

AHUG 2015

Australasian HRSG Users Group Conference and Workshops

8 - 10 December 2015, Sydney

Novotel Sydney Central



www.ahug.co.nz

The Australasian HRSG Users Group (AHUG) will conduct its annual meeting in Sydney on 8-10 December.

AHUG 2015 will feature presentations on plant operation, maintenance, layup, and chemistry. It will also feature interactive discussions with presenters, equipment specialists and users. A day of workshops will be conducted on the Thursday. All attendees will be encouraged to raise specific technical problems with their HRSGs, and then participate while other attendees join in to share their experiences and debate solutions.

Who should attend?

Managers, engineers, operators, maintenance personnel, equipment suppliers, consultants, and plant service providers. In fact, anyone with an interest in the design, operation, layup, maintenance, or chemistry of an HRSG.

Use your attendance towards your annual Professional Development points

Visit the AHUG2015 conference website for further information:

www.etches.com/ehome/ahug2015

A trade exhibition will be held throughout the conference with represented companies associated with all aspects of HRSGs.

Why not profile your own company and sign up now to exhibit?

REGISTER NOW:

www.etches.com/ahug2015

AHUG: **8-10 DECEMBER ' 2015**

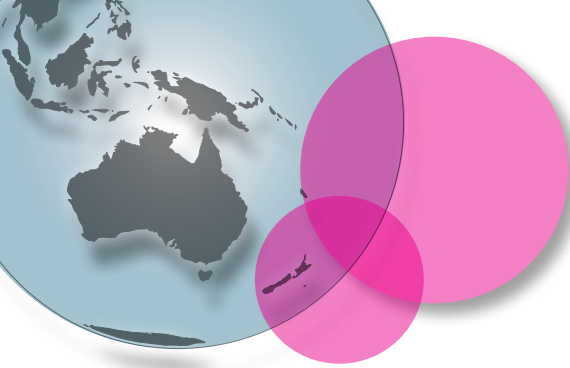
or TAKE OUT A SPONSORSHIP and/
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by completing the form on the
back page.



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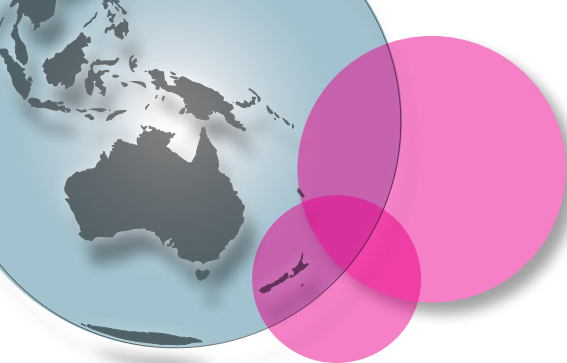
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8 - 10 December 2015 - Sydney

Day 1 Tuesday, 8th December 2015

- 7:15 Registration
- 8:00 to 8:15 Opening Remarks.
Barry Dooley, Structural Integrity, UK, and
Robert Anderson, Competitive Power Resources, USA.
- 8:15 to 9:00 General Open Floor Discussion and Questions
- 9:00 to 9:30 HRSG Operation Modes Dictated by Gas Prices and Plant Design
Colin Gwynne, Aurecon, Australia, *Aletta Botha* and *Michael Dignan*, Origin Darling Downs,
Ivan Currie, EnergyAustralia Tallawarra, and *Christian Knott*, Osborne Cogen.
- 9:45 to 10:15 Morning coffee/tea within exhibits
- 10:15 to 10:45 Presentations on Plant Updates
- *Final Storage of the Swanbank Unit and Maintenance of the Unit in Longterm Storage.*
John Blake, Stanwell Corporation Limited, Queensland, Australia.
- 10:45 to 11:30 General Open Floor Discussion and Questions
- 11:30 to 12:00 Sampling Strategies and Challenges for Cycling Power Plants.
John Powalisz and *Jeff McKinney*, Sentry Equipment Corporation, USA.
- 12:00 to 13:20 Working Lunch within Exhibits
- 13:20 to 14:00 Otahuhu Power Station HRSG - Significant Maintenance Events during the Life of the Plant.
Mark Utley, Contact Energy, New Zealand.
Anita Zunker, PEI, New Zealand
- 14:00 to 14:30 HP Steam Valve Damage at Darling Downs Power Station.
Pieter Wessels, Origin Energy, Australia.
- 14:30 to 15:00 Validation of PAUT for Complex Geometries in Combined Cycle Plants.
Chris Charlesworth, ALS Industrial Power Services, Australia.
- 15:00 to 15:30 Afternoon coffee/tea within exhibits
- 15:30 to 16:00 Expansion Joint Technology in CCGT Plants.
Jon Tarrant, DEKOMTE, UK.
- 16:00 to 16:30 General Open Floor Discussion and Questions
- 17:00 Day 1 Concludes
- Networking, Social Gathering and Drinks within Exhibits.





