

AHUG 2014

Australasian HRSG Users Group Conference and Workshops

9 - 11 December 2014, Brisbane

Brisbane Convention & Exhibition Centre



www.ahug.co.nz

The Australasian HRSG Users Group (AHUG) will conduct its fifth annual meeting in Australia on 9-11 December.

AHUG 2014 will feature presentations on plant operation, maintenance, layup, and chemistry. It will also feature interactive discussions with presenters, equipment specialists and users. Three workshops will be conducted during this event. One half-day workshop will focus on repair of HRSG pressure parts. A second two-hour workshop will focus on improved performance of severe duty control valves. A third two-hour workshop will focus on shutdown, layup and preservation of HRSGs. 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.

There will also be a number of exhibits associated with all aspects of HRSGs.

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.



Conference Organiser



the meetings manager

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PROGRAM*

Day 1 – Tuesday, 9th December 2014

- 7:15 **Registration**
- 8:00 to 8:15 **Opening Remarks.**
 Barry Dooley and Robert Anderson
- 8:15 to 9:00 **General Open Floor Discussion and Questions**
- 9:00 to 9:30 **A New Approach to Steam Cooling for Increased Efficiency and Flexibility in Modern Steam Plants.**
 Matthias Dirbach, HORA, Holter Regelarmaturen GmbH & Co. KG, Germany
- 9:45 to 10:15 **Morning coffee/tea within exhibits**
- 10:15 to 10:55 **Presentations on Plant Updates**
- **Modelling Evaporator and Condenser Leak Rates from Drum Chemistry Instrumentation.**
 Anees Shukur, Auckland University of Technology, New Zealand
 - **SCC of HRSG Carbon Steel External Casing.**
 Dale Franke, ALS Industrial Power Services, Australia
- 10:55 to 11:30 **General Open Floor Discussion and Questions**
- 11:30 to 12:00 **General Ice Blasting in the Power Industry: HRSG Tube Fouling and Cleaning.**
 Keith Boye, Precision Iceblast Corporation, USA
- 12:00 to 13:15 **Working Lunch within Exhibits**
- 13:15 to 13:45 **Presentations on Plant Updates**
- **Exfoliated Scale Experience for T91 North Bangkok Power Plant.**
 Thrittawan Bunnag and Jutima Intichit, Electricity Generating Authority of Thailand
 - **Operator Presentation**
- 13:45 to 14:30 **Extended Open Discussion on DCS Trends for Run-up / Shutdown for Operators.**
- 14:30 to 15:00 **Drum Level Control.**
 Peter Hoerlein, Stanwell Corporaton, Australia
- 15:00 to 15:30 **Afternoon coffee/tea within exhibits**
- 15:30 to 16:00 **Steam Purity Monitoring.**
 David Addison, Thermal Chemistry, New Zealand
- 16:00 to 16:30 **General Open Floor Discussion and Questions**
- 16:30 to 17:00 AUSAPWS and IAPWS discussion
- 17:00 **Day 1 Concludes**
- 17:00 to 18:30 **Networking, Social Gathering and Drinks within Exhibits.**

Day 2 – Wednesday, 10th December 2014

- 8:00 to 9:00 **General Open Floor Discussion and Questions**
- 9:00 to 9:30 **HRSGs and Compliance to AS3788.**
 Darren Sullivan, ALS Industrial Power Services, Australia
- 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





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Day 2 – Wednesday, 10th December 2014 continued

11:00 to 11:30 **General Open Floor Discussion and Questions**

11:30 to 12:00 **HRSG Planning Inspection Management.**

Charles Thomas, Quest Integrity, New Zealand

12:00 to 13:15 **Working Lunch within exhibits**

13:15 to 14:00 **Presentations on Recent Advances and Plant Updates**

- **Practical Experience with Bang&Clean® Method Cleaning HRSGs Faster and More Efficiently.**

Markus Bürgin, Bang&Clean Technologies AG, Switzerland

- **Stress Corrosion Cracking Findings.**

Anita Zunker, Pressure Equipment Integrity, New Zealand

14:00 to 14:15 **General Open Floor Discussion and Questions**

14:15 to 14:45 **Experiences with Hydrogen Damage Detection.**

Chris Jones, Quest Integrity, Australia

14:45 to 15:15 **Afternoon coffee/tea within exhibits**

15:15 to 16:00 **Presentations on Plant Updates**

- **Operator Presentation.**
- **The Latest IAPWS Guidance Documents for Combined Cycle Plants: Iron Monitoring and HP Evaporator Sampling.**

