

ABHUG 2025



Australasian Boiler & HRSG Users Group Conference and Workshops

Tuesday 25 - Thursday 27 November 2025

Brisbane Convention & Exhibition Centre

Website: <https://na.eventscloud.com/ehome/abhug2025/home>



www.abhug.nz

The Australasian Boiler and HRSG Users Group (ABHUG) will conduct its annual meeting in Brisbane, Australia on Tuesday 25 - Thursday 27 November 2025.

Since 2019 AHUG has been known as ABHUG (Australasian Boiler and HRSGs Users Group), to include all aspects of HRSGs, as well as additional technical areas common in fossil and HRSG plants - such as tube failures, steam turbine failures, high energy piping, valves and regulatory issues and cycle chemistry control aspects.

The 2025 conference will include a workshop on an important topic of interest. All attendees will be encouraged to raise specific technical problems with their Boilers, HRSGs, Steam Turbines and Valves, and then participate while other attendees join in to share their experiences and debate solutions. There will also be a number of exhibits and sponsors associated with all aspects of Boilers and HRSGs.

REGISTER NOW

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 boilers and HRSGs.*

MECCA CONCEPTS

For more information on the
Conference, workshops,
exhibitions
and sponsorship, please contact
the
Conference Secretariat
Mecca Concepts Pty Ltd
Rachel Washington -
rachel@meccaconcepts.com.au



Photo courtesy of Barry Dooley

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Conference and Workshops

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Brisbane



Day 1 – Tuesday 25th November 2025

- 8:30 Registration
- 9:00 to 9:15 **Introductory Remarks by ABHUG Co-Chairs.**
[B. Dooley](#) Structural Integrity, UK and [R. Anderson](#) Competitive Power Resources, USA.
- 9:15 to 9:45 **Update and Statistics on HRSG Thermal Transients.**
[R. Anderson](#), Competitive Power Resources, USA
- 9:45 to 10:15 **Installation of P91 Replacement Attemperators at Loy Yang A.**
[J. Cruickshank](#), AGL Energy, Australia
- 10:15 to 10:45 Morning coffee/tea within Exhibits.
- 10:45 to 11:15 **Reduction of Synchronous Vibration in HP/IP Turbine Rotor Assembly through Hot Straightening and Re-machining.**
[R. Smith](#), NRG Gladstone, Australia.
- 11:15 to 11:45 **HRSG Efficiency Innovations Featuring AVOS+ Ammonia Vaporization Optimization System.**
[M. Smith](#), Thermic Systems, USA
- 11:45 to 12:30 Questions and General Open Floor Discussion
Sponsor Presentations
- 12:30 to 14:00 Working Lunch within Exhibits.
- 14:00 to 14:30 **HRSG Efficiency Improving GT Performance.**
[R. Esposito](#) and [J. Bause](#), Groome Industrial Service, USA.
- 14:30 to 15:00 **L-O Blade Cracks for 350MW Units.**
[G. Visser](#), CS Energy, Australia
- 15:00 to 15:30 Questions and General Open Floor Discussion
Sponsor Presentation:
- 15:30 to 16:00 Afternoon coffee/tea within Exhibits.
- 16:00 to 16:30 **Update and Statistics on HRSG and Boiler Cycle Chemistry Control and FAC.**
[B. Dooley](#), Structural Integrity, UK.
- 16:30 to 17:00 **IAPWS, AUSAPWS and NZAPWS Updates**
[B. Dooley](#), Structural Integrity, UK., [D. McAllister](#), Loy Yang B, Australia and [D. Addison](#), Thermal Chemistry, New Zealand.
- 17:00 to 17:30 Questions and General Open Floor Discussion
- 17:30 Day 1 Concludes
- 17:30 to 19:00 Networking, Social Gathering and Drinks within Exhibits. "Brisbane Evening".

