

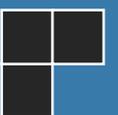


AUGUST 2015



CONCRETE CONNECTIONS

WWW.ACRASSOC.COM.AU



Concrete Connections

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Would you like to have your project featured in our next issue?

Contact ACRA via email info@acrassoc.com.au

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Cover Photo – Boral Plant in Berrima. Courtesy of Buildcorp Assest Solutions

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Concrete Connections



Welcome to this edition of Concrete Connections.



Message from the President.

Where has the year gone.

Our last board meeting provided some great news and feedback on a number of activities. Our last NSW event “ACRA Awards Review” pulled together by Konrad Stempniak and the seminars committee received some fantastic feedback. You know you’ve put on a great night when you receive a number of membership forms the following day, so congrats to all involved. We have a number of events coming up around the country side in WA, QLD and NSW. Not only will these be informative and educational, they provide a great networking opportunity for our industry.

There has been a lot of questions coming through with regards to the updated two day course on concrete repair. The review of the course is well underway with plans to complete a dry run with the ACRA board before the end of the year. It will be great to provide a revitalised version of the two day course to all our members who’ve been through the ACRA one day concrete repair course and the broader concrete remediation community.

Thank you to all our state based committee member who are helping ACRA provide training and seminars around the countryside. These things don’t happen all by themselves and all of your effort is really appreciated. If you’d like to find about joining a local state branch please get in touch with Nicole Raymond info@acrassoc.com.au this state based opportunity is open to all ACRA members.

Our AGM is on the cards for October this year. If you’ve been thinking about getting involved in ACRA in a more professional capacity now is your chance. I’m more than happy to discuss what’s involved with being a board members or any other ACRA related matters. Feel free to contact me directly on 0407 488 849 or Daniel@ceind.net.au to have a chat.

~ Daniel Rowley, President.

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ACRA-nyms

Welcome to our newest section of Concrete Connections where we will introduce to you one of our members in each edition.

In this edition, let's get to know ACRA member Grahame Vile from Baam Consulting who is also one of our ACRA Course Concrete Repair and Protection trainers.

Name - Grahame Vile Position in company – Director Company name - Remedia Consulting t/as BAAM Consulting

1. How long have you been working at Baam Consulting - Since 2002

2. What piqued your interest in the remedial industry - The investigative process. As a younger remedial engineer, the realisation that concrete doesn't last forever, its deterioration can be complex, and some structures really need palliative care!

3. What has been your most exciting project you've been involved in to date. - Assisting in the condition assessment of the (since demolished) post-tensioned roof girders at the old Queen Elizabeth stand at Randwick Racecourse. Interesting for the unexpected discovery of failed strands within the hollow box girders. Ask me again in 10yrs, might have something more spectacular.

4. What's been your greatest career accomplishment to date - Staying in business for 13years, and keeping it simple.

5. We all started somewhere, what do you think your first boss would say about you now, and what was your first real job- First real (regular) job was kitchen hand-waiter (later waiter-bartender) in local Chinese restaurant. He'd possibly say: "Where are the fork and spoons?"

I'm happy to say that I am still in touch with my boss from my first engineering job after graduation (civil and structural design), and we now refer work to each other.

6. What motivates you to keep doing what you're doing. - Problem solving and creating solutions to a structures remedial challenges. Every week brings new challenges, similar but different.

7. Now to get personal, what song best describes you - That's not easy – it depends a lot on who's perspective! But "Always look on the bright side of life" rings true for me. "Just a Gigolo" is more aspirational, but I do love the David Lee Roth version from all the way back in the 80's.

8. What are you looking forward to doing when you retire, what's your retirement dream - To me retirement means being able to choose what I will do in my day: I suspect I'll be a crusty old rusticle still doing diagnostic work on the way to my wake ...Which will feature a live band and maybe "Just a Gigolo" playing. Retirement might well mean occasional consulting, writing and travelling around this awesome rock we live on.

Thank you Grahame for your time with this interview and for your support of ACRA.



Contact BAAM Consulting to organize a free consultation.

Phone: 1300 763 319

Email: mail@baam.com.au

Web: <http://www.baam.com.au>

BAAM Consulting are happy to announce the opening of their branch office at Waratah.

Unit 9, 57 Crescent Rd, Waratah.

Phone: 1300 763 319

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Buildcorp *BERRIMA PROJECT*



The Boral plant in Berrima produced around 60% of ACT & NSW's cement for the construction industry. This critical piece of infrastructure was extremely difficult to enter for the purpose of cleaning or maintenance activities.

As part of their 10 year plant shutdown, Boral decided to install an access hatch in the 0.5m thick silo wall, 16m off the ground to allow safer and easier access to the inside of the silo.

Boral engaged Buildcorp Asset Solutions as part of their project team under an Early Contractor Involvement (ECI) arrangement to help aid the design process by providing construction consideration prior to getting to site.

