy Butcher
Technical Services Manager -
Engineered Material Solutions

Zoe Schmidt
National Technical Manager -
Sika Australia

Duncan Miller

Featured Annual Sponsors

BASF



With Master Builders Solutions, BASF

introduces a global brand of advanced chemical solutions for construction. The brand builds on the strengths of many existing BASF brands and products and represents our experience of more than 100 years in the construction industry.

The Master Builders Solutions brand brings all of BASF's expertise together to create chemical solutions for new construction, maintenance, repair and renovation of structures. Master Builders Solutions is built on the experience gained from more than a century in the construction industry.

The comprehensive portfolio under the Master Builders Solutions brand encompasses lasting solutions for construction, maintenance, repair and renovation of structures.

[Click here](#) for more information.

OneSteel

**Sydney Steel Mill
Site Visit - 8th
November 2013 -
Rooty Hill**



Arrium is an international mining and materials company with three key businesses: Mining, Mining Consumables and Steel & Recycling.

Arrium's integrated OneSteel business comprises OneSteel Manufacturing, Australia's long products steel manufacturing business; OneSteel Distribution, Australia's largest steel distributor and reinforcing steel supplier;

NSW Member Services -
Concrete Institute of Australia

**[Click here to view
previous issues](#)**

UPCOMING EVENTS

23 OCTOBER

Shear in Concrete

8 NOVEMBER

OneSteel Steel Mill Site Visit

13 NOVEMBER

Tunnelling

25 NOVEMBER

Formwork
(National Seminar)

Join Our Mailing List!

and OneSteel Recycling, which includes operations in Australia, Asia and North America.

Sydney Steel Mill incorporates one of OneSteel's three electric arc furnaces (EAF) capable of producing 600-700,000 tonnes of steel annually. The long products rolling mill is capable of producing more than 300,000 tonnes of finished product annually.

In collaboration with the SRIA the CIA is running a site visit to the Sydney Steel Mill which offers the opportunity to see a state of the art steel manufacturing operation.

[Click here](#)

for more information and to register.

If you have any questions about NSW Branch activities or the Concrete Institute in general please contact...

Duncan Miller
NSW Member Services
Concrete Institute of Australia

Email - nsw@concreteinstitute.com.au
Phone - 02 9955 1744