

# AHUG 2016

## Australasian HRSG Users Group Conference and Workshops

**15 - 17 November 2016 Rydges Sydney Central**



The Australasian HRSG Users Group (AHUG) will conduct its annual meeting in Sydney on 15-17 November.

AHUG 2016 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 during the event.

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 AHUG2016 Conference website for further information:*

[www.etches.com/ehome/ahug2016](http://www.etches.com/ehome/ahug2016)

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/ahug2016](http://www.etches.com/ahug2016)

**15-17 NOVEMBER 2016**

REGISTER NOW  
or TAKE OUT A SPONSORSHIP  
and/or EXHIBITION OPPORTUNITY  
by completing the form  
on the back page.

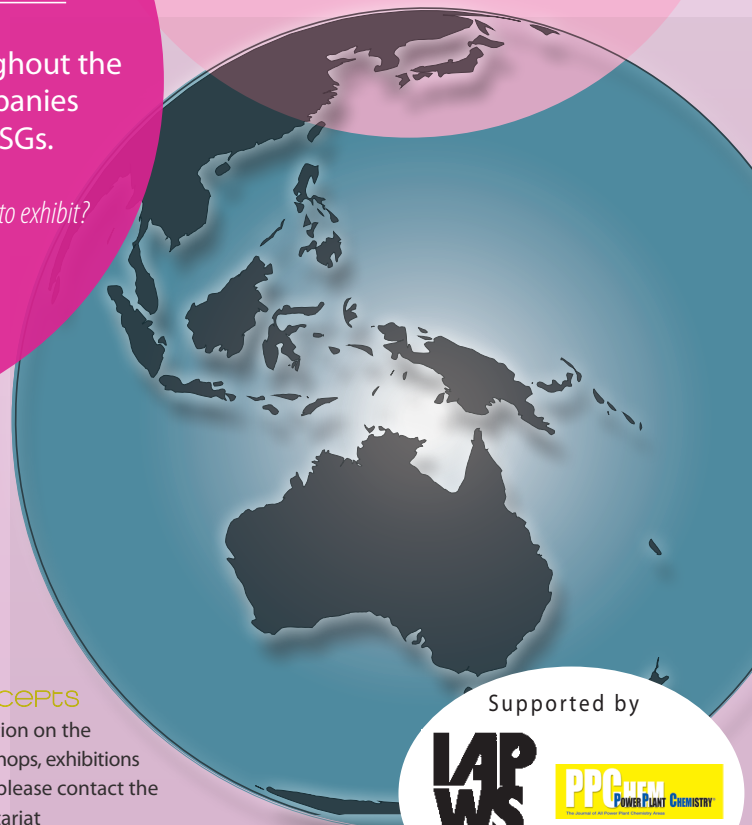


**meccaconcepts**

For more information on the Conference, workshops, exhibitions and sponsorship, please contact the Conference Secretariat

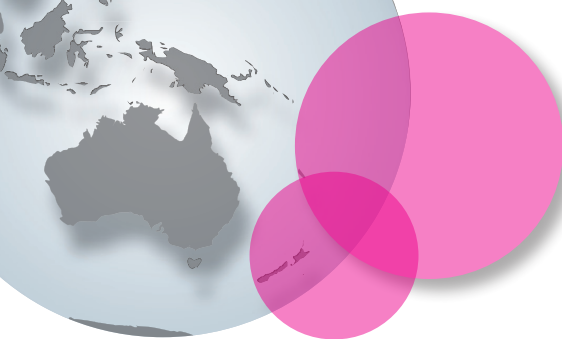
**Mecca Concepts Pty Ltd**

Rachel Washington - [rachel@meccaconcepts.com.au](mailto:rachel@meccaconcepts.com.au)



Supported by





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### Sponsorship & Exhibition Opportunities

Sponsorship and exhibition opportunities are available at the conference again this year. Information on the various opportunities is highlighted on the following two pages. If you are interested in giving your company valuable marketing exposure, please complete the agreement form and send to: [rachel@meccaconcepts.com.au](mailto:rachel@meccaconcepts.com.au)