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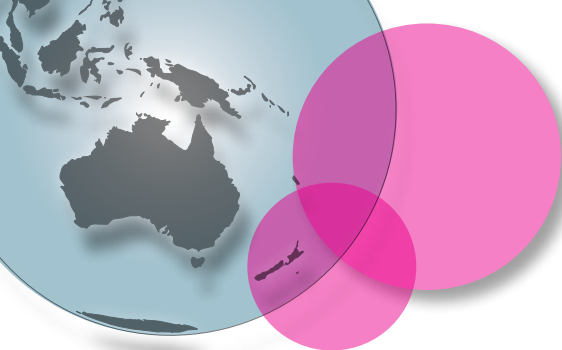
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Day 2 Wednesday, 9th December 2015

- 8:00 to 9:00 General Open Floor Discussion and Questions
- 9:00 to 9:30 [Flexible/Fast Start HRSG Operation and Optimised Cycle Chemistry.](#)
David Addison, Thermal Chemistry, New Zealand
- 9:45 to 10:15 Morning coffee/tea within exhibits
- 10:15 to 11:00 Short Presentations on Recent Advances and Plant Updates
- [Update on Cycle Chemistry Control and FAC.](#)
Barry Dooley, Structural Integrity, UK.
 - [Update on Thermal Assessments.](#)
Robert Anderson, Competitive Power Resources, USA.
- 11:00 to 11:30 General Open Floor Discussion and Questions
- 11:30 to 12:00 [High Energy Piping Analysis and Inspection Considerations.](#)
Chris Jones, Quest Integrity, Australia.
- 12:00 to 13:15 Working Lunch within exhibits
- 13:15 to 13:45 Presentations on Recent Advances and Updates
- [Legislative and Standards Update Applicable to HRSG Owners.](#)
Darren Sullivan, ALS Industrial Power Services, Australia
- 13:45 to 14:30 General Open Floor Discussion and Questions
- 14:30 to 15:00 Presentations on Recent Advances and Updates
- [Ultrasonic Control of SH/RH Drains.](#)
Robert Anderson, Competitive Power Resources, USA
- 15:00 to 15:30 Afternoon coffee/tea within exhibits
- 15:30 to 16:00 Presentations on Plant Updates
- [The Latest IAPWS Updates.](#)
Barry Dooley, Structural Integrity, UK
Gary Joy, Retired Australia (Chair of AUSAPWS).
- 16:00 to 16:30 General Open Floor Discussion and Questions
- 17:00 Day 2 Concludes





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Day 3

Thursday, 10th December 2015

Workshops

8:00 to 10:00

Workshop 1: *Inspection Planning for HRSGs.*

Charles Thomas, Quest Integrity, New Zealand

The concept of risk based inspection planning is well established and documented in recommended practices such as API RP 580 and 581. In the case of HRSGs, the operation and function of many components is similar from one design to another. Similarly, the risk levels, damage mechanisms and hence inspection requirements are to a significant degree consistent. The aim of the workshop is to work through the components in a typical HRSG and by consensus, agree those that have the potential to suffer damage and generate risk for safety or availability. The discussion will aim at identifying the active damage mechanisms and generate generic inspection test plans for at risk components.

