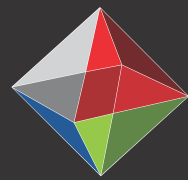


5 DAYS

# Basic Ventilation Engineering/ Occupational Hygiene Course



**UMOYA**  
VOHE SOLUTIONS

Ventilation & Occupational  
Hygiene Engineering



## Course Outcomes

The course is designed to provide the participant with the relevant background to launch a career in the Mining Ventilation Engineering and Occupational Hygiene field.

The participant will be able to demonstrate knowledge and understanding pertaining to basic Ventilation Engineering and Occupational Hygiene principles.

A post course evaluation will be done to prove competency.

The basic course being offered is not attached to the official MEC qualification, it is merely an introduction to prospective students or persons who need to understand the basics of ventilation in respect to eventually Obtaining the full MEC qualification (MEC – Mine Environmental Control)



## Course Contents

- The structure and duties of the Ventilation Engineering / Occupational Hygiene Department.
- Heat
- Dust
- Instrumentation
- Mine Fires
- Refrigeration Practice
- Reporting
- Toxicology
- Noise
- Illumination
- Airflow
- Gases



## Target Participants

- Candidates who want to pursue a career in the Ventilation/ Occupational Hygiene Field.
- Any mining related employee who needs a broad understanding of the basic Ventilation Engineering and Occupational Hygiene principles.



## Prerequisites

- Grade 12 with Mathematics or a suitable equivalent qualification.

### ADDITIONAL

- Calculator
- Overall, safety/underground boots, cap lamp belt, underground hard-hat, gloves, safety goggles, hearing protection.



## Course Dates

Refer to  
Course Schedule Dates  
(Available on Request)



## Facilitator

For more information on this course contact [training@umoyavohe.co.za](mailto:training@umoyavohe.co.za)



## Bookings

Contact our training Co-Ordinator:  
[training@umoyavohe.co.za](mailto: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