ABHUG is kindly supported by:



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Day 2 – Wednesday 26th November 2025

- 8:30 to 8:45 Review of Day One. Exhibits and Discussion
- 8:45 to 11:45 **Mini-Workshop on Film Forming Substances (FFS)**
- 8:45 to 9:15 ***The Latest International Activities on Film Forming Substances from Seven International FFS Conferences.***
B. Dooley, Structural Integrity, UK. and D. Addison, Thermal Chemistry, New Zealand.
- 9:15 to 9:45 ***An Update on FFS Implementation and HRSG Tube and Drain Failures.***
V. Yeo, NewGen Power, Australia
- 9:45 to 10:15 ***AGL's Experience with Film Forming Substances.***
M. Harris, AGL Energy, Australia
- 10:15 to 10:45 Morning coffee/tea within Exhibits.
- 10:45 to 11:15 ***FFS Application Roadblock: Navigating License and Unknown Decommissioning Timeline.***
R. Vogler, Territory Generation, Australia
- 11:15 to 11:30 ***Update on Millmerran HP8 Feedwater Heater.***
A. Abolis and D. Ross, SRG Global, Australia
- 11:30 to 12:15 Questions and General Open Floor Discussion
Sponsor Presentation:
- 12:15 to 13:15 Working Lunch within Exhibits.
- 13:15 to 13:45 ***Importance of Reheater Isolation and Avoiding High Pressure Superheater Loop Seal Formation During Layup.***
R. Anderson, Competitive Power Resources, USA
- 13:45 to 14:15 ***HP Economiser SCC Cracking at Diamantina Power Station (Mount Isa, QLD).***
L. Nyakudya and L. Suta, APA, Australia
- 14:15 to 14:45 Questions and General Open Floor Discussion
Sponsor Presentations:
- 14:45 to 15:15 Afternoon coffee/tea within Exhibits.
- 15:15 to 15:45 ***An Update on Advanced Ultrasonic Technology Applicable to In-service Inspection of Pressure Parts.***
C. Jones, Baker Hughes, Australia
- 15:45 to 16:15 ***A Kaleidoscope of Boiler Activities at Torrens B.***
G. Gray, AGL Energy, Australia
- 16:15 to 16:45 Questions and General Open Floor Discussion
- 17:00 Day 2 Concludes
- 18:30 to 21:30 ABHUG Dinner - The Greek Club – 29 Edmondstone Street, South Brisbane

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Day 3 – Thursday 27th November 2025

- 8:30 to 8:45 Review of Day Two, General Open Floor Discussion and Questions
- 8:45 to 9:15 ***Large Movement Penetration Seals with Remote Monitoring.***
J. Waterhouse, Dekomte, UK
- 9:15 to 9:45 ***Assessment and Follow-on Activities at Pinjarra CoGen.***
M. Pesca, Alinta Energy, Australia
- 9:45 to 10:15 Questions and General Open Floor Discussion
Sponsor Presentation:
- 10:15 to 10:45 Morning coffee/tea within Exhibits.
- 10:45 to 11:15 ***Stress Induced Creep Damage from an Interference Fit.***
I. Markic, HRL, Australia
- 11:15 to 11:45 ***Planning for a Successful Chemical Cleaning Project.***
D. Addison, Thermal Chemistry, New Zealand.
- 11:45 to 12:15 Questions and General Open Floor Discussion
Sponsor Presentation:
- 12:15 to 13:45 Working Lunch within Exhibits.
- 13:45 to 14:15 ***Repair of Deaerator and Feedwater Storage Vessels - Including Case Studies of Significant Repairs.***
S. Bond, Bond Engineering, Australia
- 14:15 to 14:45 ***Implementation of a RTDMS (Real-Time Damage Monitoring Software) Trial at Vales Point Power Station.***
A. Abolis, SRG Global, Australia and J. Prater, Delta Electricity, Australia
- 14:45 to 15:15 Afternoon coffee/tea within Exhibits.
- 15:15 to 15:45 ***Cut Maintenance Costs: Real-Time Monitoring of Attemperator with Clamp-On Ultrasonic Meters.***
Z. Agnaev, Emerson Flexim, Germany
- 15:45 to 16:15 ***Challenges in Optimisation: A Deep Dive into Drum Level Imbalances***
A. Yusri, HRL, Australia and L. Byrnes, Origin, Australia
- 16:15 to 16:45 Questions and General Open Floor Discussion
- 17:00 Day 3 Concludes

Keep up-to-date by visiting the ABHUG 2025
Conference website:

REGISTER NOW

<https://na.eventscloud.com/ehome/abhug2025>

Visit the website to Register and for any new
information.