For further information contact: Rachel on +61 412 996 711

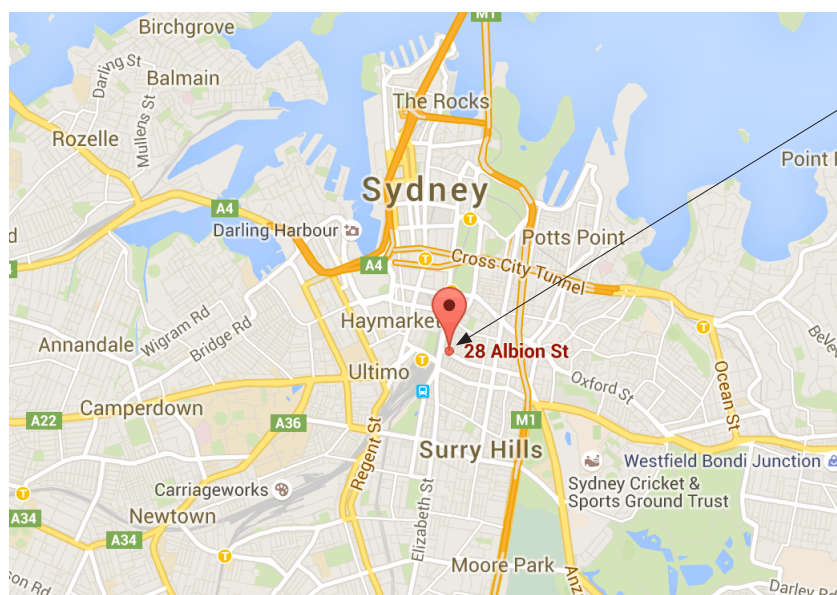
### Conference Committee

AHUG 2016 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

### Venue in 2016

AHUG 2016 will take place at the Rydges Sydney Central Hotel. This hotel is located within the business district of Sydney and close to public transport such as Central railway station, where you have direct transport and links to and from Sydney's Airport. It is also located close to Sydney's Chinatown, the Capitol Theatre and the thriving restaurant precinct around Surry Hills. The conference and workshops will take place in the Oxford Rooms and surrounds on the conference floor of the Hotel.



**Rydges Sydney Central**  
28 Albion Street, Sydney  
[www.rydges.com/accommodation/sydney-nsw/sydney-central/](http://www.rydges.com/accommodation/sydney-nsw/sydney-central/)



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### Program

#### Day 1 – Tuesday, 15th November

7:15	<b>Registration</b>
8:00 to 8:10	<b>Opening Remarks</b> B. Dooley Structural Integrity, UK and R. Anderson Competitive Power Resources, USA
8:10 to 8:40	<b>General Open Floor Discussion and Questions</b>
8:40 to 9:05	<b>Achieving and Managing Extended Internal Inspection Intervals on Pressure Equipment</b> M. Utley and M. Young, Contact Energy, New Zealand
9:05 to 9:30	<b>Increase Efficiency, Decrease Costs and Increase Megawatts</b> M. Peterson, Precision Iceblast, USA
9:30 to 10:00	<b>Morning coffee/tea within exhibits</b>
10:00 to 10:20	<b>Presentations on Plant Updates</b> Return to Service Requirements and Planning after 3 Years Storage J. Blake and M. Sands, Stanwell Corporation, Queensland, Australia
10:20 to 10:45	<b>Expansion Joint Technology: Penetration and Casing Seals for HRSG</b> J. Tarrant, Dekomte, UK
10:45 to 11:10	<b>General Open Floor Discussion and Questions</b>
11:10 to 11:35	<b>The Latest on Steam and Water Sampling Systems</b> J. Powalisz, Sentry Equipment Corp, USA
11:35 to 12:00	<b>Controlling Oxygen on New HRSGs</b> T. Hill, Diamantina Power Station, Queensland, Australia
12:00 to 13:20	<b>Working Lunch within Exhibits</b>
13:20 to 13:45	<b>Applying Power Station Chemistry to a Risk Based Inspection Programme</b> H. Henderson, Petrofac, Australia
13:45 to 14:10	<b>Kaleidoscope of Cycle Chemistry Activities at Tallawarra</b> I. Currie, Tallawarra, Australia
14:10 to 14:35	<b>Presentations on Plant Updates</b> Update on HP Bypass A. McKay and P. Wessels, Origin, Australia Short Update

