**WET GAS MEASUREMENT**

**A TWO DAY TRAINING COURSE**

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**EVENT DETAILS**

**Date**
Tuesday 1\(^{st}\) and Wednesday 2\(^{nd}\) March 2011

**Time**

**Day 1**
- 8:30am - Registration
- 8:45am - Course commences
- 12:00pm to 1:00pm - Lunch
- 4:30pm - End of training session

**Day 2**
- 8:45am - Course commences
- 12:00pm to 1:00pm - Lunch
- 4:30pm - End of training session

**Venue**
Australian Resources Research Centre (ARRC)
26 Dick Perry Avenue
Technology Park West
Kensington WA 6151

**Cost**
$1,400 per person, including GST

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**PURPOSE**

The purpose of this 2 day Wet Gas Measurement Course is to build a solid understanding of the hydrodynamic behaviour and provide a comprehensive review and explanation of the current technology associated with wet gas measurement. This course will be conducted by Dr Richard Steven of the Colorado Engineering Experimental Station Inc. (CEESI) in the USA. CEESI own and operate a number of large high-pressure flow testing, calibration and research facilities, including a comprehensive multiphase wet gas and hydrate test facility in the USA.

The course cost per participant is $1,400.00, inclusive of GST, which will include a copy of the recently published ASME Standard on wet gas measurement. Lunch, morning and afternoon refreshments supplied.

This course is a Curtin University initiative into the promotion of flow assurance issues for the Australian Oil and Gas Industry.

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**WHO SHOULD ATTEND?**

- Operations Staff
- Design Engineers
- Senior technicians
- Specialists in metering
- Regulatory Bodies
- Research / Development Staff

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**PROFILE**

Dr. Steven is currently the director of the CEESI Wet Gas Test facility. He earned his PhD in Experimental Fluid Mechanics at Strathclyde University in 2001. He has worked with on two-phase flow metering projects with the U.K. government and other industry sponsors. Before joining CEESI, he worked for McCrometer as their Multiphase Meter Development manager were he researched wet gas metering with differential pressure meters, and provided training in single and two phase flow metering technologies.

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**COURSE OUTLINE**

- The definition of wet gas
- The flow patterns of horizontal, vertical up and down, and angled flows,
- Wet gas flow worked examples
- Single-phase, non DP meters wet gas flow performance
- Single-phase DP meters wet gas flow performance
- Accessories for single-phase DP meters with correction factors
- Wet gas metering concepts
- Common field problems

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**FURTHER INFORMATION**

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WET GAS MEASUREMENT
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REGISTRATION FORM

Confirmation of course attendance must be received by Friday 11th February 2011 to enable ordering and shipment of required number of course notes from the USA.
Cost: $1,400 per person, including GST

Name ____________________________________________________________
Position __________________________________________________________
Company __________________________________________________________
Address _______________________________________________________________________________________
Town / City ________________ Post Code ________________________________
Country ____
Telephone ________________ Fax ________________
Email _____________________________________________________________

Name(s) of additional attendee (s)
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

Payment by Cheque: To Curtin University, GPO Box U1987, Perth WA 6845
Payment by Credit Card: Receipts shall be issued on request
American Express ☐ MasterCard ☐
Visa ☐
Card Number: ____________________________
Security Number (AMEX Only): ____________________________
Expiry Date: __________ Amount to be charged: __________
Cardholder Name: __________________________________________
Cardholder Signature: ________________________________________

Please fax form to +61 8 9266 7063 or email admin@peteng.curtin.edu.au