



# Mine Ventilation Courses

*including*

## Ventilation Officer

*and*

# Advanced Diploma in Mine Ventilation



TAFE Queensland Mining Services (TQMS) in conjunction with Mine Ventilation Australia (MVA) offers Australia's most comprehensive range of underground mine ventilation courses for both coal and metalliferous mines. These courses are all fully accredited within the Australian Qualifications Framework (AQF) and are recognised nationally across all Australian states and territories.

MNCU1106A	Establish the ventilation management plan [coal]	5-day workshop with assignments	\$4000
MNMMSM631A	Establish the ventilation management system [metalliferous]	5-day workshop with assignments	\$4000
MNCU1102A	Establish the spontaneous combustion management plan	Self-paced distance study	\$2000
MNCU1111A	Establish the gas management system	Self-paced distance study	\$2000
MNCU1116A	Establish the gas drainage management plan	Self-paced distance study	\$1000
MNCU1121A	Establish the outburst management plan	Self-paced distance study	\$2000
AMV100	Identify, analyse and evaluate psychrometric heating and cooling processes and climate	1-day workshop with assignment	\$1000
AMV101	Establish the heat stress management plan	1-day workshop with assignment	\$1000
AMV102	Establish the thermal environment management plan	1-day workshop with assignment	\$1000
AMV103	Establish the mine ventilation model and conduct network analyses	2-day workshop with assignment	\$1500
AMV104	Establish the ventilation emergencies (egress and entrapment) management plan	Self-paced distance study	\$1000

All costs are \$A. GST is not payable for Australian students. Fees may be higher for workshops in some locations. Confirm fees prior to enrolment.

These courses are also integrated seamlessly into the higher level AQF qualifications MNC60204 *Advanced Diploma of Underground Coal Mining Management* and MNM60104 *Advanced Diploma of Metalliferous Mining (Underground)*, which can also be undertaken through TQMS, and into statutory qualifications such as the *First Class Mine Manager's Certificate of Competency* and the *Coal Ventilation Officer or Metalliferous Ventilation Officer* (which vary from State to State).

These ventilation courses can also be undertaken along with or in fulfilment of two nationally recognised qualifications within the AQF with a reduction in cost by payment of an up-front fee.

MNCU1109A	Manage, operate and maintain the mine ventilation system	Provides MNCU1102A, MNCU1106A, MNCU1111A, MNCU1121A and MNCU1109A	\$8000
39139QLD	Advanced Diploma of Mine Ventilation	Provides all 11 competencies above plus MNCU1109A plus	\$11000

**Study mode** Flexible delivery options are available which enable training to be completed via a combination of self-paced study, workshops, and on-site assessment. Studies can be commenced at any time. Participants will be provided with comprehensive high quality learning materials. Intensive workshops will also be conducted throughout the year in Mackay, Brisbane, Newcastle and Perth and other locations by negotiation.

**Facilitator** Workshops and on-site training will be facilitated by professional training consultants from TAFE Queensland Mining Services and Mine Ventilation Australia. Many competencies will be delivered by MVA's Dr Rick Brake, a Chartered Practising Mining Engineer with 25 years experience in underground and open cut mines in senior planning and operating roles in Australia and North America. Dr Brake graduated with First Class Honours in Mining Engineering from the University of Queensland in 1979, completed a Master of Business Administration from Deakin University in 1991 and completed a PhD in physiology from the School of Public Health at Curtin University in the area of human heat stress in 2002. He has a First Class Mine Manager's Certificate of Competency (Qld), both Coal and Metalliferous ventilation officer qualifications and is a Fellow of the AusIMM, a member of MICA and the MVSSA, an RPE(Qld) and has consulted widely and published extensively in the areas of mine ventilation, cooling and refrigeration, heat stress, and egress and entrapment.

Further information (current workshop schedules, detailed brochures on individual courses, enrolment forms):

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