14:35 to 15:00	<b>General Open Floor Discussion and Questions</b>
15:00 to 15:30	<b>Afternoon coffee/tea within exhibits</b>
15:30 to 15:55	<b>Reheater Tube Failure</b> L. Mosele and J. Spencer, NewGen Kwinana Power Station, Western Australia
15:55 to 16:20	<b>Yarnima Power Station – A New Power in the Pilbara</b> M. Watkinson, TW Power Services, Bunbury, Western Australia, Australia and A. Pandey, Senior Power Specialist – Yarmina Power Station, BHP Billiton, Western Australia, Australia
16:20 to 17:00	<b>General Open Floor Discussion and Questions</b>
17:00 to 18:30	<b>Day 1 Concludes</b> <b>Networking, Social Gathering and Drinks within Exhibits</b>

#### Day 2 – Wednesday, 16th November

8:00 to 8:40	<b>General Open Floor Discussion and Questions</b>
8:40 to 9:05	<b>HRSG Designers Meeting the Challenge</b> J. Roberts, R. Incampo and J. Reddel, Jacobs, Australia
9:05 to 9:30	<b>ASME Code Issues Relating to Advanced Materials</b> J. Henry, USA
9:30 to 10:00	<b>Morning coffee/tea within exhibits</b>
10:00 to 10:40	<b>Presentations on Updates</b> Update on Cycle Chemistry Control and FAC B. Dooley, Structural Integrity, UK Update on Thermal Assessments R. Anderson, Competitive Power Resources, USA
10:40 to 11:10	<b>General Open Floor Discussion and Questions</b>
11:10 to 11:35	<b>Tallawarra's Experience with P91</b> S. Gupta, Tallawarra, NSW, Australia
11:35 to 12:00	<b>Corrosion Monitoring using an On-line Analyzer in HRSGs</b> T. Maatta, MEP Instruments, Gladesville, NSW, Australia



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### Program continued ...

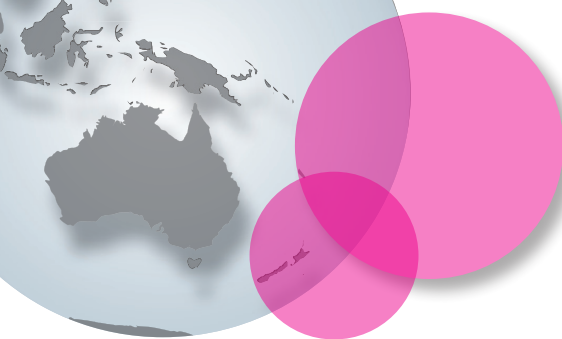
- 12:00 to 13:20 **Working Lunch within exhibits**
- 13:20 to 13:45 **Presentations on Plant Activities**  
Outage Activities at Contact Energy's Te Rapa Plant  
R. Meijer, Contact Energy, New Zealand
- 13:45 to 14:15 **General Open Floor Discussion and Questions**
- 14:15 to 14:40 **Presentations on Plant Updates**  
- Ultrasonic Control of SH/RH Drains  
R. Anderson, Competitive Power Resources
- 14:40 to 15:05 **How to apply IAPWS Guidelines for Effective Cycle Chemistry**  
D. Addison, Thermal Chemistry, New Zealand
- 15:05 to 15:35 **Afternoon coffee/tea within exhibits**
- 15:35 to 16:00 **The Latest IAPWS Updates**  
B. Dooley, Structural Integrity, UK, and  
G. Joy, Retired Australia (Chair of AUSAPWS)
- 16:00 to 16:25 **Outdated Rituals versus Modern Water-Steam Sampling and Analysis Design**  
M. Sigrist, Swan, Switzerland
- 16:25 to 17:00 **General Open Floor Discussion and Questions**
- 17:00 **Day 2 Concludes**

### Day 3 – Thursday, 17th November 2016

- 8:00 to 10:00 **Workshop 1:  
Attemperator Issues**  
C. Jones and C. Thomas, Quest Integrity, Australia and New Zealand  
*Metallurgical investigation, inspection, thermocouple and inspection monitoring, stress analysis and life assessment applied to damaged attemperators. This workshop will present, to the extent of investigations applied, evidence and conclusions relating to each case. Where commonality is found the risk of problems arising from malfunctioning attemperators and/or the realisation of damaging transients will be discussed.*
- 10:00 to 10:30 **Morning coffee/tea within exhibits**