10:00 to 10:30 Morning coffee/tea within exhibits

10:30 to 12:30

Workshop 2: *Planning the Pathway for Future Life Assessment in HRSGs.*

Dave Ross, ALS Industrial Power Services, Australia.

The process of building the data required for life assessment and the relevance which would be illustrated with some case studies, and the introduction of remaining life programmes.

12:30 to 14:00 Working Lunch within exhibits

14:00 – 16:00

Workshop 3: *The Use of Advanced Boiler Alloys for HRSGs*

Jeff Henry, Applus RTD, USA.

The workshop will address the newer material alloys being used in HRSG tubing, piping and headers: T/P 23, 24, 91 and 92.

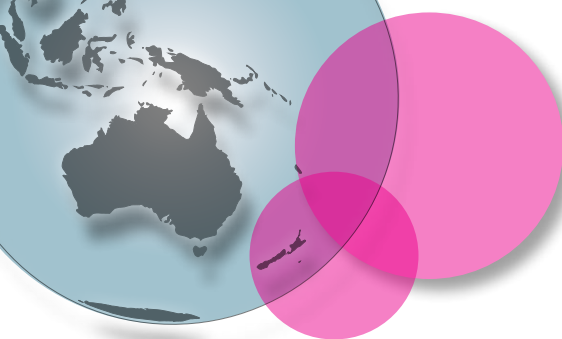
16:30

Day 3 Concludes .. refreshments available

Keep up-to-date by visiting the AHUG 2015 Conference website:
www.etchouches.com/ehome/ahug2015

Visit the website to Register, download an Exhibition & Sponsorship Prospectus, and for any new information.

**ONLY 4 EXHIBITION BOOTHS REMAINING -
BOOK YOUR BOOTH NOW.**



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Conference Committee

AHUG 2015 is chaired by Barry Dooley, Structural Integrity Associates with the assistance of a Steering Committee consisting of:

- » Bob Anderson, Competitive Power Resources
- » John Blake, Stanwell Corporation
- » Mark Utley, Contact Energy
- » Hayden Henderson, Petrofac
- » David Addison, Thermal Chemistry
- » Des McInnes, EPRI

Sponsorship & Exhibition Opportunities

Sponsorship and exhibition opportunities are available at the conference again this year. Information on the various opportunities is highlighted in the prospectus Please download a prospectus from the conference website: www.etches.com/ehome/ahug2015/exhibition.

If you are interested in giving your company valuable marketing exposure, please complete the registration form on the last page.

For further information contact The Meetings Manager
tel: +61 2 9810 7322 email: meetings@tmm.com.au

AHUG would like to thank their current 'Name-badge' sponsor:



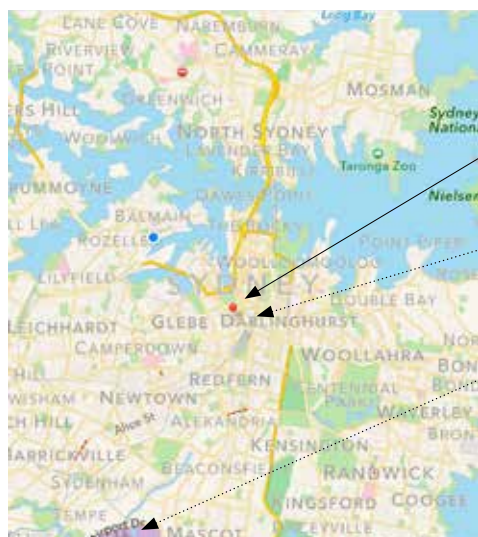
Why not join them and sponsor something too?



