



4 DAYS

Certificate in Mine Environmental Control / Occupational Hygiene - Paper 2

(Thermal Engineering - Heat)



Course Outcomes

The participant will be able to:

- Perform integral calculations pertaining to all aspects of the subject matter
- Comment on all aspects of the subject, recognise and utilise laws and formulae used for specific calculations
- Identify and state corrective action for anomalies, record and report on all measurements relevant to subject



Course Contents

- Theory – heat and psychrometry
- The use of psychrometric equations
- Heat stress
- Heat transfer
- Virgin rock temperatures
- Heat sources
- Heat transfer in airstreams
- The cooling effect of air
- Heat and moisture changes
- Mixing airstreams and the resulting temperatures and heat



Target Participants

- Candidates studying towards the Certificate in Mine Environmental Control



Prerequisites

- Full Intermediate Certificate in Environmental Control
- 12 Months relevant experience (6 months for graduates) in the Environmental Control / Occupational Hygiene Department



Course Dates

Refer to
Course Schedule Dates
(Available on Request)



Facilitator

For more information on this course
contact training@umoyavohe.co.za



Bookings

Contact our training Co-Ordinator:
training@umoyavohe.co.za
or on 074 936 1364 (Request for list of
suitable accommodation if needed)



Costs

Quote to be requested

INCLUDES

- Lunches/Refreshments
- Course Material
- Tuition Fees

EXCLUDES

- Accommodation
- Breakfast/Supper