



## GAS DETECTION AND MONITORING

### Interpreting and Complying with AS/NZS 2290.3:2018

#### OVERVIEW

Our newly designed Gas Detection and Monitoring seminar has been especially developed to provide key stakeholders in the coal mining sector with a deep review of the new edition of the AS/NZS 2290.3:2018 Standard along with discussion on Amendment 1.

The seminar will help participants with interpreting and complying with the Standard, providing them with a comprehensive understanding of requirements and recommendations for the inspection and maintenance of gas detection equipment.

Implementation strategies will be discussed along with practices managers can explore when seeking to comply with the new Standard. Attendees will examine how to plan, prepare for and implement changes to reflect contemporary equipment and practices.

The seminar will also assist attendees in checking in on their mine's current procedures for the facilitation of safe, efficient and productive use of gas detection and monitoring equipment.

#### COURSE CONTENT

The seminar will comprehensively cover:

- Motivation for revision of the Standard
- Main differences between the old and new Standards
- Principles underpinning the revised Standard
- Key elements for compliance with the revised Standard
- Discussion on Amendment 1
- Expected schedule of inspections and tests
- Inspection and test requirements for portable monitors
- Inspection and test requirements for fixed and machine mounted monitors
- Inspection and test requirements for tube bundles and gas chromatograph systems
- Accuracy requirements for gas detectors
- Response time testing of gas detectors
- Telemetry systems
- Design and use of calibration cups.

#### FACILITATOR

##### Presented by Ian Webster

Ian Webster is one of Australia's leading technical experts in the design, performance and maintenance of gas detectors for use in coal mines.

He has provided significant input into the development of national and international standards for gas detection in mines, and has presented invited papers on the subject at leading industry conferences, including:

- Queensland Mines Health and Safety Conference
- Electrical Engineering Safety Seminar (EESS, NSW)
- Mines Electrical Safety Seminar (MESC, Qld)
- Mine Managers Association of Australia (MMAA)
- Underground EEMs Seminars, Qld and NSW
- Ventilation Officers Seminar, Qld
- MEMMES.

Ian is Chief Researcher for an ACARP project looking into dust accumulation in gas detectors and the effect this has on detector performance.



## WHO SHOULD ATTEND?

This seminar is ideal for electrical engineering managers, ventilation officers, under managers, in bye/out bye services personnel or any staff requiring a current working knowledge of the Standard.

It is also of significant benefit to personnel involved in the oversight of installation, calibration and response checking of permanent gas detection equipment.

## MAINTENANCE OF COMPETENCE SCHEME (NSW)

This session complies with section 7.4.1 of the Scheme for those who hold Practising Certificates. It will enable participants to record 3hrs of formal recognised learning towards compliance with the Scheme.

## VERICO TRAINING SERVICES

Our seminars are based on current research, industry consultation and employer demand, providing training that explores the most relevant, topical and pressing aspects of your profession.

## LOCATIONS, DATES AND VENUES

Location	Date	Time	Venue
Newcastle	10 September	8.30 to 11am	Verico Asset Integrity Services, Warabrook
Singleton	11 September	8.30 to 11am	Hunter Convention Centre, Charbonnier Hotel
Brisbane	24 September	8.30 to 11am	Novotel Brisbane Airport
Mackay	25 September	8.30 to 11am	Rydges Hotel
Moranbah	26 September	8.30 to 11am	Moranbah Workers' Club
Lithgow	1 October	8.30 to 11am	Zig Zag Motel Function Centre
Wollongong	2 October	8.30 to 11am	Adina Apartment Hotel
Mudgee	3 October	8.30 to 11am	Winning Post Motor Inn

### Cost

\$295 per person plus GST

Morning tea and lunch provided

### Register now

[vericotraining.com.au/gas-detection-and-monitoring-seminar](http://vericotraining.com.au/gas-detection-and-monitoring-seminar)

### Contact

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