Work, Health & Safety

(BSB41419 Cert IV)

and

Practical Noise Management

(MSS80218 Units, Diploma and Post-Graduate Levels)

TRAINING PROGRAMS

July 2020
Noise Measurement Services Pty Ltd is a registered training organization (RTO Registration Identifier Code 41013) under the Australian Skills Quality Authority (ASQA) and Australian Qualifications Framework (AQF) providing BSB41419 Certificate IV Work Health and Safety qualification and MSS80218 Graduate Certificate in Environmental Management (MSS025008 and MSS027022) units of competency.

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The Acoustar Board of Studies is established by Acoustar Pty Ltd.
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ACOUSTAR NATIONALLY RECOGNISED TRAINING

Acoustar is Registered Training Organisation (RTO 41013) providing Nationally Recognised Training (NRT) leading to vocational qualifications and credentials that are recognised across Australia.

Our Nationally Recognised Training qualifications are courses that are accredited under the Australian Quality Training Framework (AQTF). The Australian Qualifications Framework (AQF) specifies the standards for educational qualifications in Australia.

Each course consists of one or more units providing a broad range of industry focused technical competency, skills and knowledge. Each unit consists of a set of modules (“micro-credentials”) that can be studied individually. Each micro-credential is awarded Continuing Professional Development points (hours).

*Acoustar offers complete study programs*

- Certificate IV in Work, Health and Safety;
- Noise Monitoring and Noise Management;

A unique set of micro-credential courses in occupational safety, risk assessment, acoustics, and noise management.

*Our courses are designed to train confident, competent staff*
BSB41419 WORK, HEALTH AND SAFETY UNITS

AQF Level 4; Number of units for a pass in BSB41419 = 10

Acoustar offers 5 core units and 10 elective units. All 5 core units must be taken, plus 3 units from Group A and the remaining 2 units selected as follows:

- both may be selected from Group A, Group B or any currently endorsed Training Package qualification or accredited course at the same Australian Qualifications Framework (AQF) level
- 1 Unit may be selected from a Certificate III or Diploma, from any currently endorsed Training Package qualification or accredited course.

CORE

- BSBWHS412 Assist with workplace compliance with WHS laws
- BSBWHS413 Contribute to implementation and maintenance of WHS consultation and participation processes
- BSBWHS414 Contribute to WHS risk management
- BSBWHS415 Contribute to implementing WHS management systems
- BSBWHS416 Contribute to workplace incident response

Elective units

Group A

- BSBRES411 Analyse and present research information
- BSBWHS417 Assist with managing WHS implications of return to work
- BSBWHS418 Assist with managing WHS compliance of contractors
- BSBWHS419 Contribute to implementing WHS monitoring processes

Group B

- BSBMGMT403 Implement continuous improvement
- BSBRSK401 Identify risk and apply risk management processes
- BSBUSUS401 Implement and monitor environmentally sustainable work practices

Endorsed Units

- AHCAGB518 Develop climate risk management strategies
  (Approved to deliver in 2020; in preparation; Diploma level)
- DEFWH001 Develop noise management plans (Diploma level)
- MSS025008 Monitor and evaluate noise (Diploma level)
The Units presented apply Acoustar’s industrial emphasis (regulatory-urban-entertainment-rural-transportation-mining) to those working as supervisors, WHS personnel, and workers in other WHS-related roles who manage risks effectively, apply relevant WHS laws, and contribute to WHS within the workplace in known or changing contexts with established parameters.

**STUDY HOURS**

Units are a structured program of study with nominal anticipated hours of supervised learning and/or training deemed necessary to conduct training/learning and competency assessment activities associated with the program of study:

- BSB41419: nominal 470 hours or nominal 40-50 hours per unit;
- MSS025008 (70 hours) and MSS027022 (35 hours);
- AHCAGB518: nominal 120 hours.

Nominal study hours are the NCVER ‘nationally agreed hours’.

The detail of each unit is available on the Acoustar webpage [acoustar.qld.edu.au](http://acoustar.qld.edu.au)
NOISE MANAGEMENT

Three units of study are offered:

- **DEFWHS002 Develop noise management plans** is offered at AQF Level 5.
- **MSS025008 Monitor and evaluate noise** is offered at AQF Level 5 or 8.
- **MSS027022 Coordinate noise management activities** is offered at AQF Level 8.

The foundation training, skills and knowledge requirements for competency under AS 1055:2018 *Acoustics – Description and measurement of environmental noise* and AS/NZS 1269 *Occupational Noise Management* are included. The noise management competencies of AS/NZS 1269 are included under MSS027022 *Coordinate noise management activities*.

**MSS025008 Monitor and evaluate noise modules**

➢ **Modules 1 to 6** are the ‘theory’ modules before face-to-face tutorials.

  - **Module 1** Noise evaluation in practice
  - **Module 2** Legislation, standards and guidelines
  - **Module 3** Basic acoustics principles
  - **Module 4** Sound and noise measurements
  - **Module 5** Noise monitoring instruments
  - **Module 6** Sound propagation and noise mapping

**Module 7 Practical Noise surveys** contains practical applications to illustrate the basics of monitoring and evaluation of noise.