Please note:
This is an Indicative floorplan only
and is subject to change.
Booths 8-17 only currently on sale.
Size: 3m wide x 2m deep x 2.4m high

Venue in 2015

AHUG 2015 is moving to Sydney! This year we will be at the edge of Sydney's central business district close to transport, restaurants and entertainment. The conference and workshops will be held in the Bennelong Point and Farm Cove Rooms with the exhibition in the light filled foyer on the first floor of the Novotel Sydney Central.



Novotel Sydney Central
169-179 Thomas Street, Sydney
www.novotelsydneycentral.com.au

Central Railway Station

Sydney Airport



Australasian HRSG Users Group (AHUG) - Conference & Workshop

8-10 December 2015, Sydney, NSW

Registration Form

Register online at: www.etches.com/ahug2015

or complete the form & fax to The Meetings Manager Fax: +61 2 9810 7320 or scan & email to meetings@tmm.com.au



TITLE:

FIRST NAME:

LAST NAME

POSITION:

ORGANISATION:

ADDRESS:

CITY:

STATE:

POST CODE:

TELEPHONE: ()

EMAIL:

Registration: (all prices are in Australian dollars and include 10% GST)		Pay by 27 September	Full Registration fees after 28 Sep.
<input type="checkbox"/>	AHUG Conference & Workshops (8, 9 & 10 December) Fee includes: refreshments and lunches on Tuesday, Wednesday and Thursday, and Networking Drinks on Tuesday evening.	\$1350.00 <input type="checkbox"/>	\$1450.00 <input type="checkbox"/>
<input type="checkbox"/>	AHUG Conference Only (8 & 9 December) Fee includes: refreshments and lunches on Tuesday and Wednesday, and Networking Drinks on Tuesday evening.	\$1240.00 <input type="checkbox"/>	\$1340.00 <input type="checkbox"/>
<input type="checkbox"/>	Workshops (10 December) Fee includes: entry to both workshops (Thursday), refreshments and lunch.	\$910.00 <input type="checkbox"/>	\$1010.00 <input type="checkbox"/>
<input type="checkbox"/>	Sponsorship or Exhibition option: Please list your sponsorship and/or booth preference: _____		

Accommodation - Novotel Sydney Central, 169-179 Thomas Street, Sydney

A conference room block as been arranged @ AUD\$239.00 room only or AUD\$259.00 room + breakfast for one. Please provide your credit card details to guarantee your booking. These details will be sent to the hotel and you will be responsible for settling your account directly with the hotel on your departure. **Hotel cancellation policy: Cancellations made within 7 days of your arrival date will incur the cost of all nights booked.**

My booking - Standard king or twin room \$239.00 ☐ Standard king/twin room + breakfast for one \$259.00 ☐

Please reserve for the following dates Arriving / Departing /

Please forward my below credit card details to the hotel to secure my booking ☐

Payment Details (By completing this form you agree to the Terms and Conditions at www.tmm.com.au)

Please charge the following credit card: Mastercard ☐ Visa ☐ Amex ☐

A cheque payable to The Meetings Manager Pty Ltd is enclosed ☐ Direct debit: Please invoice me with your EFT details ☐ (50% ☐ or 100% ☐ for sponsor/exhibitor)

Card number

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Expiry date / CCV No. Total Paid \$ (50% ☐ or \$100 ☐ for sponsor/exhibitor)

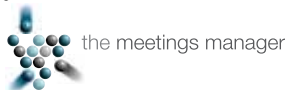
Signature

Cardholders name

Cancellations: If you are unable to attend, a substitute delegate is welcome at no extra charge. Where no substitute is available, a fee of \$165 will be deducted from your registration fee for cancellations received by The Meetings Manager in writing at least 28 days prior to the event. Thereafter no refunds will be made.

Our Privacy Policy: By registering for this conference, relevant details will be held on a database by AHUG and The Meetings Manager. An attendee list will be provided to all participants (name, position and organisation only). If you do not wish your information to be used in this manner, please advise The Meetings Manager.

Conference Organiser:



The Meetings Manager Pty Ltd
Suite 16/7 Rosebery Place
Balmain NSW 2041

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Website: www.tmm.com.au