ABHUG 2025 is chaired by
Barry Dooley, Structural Integrity Associates, and
Bob Anderson, Competitive Power Resources,
with the assistance of a Steering Committee consisting of:

David Addison, Thermal Chemistry, New Zealand
Russell Coade, HRL, Australia
Stuart Mann, AGL, Australia
Duncan McAllister, Loy Yang B, Australia
Ian Rawlings, CS Energy, Australia
Anita Zunker, PEI, New Zealand



REGISTER ONLINE AT:

<https://na.eventscloud.com/abhug2025>

REGISTRATION	Pay on or before September 30	Full Registration
ABHUG Conference & Workshops Fee includes: refreshments and lunches on Tuesday, Wednesday and Thursday, Networking Drinks on Tuesday evening and Conference Dinner on Wednesday evening.	AUD\$1550.00 (inc GST)	AUD\$1700.00 (inc GST)

Accommodation - Novotel Brisbane South Bank, 38 Cordelia Street, South Brisbane

Rooms are subject to availability. Room rates are AUD\$295.00 room only or AUD\$330.00 room + breakfast for one. One night's accommodation fee is due on registration. 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 30 days of your arrival date will incur the cost of all nights booked.

Registration payment by credit card or bank transfer.

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 MECCA Concepts 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 ABHUG and MECCA Concepts. 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 MECCA Concepts.

Conference Organiser:

MECCACONCEPTS

Contact: Rachel Washington, Director MECCA Concepts Pty Ltd

Mobile: 61 (0) 412 996 711

Email: rachel@meccaconcepts.com.au

ABHUG is kindly supported by:

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ABHUG 2025

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Conference and Workshops

Sponsorship & Exhibition Opportunities

(All prices include GST)



Gold Sponsorship : (AUD) \$8500.00

Sponsorship of this item includes...

- Company name and logo displayed
 - » on all promotional material
 - » on conference website page (with link to sponsor website)
- Opportunity to display banner in the conference room (pull up banner only to be provided by the sponsor)
- Opportunity for a 15 minute presentation to address attendees
- One complimentary double exhibition booth
- Three complimentary registration to all conference activities
- Acknowledgement on Conference Program
- Logo on sponsor loop played throughout the conference

Conference Dinner : (AUD) \$5500.00

The Conference Dinner will be held at the conclusion of Day 2. Sponsorship of this item includes...

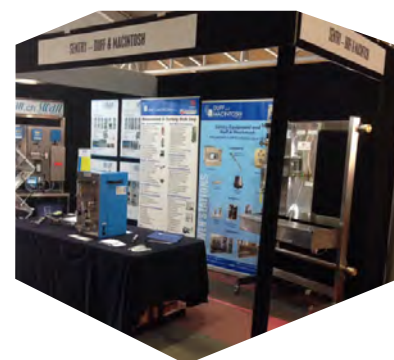
- Address delegates at the beginning of the dinner
- Pull up banner/s displayed throughout dinner
- Logo on all conference material
- Logo on Sponsor Loop throughout the conference
- Pull up banner (1) displayed in conference room throughout conference
- 2 Complimentary Conference Registrations
- Logo on sponsor loop played throughout the conference

Exhibition Booths : (AUD) \$3500.00

The conference program and exhibition space has been designed to offer exhibitors maximum networking opportunities with conference delegates. Morning tea, afternoon tea and lunches on Wednesday to Friday will be served in the exhibition display area.

The exhibition package includes the following...

- Shell scheme display stand (3m x 2m x 2.4m with velcro compatible panels)
- Company name on fascia sign (20 characters)
- 2 x 150 watt spotlight per booth mounted on light track inside fascia
- 1 x 10 amp power point per booth
- 1 x dressed trestle table and two chairs (additional furniture can be purchased at own expense)
- Opportunity for a 10 minute presentation to address attendees
- One complimentary registration to all conference activities.
- Additional "Booth Only" (not conference) passes can be purchased for \$600 (max 2).
- Acknowledgement on Conference Program
- Logo on sponsor loop played throughout the conference



Name Badge OR Lanyard Sponsorship :

(AUD) \$2000.00 each

All delegates will be issued with a name badge and lanyard to be worn for the duration of the event.

