

# Mine Ventilation Seminar

## Day 1 - Training

1. **Seminar Day 1 Opening Address – 08:30 – 08:45**
2. **Understanding Fluid Flow – 08:45 – 10:30**  
*Understanding the fundamentals of fluid flow; mass-flow balancing and limitations in airways*
3. **Morning Tea – 10:30 – 10:45**
4. **Understanding Heat in Mines – 10:45 – 12:30**  
*Sources of Heat in Mines; how heat is transferred; effects of heat on human body and heat management*
5. **Lunch – 12:30 – 13:30**
6. **Airborne Pollutants – 13:30 – 15:00**  
*Gases; dust; fires and explosive gases; DPM; Radon Decay Products*
7. **Afternoon Tea – 15:00 – 15:15**
8. **Ventilation Planning – 15:15 – 16:45**  
*Things to consider in the mine ventilation system for short term and long term ventilation planning*
9. **Networking – 17:00 – 18:00**

## Day 2 – Discussions

1. **Seminar Day 2 Opening Address – 08:30 – 08:45**
2. **Presentation by WA Department of Mines, Industry Regulation and Safety – 08:45 – 09:45**  
*Update on ventilation code of practice; legislation changes and areas of concern*
3. **Fan Performance Testing – 09:45 – 10:30**  
*Understanding the importance of primary fan performance testing and how to perform the test.*
4. **Morning Tea – 10:30 – 10:45**
5. **Presentation by Ventsim – 10:45 – 12:30**  
*Information on latest developments of Ventsim; interactive session to address operational questions*
6. **Lunch – 12:30 – 13:10**
7. **Howden and Simsmart – 13:10 – 15:10**  
*Interactive session with Howden on fans, cooling and Simsmart and the possible uses with regards to ventilation control*
8. **Afternoon Tea – 15:10 – 15:30**
9. **Ventilation Management Presentation by WA Department of Mines, Industry Regulation and Safety – 15:30 – 16:30**  
*What is involved in a ventilation management/control plan*
10. **Seminar Closing Address – 16:30 – 16:45**
11. **Networking and Dinner – 17:00 –**

MINE VENTILATION SOCIETY

M · V · S · A

**Location:** **Parmelia Hilton**  
**14 Mill Street**  
**Perth, WA, 6000**  
**Australia**

**When: 26 – 27 July 2018 @ 08:00 for 08:30**

### Cost:

**Members (MVSA/AusIMM) - \$200**

**Non-members - \$300**

**Students - \$50 \***

**(\*Excludes post seminar networking and dinner)**

### Who should attend:

- **Surface and Underground Ventilation Technicians, Officers and Engineers;**
- **Technical Services Superintendents/Managers;**
- **Mine Managers**

**Application Form, Venue and Accommodation details on next page.**

AUSTRALIA

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MINE VENTILATION SOCIETY  
M · V · S · A

## REGISTRATION DETAILS

Member No.[MVSA/AusIMM].....

Title: .....

First Name: .....

Last Name: .....

Organisation: .....

Position: .....

Email Address: .....

Number Work: .....

Number Mobile: .....

## PRIMARY ADDRESS

Address: .....

City: .....

Country: .....

State: .....

Postcode: .....

Please email completed registration form to

[admin@mvaus.org](mailto:admin@mvaus.org)

## PAYMENT DETAILS

Payment can be made by Electronic Funds Transfer to  
Bank: Westpac Bank,  
Account Name: Mine Ventilation Society of Australia Inc, BSB No:  
036 078,  
Account No. 580572.

Please use full name as reference for payment.

## ACCOMMODATION AND VENUE

Parmelia Hilton  
14 Mill Street, Perth, WA, 6000, Australia  
Tel: =61 (08) 9215 2000

Accommodation for delegates will be offered at \$195 per night!  
(Queen Hilton – normal price of \$254 p/n) and \$15 hot buffet  
breakfast.

Accommodation to be booked and paid with the Parmelia Hilton  
which is separate from the Seminar registration