Once the methodology was set and design underway, we assisted in cost planning and risk mitigation to ensure best value and a smooth construction process.

The silo was modelled by the consulting Engineers who devised a "door frame" which also acted as a stiffening frame against the massive forces in the wall once we had made the penetration for the opening.



The silo wall was then scanned and the existing reinforcing bars were marked out so that we could position our fixings around the 3 tightly packed layers of steel. The fixing positions were then cored out and a laser survey was taken of these fixing positions. This survey data was emailed to the fabrication shop and a template was made up ready to position the holes on the steel stiffening frame.



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Core holes were made in each corner of the penetration and the wall was cut using a diamond wire cutting machine. Sections of the demolished wall were lifted down with a crane followed by the installation of the door frame and repair of the penetration edges to provide a smooth and watertight fit to the new frame.

Working through the Christmas period, Buildcorp Asset Solutions delivered an extremely technically challenging, high risk project, on time, incident free and under budget to a very happy client.

Buildcorp Asset Solutions

www.buildcorp.com.au

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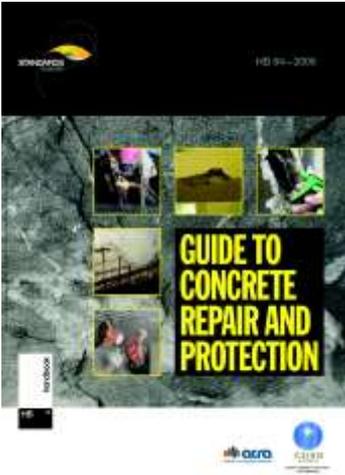
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INDUSTRY NEWS....

ACRA TRAINING COURSE



Recent courses held in VIC, SA and WA were a hit with all attendees. Everyone who attends this full day course receive the full course notes and a copy of the Concrete Repair and Protection handbook.

Soon we will have the ACRA 2 Day certificate course ready to go and all who have attended the 1 Day technical Course will be eligible to attend the 2 Day Technical Training Course.

www.acrassoc.com.au

"It's a great course, I got a lot out of it"
M. Harrington, City of Kingston.

SEMINARS

We have held seminars in NSW, WA, QLD and VIC lately and all states are working on their next seminars. NSW and WA seminar information has just been released. Be sure to check the ACRA website for all dates, times and seminar information. Cost is \$50 for members, \$70 for non-members and free for all students.

Next seminars are: Concrete Repair, Strengthening & Protection – October 22 (NSW)
Lessons Learned From Concrete Repair – November 4 (WA)

AGM will be held on October 22, 2015 at the Harbourview Hotel North Sydney, just prior to the NSW Seminar.

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CONCRETE CANCER A TICKING TIME BOMB FOR MELBOURNE APARTMENTS

By Alistair Walsh – Domain reporter



Waterfront apartment buildings in Melbourne could be riddled with potentially disastrous concrete cancer, a body corporation management firm has warned.

Buildings in the beachfront strips of St Kilda, Elwood, Port Melbourne, Geelong and even Docklands are at risk of developing the structural defect, known as spalling, says chief executive of Ace Body Corporate Management, Stephen Raff.

"Older buildings in areas of high density close to salt water are at risk," Mr Raff says. And he says owners corporations are becoming complacent about the problem.

Edgewater Towers in St Kilda's Marine Parade is a notorious example of how costly concrete cancer can be. The modernist block of 100 apartments sprang up in 1961 but by the 90s spalling was ravaging its balconies. Issues were still being remediated as recently as 2011.

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"It is absolutely vital that when maintenance plans are reviewed, plans for concrete cancer treatment are created or updated and implemented immediately," Mr Raff said.

He says many owners corporations are not setting aside the funds required to treat the problem and is calling for legislation ensuring regular audits and remediation works.

"When steel rusts, it takes up to three times its original volume. So when concrete reinforcing steel rusts, this swelling causes the concrete around it to crack, exposing more reinforcing steel and concrete to the elements. The process repeats itself and spreads until the building is not safe to live in."

Real estate agent Josh Stirling, of Hodges St Kilda, says it makes property very difficult to sell.

"In many of the buildings along the foreshore you should look at the external of the building and think about getting professional advice because the cost can be quite dramatic," Mr Stirling said.

"It certainly can affect the value of a property and it can definitely impact the sale."

Real estate agent Warwick Gardiner, of Greg Hocking Albert Park, says most owner's corporations he deals with are vigilant about concrete cancer.

"It's more common in '70s and '80s brown brick and clinker brick buildings. And it's also pretty common with prefabricated concrete slabs from the '80s," Mr Gardiner says.

"But most owner's corporations are on top of it, they get it checked pretty regularly."

