

## REGISTRATION FOR NOISE OFFICER COURSE

Attendee \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_ Postcode \_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_ Mobile \_\_\_\_\_

Email \_\_\_\_\_

Will bring Sound Level Meter.    Yes        No

(If you have a sound level meter it is recommended that you learn with the model you will be using in your work.)

**Full Course Cost:**        \$2900.00 plus GST       

**Refresher Course:**        \$1600.00 plus GST       

On successful completion of this course participants are eligible for registration as a Noise Officer with DMP Resources Safety.

Payment by Direct Deposit to bank account: Precision Acoustics. BSB: 066134 Acc No: 10362639 Credit Card (1.48% surcharge) Cash or Cheque payable to: Precision Acoustics

Enrolments are only accepted on receipt of registration form & payment. Participants may apply for a credit to attend a future scheduled course if unable to attend this course. 75% refund up to 12 days prior to the course if cancelling. Substitutes are acceptable.

Send registration form to:  
Ian Wheeler  
PO Box 2520  
Malaga, WA 6944



Precision Acoustics has over 50 years experience in the area of hearing problems, hearing conservation and noise management. This experience has been applied to the Noise Officers Course.

The course is based on the requirements of AS/NZS 1269 and is accredited by DMP

It will lead to registration as a Noise Officer upon successful completion of all the assignments.

### Other Services Offered:

- Audiometer sales & calibration
- Sound Level Meter sales & calibration
- Hearing Booth sales & Calibration
- Noise Surveys



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Malaga WA 6090

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ABN 98 491 653 806

# Precision Acoustics

## Noise Officer Course



# Course Content

## ACOUSTICS and ANALYSIS OF SOUND

- Nature of sound
- Representation of sound
- Types of sound
- Basic properties of sound in the environment
- Measurement of sound
- The dB scale
- Sound Pressure Level
- Frequency weighting
- Octave and Third Octave filtering

## SOUND MEASUREMENT EQUIPMENT

- Sound level meters structure, characteristics, calibration.
- Integrating SLM
- Personal Noise Exposure Meters
- Measurement procedures use of meters, limitations

## NEED FOR NOISE MANAGEMENT

- Anatomy of the ear
- Causes of hearing loss
- Effects of high noise exposure physical and other
- Implications of hearing damage work and social
- Noise and interaction with other factors

## EVALUATION OF NOISE

- Noise surveys preliminary and detailed
- Type of noise - impulse, continuous
- Noise exposure assessment
- Other Criteria

## NOISE REDUCTION

- To gain an appreciation of the engineering approach to noise reduction
- Reduction of source
- Transmission path
- Receiver
- Work techniques

## NOISE MANAGEMENT PROGRAMS

- Organization and Policies
- Management and Employee education
- Professional involvement
- Selection and use of personal hearing protection
- Noise control techniques

## DMP RESOURCES SAFETY

- Legislation requirements & regulations
- Responsibilities responsible persons, employees, manufacturers, designers, suppliers
- Approved procedures
- Documentation

## WORKCOVER

- Legislation
- Noise officer's involvement - Booth testing
- Testing equipment approval

## WORKSAFE WA

- Legislation and Australian standards
- Requirements for authorisation to perform measurements
- Special applications - eg. music industry

## PRACTICAL NOISE SURVEYS

- Use of Sound Level Meters and Specification application
- Measurements
- Evaluations
- Reports
- Booth testing for Workcover Approval

● The course is run over a four-five day period involving a mix of theory and practical sessions.

● A written exam is set for the last day.

● If you require a refresher course this can be achieved by attending select sessions over two days and later completion of required assignments.

● On the final day of the course, the participants perform a noise survey of a nominated site. A noise report that conforms to the Resources Safety guidelines is required to be written using the data collected from these measurements. This has to be submitted within one month of completion of the formal course.

● If the written exam has been passed and the submitted report is acceptable, then a second independently prepared noise report is required. This report is marked as part of the total assessment process.

● On successful completion of these requirements, the participants may apply for registration as Noise Officers.

● No pre-reading is required for this course. A complete manual of all material required will be provided at commencement of the course.

● If you have a Sound Level Meter that you plan to use for future measurements, it is advisable to bring this with you to the course.