Barry Dooley, Structural Integrity, UK

16:00 to 16:30 **General Open Floor Discussion and Questions**

17:00 **Day 2 Concludes**

Day 3 – Thursday, 11th December 2014. Workshops

8:00 to 12:00 **Workshop 1:
HRSG Repairs**

William Kitterman, Bremco Inc, USA

In this workshop discussion will focus on repairs of a wide range of HRSG components including internal pressure parts (tubes and headers), external piping (attemperators, valves etc), internal HRSG components (liners, perforated plate, stack damper etc), and balance of plant external to the HRSG (penetration seals, etc)

12:00 noon **Working Lunch within exhibits**

13:00 – 17:00

Workshop 2:

i) **Innovative Solutions on Control Valves for an Increased Efficiency in Flexible Combined Cycle Plants.**

Matthias Dirbach, HORA, Holter Regelarmaturen GmbH & Co. KG, Germany, and K. Wood, Power-flow Solutions Pty, Australia. (2 hours).

In this workshop the basics of control valve sizing and selection are briefly described, the challenges are explained to introduce finally proven designs which have been successfully installed in modern combined cycle plants.

ii) **Shutdown, Layup and Preservation of HRSGs.**

This workshop provides two examples of shutdown and preservation.

- a) John Blake and Willem Belgraver, Stanwell Corporation, Australia (1 hour)
- b) Morris Young, Contact Energy, New Zealand
Anita Zunker, Pressure Equipment Integrity, New Zealand (1 hour)

17:00

Day 3 Concludes

Keep up-to-date by visiting the AHUG 2014 Conference website:

<https://www.etchouches.com/ehome/ahug2014/Home/>

**ONLY 4 EXHIBITION BOOTHS REMAINING..
BOOK YOURS NOW.**

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

**Program is subject to change*

Australasian HRSG Users Group (AHUG) - Conference & Workshop

9-11 December 2014, Brisbane, QLD

Registration Form

REGISTER ONLINE AT: WWW.ETOUCHES.COM/AHUG2014

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: () MOBILE: EMAIL:

DIETARY OR MOBILITY REQUIREMENTS:

Registration: (all prices are in Australian dollars and include 10% GST) PRICES HAVE NOT INCREASED - SAME AS IN 2013!!		Full Registration
<input type="checkbox"/>	AHUG Conference & Workshops (9, 10 & 11 December) Fee includes: refreshments and lunches on Tuesday, Wednesday and Thursday, and Networking Drinks on Tuesday evening.	\$1190.00 <input type="checkbox"/>
<input type="checkbox"/>	AHUG Conference Only (9 & 10 December) Fee includes: refreshments and lunches on Tuesday and Wednesday, and Networking Drinks on Tuesday evening.	\$1080.00 <input type="checkbox"/>
<input type="checkbox"/>	Workshops (11 December) Fee includes: entry to both workshops (Thursday), refreshments and lunch.	\$750.00 <input type="checkbox"/>

Accommodation - Rydges Hotel South Bank, 9 Glenelg Street, Brisbane, +61 7 3364 0800

Rooms are now subject to availability as our original room block has been exhausted. There are still a few room available at the Rydges Hotel South Bank @ AUD\$254.00 room only or AUD\$284.00 room + breakfast for one. Please provide your credit card details to guarantee your booking and will be provided to the hotel if you fail to check in. You will be responsible for settling your account directly with the hotel on your departure.

Hotel cancellation policy: Cancellations made within 14 days of your arrival date will incur the cost of all nights booked.

My booking - Standard queen room \$254.00 Standard queen room + breakfast for one \$284.00

Please reserve for the following dates Arriving / Departing /

I have provided my credit card details below to secure my booking

Payment Details (by completing this form you agree to the Terms and Conditions found at 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

Card number

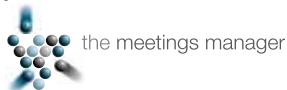
Expiry date / CCV No. Total Paid \$

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 and provided to the Major Sponsor. 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:



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