- 10:30 to 12:30 **Workshop 2:  
Preparation of a Covered Pipe System Management Plan in Combined Cycle Plants.**  
D. Ross and D. Charman from ALS, Australia  
*This workshop will present information on covered pipe systems which are common throughout the power and process industries. Many of these pipe systems are critical and involve high risks to people and plant if they are not managed carefully. The ASME codes refer to insulated pipes as Covered Pipe Systems (CPS) in B31.1 (Power) and B31.3 (Process) and offers a detailed methodology for management. AS/NZS 3788 offers Appendix I for Inspection of Piping. This workshop will introduce the code requirements of ASME for CPS, identify differences with AS/NZS 3788, and apply this to some examples from combined cycle plants. To further support the need for a CPS management plan, the issues associated with Grade 91 pipe material will be discussed.*
- 12:30 to 14:00 **Working Lunch within exhibits**
- 14:00 – 16:00 **Workshop 3:  
Anatomy of HRSG Thermal Surveys**  
R. Anderson, Competitive Power Resources, USA  
*When thermal transients beyond those anticipated by the HRSG designer occur irreversible thermal fatigue damage occurs in some pressure parts, resulting in premature failure. These transients can be identified by informed review of normal plant operating data and can often be eliminated, or mitigated, by changes to operating procedures. This workshop will describe a methodology by which to identify the most common undesirable transients and present case studies from actual thermal surveys.*
- 16:30 **Day 3 Concludes**





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### Sponsorship & Exhibition Opportunities

(All prices include GST)

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#### Gold Sponsorship : (AUD) \$8500

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Sponsorship of this item includes...

- Company name and logo displayed
  - » on all promotional material
  - » in sponsorship acknowledgement slides during the conference
  - » on holding slides during the conference
  - » 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)
- One complimentary exhibition booth
- One complimentary registration to all conference activities
- Acknowledgement and company profile provided to delegates via USB or website.

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#### Exhibition Booths : (AUD) \$2950

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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 Tuesday to Thursday will be served in the exhibition display area.

The exhibition package includes the following ...

- Shell scheme display stand (**3m wide x 2m deep x 2.4m high** 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)
- Acknowledgement and company profile provided to delegates via USB or website
- One complimentary registration to all conference activities
- Additional "Booth Only" (not conference) passes can be purchased for \$570 (max 2)

Note: end booths will not have an end wall unless specifically requested (Floor plan on next page)

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#### Name Badges and Lanyards : (AUD) \$2300

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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 badges and lanyards
- Acknowledgement and company profile provided to delegates via USB or website

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#### Refreshment Breaks : (AUD) \$2000 for 3 days OR (AUD) \$800 per day

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There is a total of 6 morning/afternoon tea breaks and 3 lunches during the conference

Sponsorship of this item includes ...

- opportunity to display & hand out promotional material during the sponsored day
- acknowledgement sign during sponsored day
- Acknowledgement and company profile provided to delegates via USB or website

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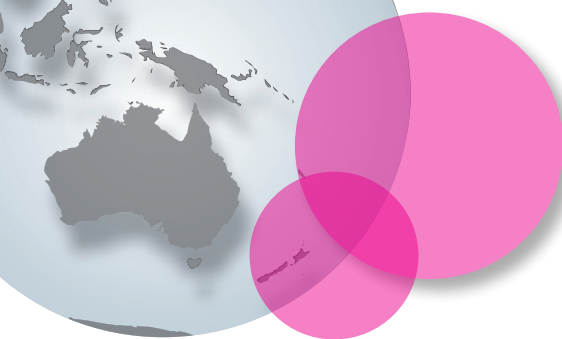
#### Networking Reception : (AUD) \$1500

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Networking Reception occurs at the conclusion of the first day (Tuesday 17:00-18:30pm)

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 and company profile provided to delegates via USB or website
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# AHUG 2016

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### Booking Agreement



#### SPONSORING COMPANY/ORGANISATION

Company/Organisation Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Title: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Mobile: \_\_\_\_\_