Sponsorship of this item includes...

- Company logo printed on name badge or lanyard
- Acknowledgement on Conference Program
- Logo on sponsor loop played throughout the conference

Morning Tea/ Afternoon Tea Refreshment Breaks :

(AUD) \$2000.00 for 3 days OR (AUD) \$800.00 per day

There is a total of 3 morning/afternoon tea breaks during the conference.

Sponsorship of this item includes...

- Opportunity to display & hand out promotional material during the sponsored break/s.
- Acknowledgement sign during sponsored day
- Acknowledgement on Conference Program
- Logo on sponsor loop played throughout the conference

Lunch Breaks : (AUD) \$2500.00 for 3 days OR (AUD) \$1000.00 per day

There is a total of 3 lunches during the conference.

Sponsorship of this item includes...

- Opportunity to display & hand out promotional material during the sponsored break/s.
- Acknowledgement sign during sponsored day
- Acknowledgement on Conference Program
- Logo on sponsor loop played throughout the conference

Networking Reception : (AUD) \$2500.00

Networking Reception occurs at the conclusion of the first day.

Sponsorship of this item includes...

- Opportunity to display and give out promotional material during the Networking Reception.
- Acknowledgement sign on refreshment table during the Reception
- Acknowledgement on Conference Program
- Logo on sponsor loop played throughout the event



Sponsorship & Exhibition Form

please return completed form to MECCA Concepts Pty Ltd via email to rachel@meccaconcepts.com.au

TITLE: _____

FIRST NAME: _____

LAST NAME: _____

POSITION: _____

ORGANISATION: _____

ADDRESS: _____

CITY: _____

STATE: _____

POST CODE: _____

TELEPHONE: () _____

FAX: _____

EMAIL: _____

Level of Sponsorship: I agree to the Sponsorship and Exhibitor Conditions and request the following: (all prices include GST)

☐ **Gold Sponsorship : (AUD) \$8500.00**

☐ **Exhibition Booths : (AUD) \$3500.00**

☐ **Dinner Sponsorship : (AUD) \$5500.00**

☐ Additional "Booth Only" passes (max 2 per booth) : (AUD) \$600

☐ **Name Badges** ☐ **Lanyards : (AUD) \$2000.00 each** ☐ **Both \$4000.00**

☐ **Networking Reception : (AUD) \$2500.00**

☐ **Lunch Breaks DAY:** _____

☐ **Refreshment Breaks DAY:** _____

☐ **(AUD) \$2500.00 for 3 days**

☐ **(AUD) \$2000.00 for 3 days**

☐ **OR (AUD) \$1000.00 per day**

☐ **OR (AUD) \$800.00 per day**

Payment Details

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

☐ Please charge 100% of the sponsorship/exhibition item

☐ Direct debit: I would like to pay via EFT, please send me an invoice for 100% of sponsorship item selected

Card number

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Expiry date / CCV No. _____

Total Paid \$

Signature

Cardholders name

(Please Print)

Bank Transfer: Internet Bank Transfer
to the following account details:-
Account Name: MECCA Concepts Pty
Ltd – AHUG Conference Account
Bank: National Australia Bank
BSB No: 083 166
Account No: 89 048 6099
Swift Code: NATAAU3303M

General Terms and Conditions for ABHUG Conference & Workshops 2025

Sponsorship / Exhibition booking is held when sponsor agreement booking form completed and returned to Conference Organiser. An invoice will be sent for the item. Invoices and monies are in Australian Dollars and are GST inclusive. Sponsorship/Exhibition confirmed once payment received. In the event of cancellation, sponsors/exhibitors are required to inform MECCA Concepts Pty Ltd in writing. Unless sponsored item/exhibition can be resold, the Organisers reserve the right to retain monies paid. Promotional activity must not impinge on or directly interfere with any other sponsor/exhibitor. Sponsors and Exhibitors are liable for any damage they cause to the venue and or the exhibition booths. The organiser is not liable for damages or loss to sponsor or exhibitor's property. Exhibitors must be adequately covered for Public and Product liability insurance. It is the responsibility of the exhibitor to arrange appropriate insurance for items within their exhibition. Location of Corporate Company banners will be at the Organisers discretion.