CORROSION & PROTECTION OF REINFORCED CONCRETE A 2 DAY ACA/ACRA COURSE



Adelaide - August 20-21 2015
Perth - September 1-2 2015

Participants will receive a solid body of knowledge on the mechanisms of corrosion associated with reinforced concrete and the best preventive and remedial methods available today, so they can offer more effective solutions to combat this costly problem in the construction industry.

For more information and to register [click here](#) or phone +61 3 9890 4833

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Vale – Guy Weekes



We have been deeply saddened by the loss of Guy Weekes, our Operations Manager, who passed away on 21 February. He has been a friend and mentor to many of us and he shaped the culture and capabilities of MCM in so many ways. His passing will be keenly felt for a long time and our condolences are extended to his widow, Kay and his family.

MCM has benefited greatly from Guy's input and the strong operational foundations he laid over the years have made it possible for us to carry on with our projects to the same high standards he required of all.

Alan Bird (Managing Director)

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Hiring For Our Future



Kennards Hire is preparing to begin their annual charity initiative, 'Kennards For Kids', which kicks off on the 1st of September. Running throughout September and October, the hire chain is looking to make life a little easier for sick, injured and disadvantaged kids around Australia and New Zealand, and help them get the best start to life possible.

For over 10 years the family owned business has used the months of September and October to raise funds and awareness for carefully selected children's charities by donating \$2 from each hire to these worthy causes. Kennards Hire are encouraging businesses and families to get involved this year, after their most successful year in 2014 where they raised over \$350,000 for kids in need in Australia and New Zealand.

This year Kennards will be donating proceeds to Stepping Stone House, Kids Xpress, Variety - the Children's Charity, the Constable Care Foundation and the Children's Hospital Foundation.

"We believe that every child deserves a fair start in life and the opportunity to realise their potential," said Liz Ward, CEO of Kennards Hire. "This is my first year being involved with Kennards For Kids, but it is a project that I have admired and I look forward to working closely with the charities to help break the negative cycles that can begin early on in a child's life."



Anyone is able to throw their support behind Kennards For Kids and the charity-partners by visiting your local Kennards Hire branch and hiring equipment for any building, renovating or spring-cleaning projects you might have throughout September and October.

For more information or to find your closest Kennards Hire outlet visit www.kennards.com.au

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Calendar of Events

Mark your diary!

DATE	MONTH	EVENT NAME	LINK
20-21	AUG	ACA/ACRA Training Course Corrosion & Protection of Concrete Structures (Adelaide)	http://www.corrosion.com.au/Training/Calendar/agentType/View/PropertyID/110
30-2	AUG-SEPT	Concrete 2015 CIA Conference (VIC)	http://concrete2015.com.au/
1-2	SEPT	ACA/ACRA Training Course Corrosion & Protection of Concrete Structures (Perth)	http://www.corrosion.com.au/Training/Calendar/agentType/View/PropertyID/110
22	OCT	ACRA AGM (members only) 4.30pm	www.acrassoc.com.au
22	OCT	ACRA NSW Seminar - Concrete Repair, Strengthening & Protection	www.acrassoc.com.au
TBA	OCT/NOV	ACRA QLD Seminar	www.acrassoc.com.au
TBA	OCT/NOV	ACRA VIC Seminar	www.acrassoc.com.au
4	NOV	ACRA WA Seminar - Lessons Learned from Concrete Repair	www.acrassoc.com.au
15-18	NOV	ACA Conference - Adelaide, SA	http://www.acaconference.com.au/
3	DEC	ACRA NSW Xmas Drinks	www.acrassoc.com.au
2	DEC	ACRA WA Xmas Drinks	www.acrassoc.com.au
TBA	TBA	ACRA QLD Xmas Drinks	www.acrassoc.com.au
TBA	TBA	ACRA VIC Xmas Drinks	www.acrassoc.com.au

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ACRA INTRODUCES OUR NEWEST EDITIONS TO OUR SUB BRANCH COMMITTEES.

The VIC Sub Branch committee introduce 1 new member.

Andrew Sarkardy, BASF

The WA Sub Branch Committee introduce 2 new committee members.

Bryan Snelling from Parchem, Nenad Blagojevic from Sika, Will Tierney from Freyssinet

If you are interested in being on any of our state branch committee's in Australia and New Zealand, please give the ACRA office a call on +61 2 9645 3692 or via email info@acrassoc.com.au

Each branch is always looking for new people to join their committees with fresh ideas.



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NEW CORPORATE MEMBERS.....



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Phone: +61 8 8447 0611



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Address: John St, Hawthorn VIC 3122
Email: jsanjayan@swin.edu.au
Phone: +61 3 9214 8034

Are you interested in becoming a corporate member of ACRA?

Call us today or click on the link to register online and to view all corporate membership entitlements

Membership means **more.**

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ACRA CORPORATE MEMBERS



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