#### SPONSORSHIP CATEGORY

GOLD	AU \$8,500	<input type="checkbox"/>	REFRESHMENT BREAKS	AU \$2,000 FOR 3 DAYS	<input type="checkbox"/>
EXHIBITION BOOTHS	AU \$2,950	<input type="checkbox"/>		OR AU \$800 PER DAY	<input type="checkbox"/>
NAME BADGES & LANYARDS	AU \$2,300	<input type="checkbox"/>	NETWORKING RECEPTION	AU \$1,500	<input type="checkbox"/>

#### PAYMENT DETAILS

Payments can be made via - Cheque / Credit Card / Direct Bank Transfer

Cheque - payable to MECCA Concepts Pty Ltd - AHUG Conference

Mail to: MECCA Concepts Pty Ltd, PO Box 2646, Mount Waverley, Victoria Australia 3149

Credit Card: We accept MasterCard / Visa & Amex

Credit card number

Expiry date \_\_\_\_/\_\_\_\_ CCV \_\_\_\_

Signature \_\_\_\_\_ Card Holder 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 AHUG Conference 2016

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 interfered 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.

Please complete and email or fax back to:

**MECCA Concepts Pty Ltd – AHUG Conference 2016 Organisers**

Contact: Rachel Washington, Director MECCA Concepts Pty Ltd

Mobile: 61 (0) 412 996 711 Fax: 61 3 9530 4286 Email: [rachel@meccaconcepts.com.au](mailto:rachel@meccaconcepts.com.au)



# Australasian HRSG Users Group - Conference and Workshop

15-17 November 2016, Sydney

## Registration Form

Register online at: [www.etches.com/ahug2016](http://www.etches.com/ahug2016)

or complete form, please complete and email or fax back to MECCA Concepts Pty Ltd on 03 9530 4286 or to [rachel@meccaconcepts.com.au](mailto:rachel@meccaconcepts.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 on or before Sept. 9	Full Registration fees after Sept. 9
<input type="checkbox"/>	<b>AHUG Conference &amp; Workshop (15, 16 &amp; 17 November)</b> Fee includes: refreshments and lunches on Tuesday, Wednesday and Thursday, and Networking Drinks on Tuesday evening.	\$1350 <input type="checkbox"/>	\$1450 <input type="checkbox"/>
<input type="checkbox"/>	<b>AHUG Conference Only (15 &amp; 16 November)</b> Fee includes: refreshments and lunches on Tuesday and Wednesday, and Networking Drinks on Tuesday evening.	\$1240 <input type="checkbox"/>	\$1340 <input type="checkbox"/>
<input type="checkbox"/>	<b>Workshop (17 November)</b> Fee includes: entry to both workshops (Thursday), refreshments and lunch.	\$910 <input type="checkbox"/>	\$1010 <input type="checkbox"/>

### Accommodation - Rydges Sydney Central, 28 Albion Street Surry Hills, Sydney

A conference block as been arranged @\$209 AUD Deluxe King room alone for \$229 AUD Deluxe King room + full buffet breakfast for one. You will be charged a one night deposit to secure your booking. This deposit will be forwarded to the hotel and applied to your account. You will pay for additional costs on checkout. **Hotel cancellation policy: Cancellations made within 14 days of your arrival date will incur the cost of all nights booked.**

My booking - Deluxe King room \$209 ☐ Deluxe King room + breakfast for one \$229 ☐

Please reserve for the following dates Arriving / Departing /

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

### Payment Details

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

A cheque payable to MECCA Concepts Pty Ltd is enclosed ☐ Direct debit: Please invoice me with your EFT details ☐ Sponsor/Exhibitor

Card number

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Expiry date / CCV No. Total Paid \$

Signature Cardholders name

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**

**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 AHUG 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.

Please complete and email or fax back to:

**MECCA Concepts Pty Ltd – AHUG Conference 2016 Organisers**

Contact: Rachel Washington, Director MECCA Concepts Pty Ltd

Mobile: 61 (0) 412 996 711 Fax: 61 3 9530 4286 Email: [rachel@meccaconcepts.com.au](mailto:rachel@meccaconcepts.com.au)