**MSS027022 Coordinate noise management activities** offers both theory and practical work. One module only is required from the programs offered-

- **Module Env** Environmental noise monitoring and evaluation; or
- **Module WP** Workplace noise monitoring and evaluation; or
- **Module Bldg** Building acoustics monitoring and evaluation (limited course availability)

The detail of each unit is available on the Acoustar webpage [acoustar.qld.edu.au](http://acoustar.qld.edu.au)
MICRO-CREDENTIALS

Acoustar provides training based on formal Nationally Recognised Training (NRT) skills and knowledge.

The concept of ‘micro-credential’ means a training scheme that:

- Certifies the achievement of a specific set of skills and knowledge;
- Has a statement of purpose and clear learning outcomes;
- Is a shorter, contemporary component of a formal NRT qualification.

To fit the concept of ‘micro-credentials’ with existing ‘traditional’ training Acoustar has designed our BSB41419 or noise management units into modules.

- A **micro-credential** issued by Acoustar is **credit-bearing** on satisfactory completion of a module;
- Some modules are available on-line and manageable by mobile phone or tablet;
- Some modules require certified fieldwork or experience before a Statement of Attainment can be issued;
- Continuing Professional Development “points” are awarded when a micro-credential is awarded.
TRAINING PROGRAM ENTRY REQUIREMENTS

BSB41419, AQF Level 4
There are no entry requirements.
The coursework is detailed and Acoustar recommends that you have a good standard of English, as well as literacy and numeracy skills.

MSS025008, AQF Level 5
MSS025008 Monitor and evaluate noise is taught at Australian Qualifications Framework (AQF) Level 5 - MSS50218 Diploma of Environmental Monitoring and Technology. A student can apply for the MSS025008 Monitor and evaluate noise (AQF) Level 5 without any previous knowledge or qualifications. A good standard of English is required, as well as literacy and numeracy skills.

- Students without a degree or recognized prior training enroll for MSS025008 at AQF Level 5.
- Students with a degree or recognized prior training enroll for MSS025008 at AQF Level 8.

MSS025008 and MSS027022, AQF Level 8
The training program skill set consisting of MSS025008 Monitor and evaluate noise and MSS027022 Coordinate noise management activities units is taught at Australian Qualifications Framework (AQF) Level 8 - MSS80218 Graduate Certificate in Environmental Management.

Entrants require at least one of the following:
- relevant higher education qualification or equivalent industry experience.
- MSS50218 Diploma of Environmental Monitoring and Technology together with work experience at a senior or advanced level in environmental monitoring and technology or relevant technical field.
- extensive work experience at a senior or advanced level in environmental monitoring and technology or relevant field.

Pre-Requisite Qualification
- Students with a degree or recognized prior training are automatically enrolled for MSS027022 at AQF Level 8.
- A student must have MSS025008 before being enrolled in MSS027022.
Unit Modules
Some unit modules can be studied without enrolling for the full unit. This allows a student to take a subject that interests them and RPL is given on application with the appropriate micro-credential.

Micro-credentials
There are no entry requirements for the Acoustar micro-credential courses. Most micro-credentials are for informative courses and competency-based courses are available based on our work, health and safety and noise management programs.

Recognition of Prior Learning
Recognition of Prior Learning (RPL) is available to all students. RPL recognises the skills, knowledge and experience acquired from training, work or life experience. Your trainer or assessor can assist you with your RPL.

AQF Level 4 (Certificate IV)
Graduates at this level will have a broad range of cognitive, technical and communication skills to select and apply a range of methods, tools, materials and information to:
- Complete routine and non-routine activities
- Provide and transmit solutions to a variety of predictable and sometimes unpredictable problems

AQF Level 5 (Diploma)
Graduates at this level will have a broad range of cognitive, technical and communication skills to select and apply methods and technologies to:
- Analyse information to complete a range of activities
- Provide and transmit solutions to sometimes complex problems
- Transmit information and skills to others
The Acoustar Board of Studies and its Advisors consists of professional industry and education qualified persons. The Board is administered by a Registrar. The Board is empowered to review the content and presentation of training programs offered by the Registered Training Organisation (‘Acoustar’). The Board supports Acoustar through Accreditation, Audit, Ethics, Governance, and Research protocols. The Board’s governance oversight functions provide an impartial, independent person in a complaint or appeal process involving Acoustar.

A person who has satisfactorily completed a specific unit within the BSB41419 or MSS80218 training program is acknowledged as being ‘competent’ for the purposes of that unit. There are different levels of competency recognised within ASQA but there is no external audit of the skills and knowledge required for competency. The Board provides students and third-parties this very powerful audit and quality control function.

A unique feature of Acoustar is our Acoustar-IEDIS Research Centre operating under the oversight of the Board of Studies. The Research Centre provides guidance and incentives for students to undertake research of a practical and/or vocational nature.

All of our training functions interlink to provide students with strong guidance, a depth in training and an ability to extend their work by research. The Centre is available to members of the public.