

# MSL20122 Certificate II in Sampling and Measurement CRICOS 112378A

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# **Course Overview**

This qualification teaches skills and knowledge to conduct a range of sampling and measurement activities as part of laboratory and field operations focusing on environmental conservation sectors.

Students can expect to have skills related to employment with jobs include samplers and testers, field assistants, and other roles requiring sampling and measurement skills.





Online Support



Blended

Mode

Project Based 28 Weeks



School Based 38 Weeks



Payment

Options



8

Units



Practical Components

## **Course Units**

### Core Units

| MSL912002 | Work within a laboratory or field workplace         |
|-----------|---|
| MSL922002 | Record and present data                             |
| MSL943004 | Participate in laboratory or field workplace safety |

### **Elective Units**

| MSL972002   | Take routine site measurements                              |
|-------------|---|
| MSMENV272   | Participate in environmentally sustainable work practices   |
| MSL952003   | Collect routine site samples                                |
| NAT11246008 | Conduct an onsite information session on coral reef biology |
| NAT11246011 | Participate in fish monitoring                              |



## **Qualification Outcomes**

This qualification reflects the role of workers who perform a range of sampling and measurement activities as part of laboratory, production or field operations in marine, aquaculture, manufacturing, resources and environmental industry sectors.

Samples and testers conduct limited sampling and testing as part of their duties in a particular industry, They use a restricted range of skills and operational knowledge to perform tasks and do not generally work inside a laboratory.

## **Career Outcomes**

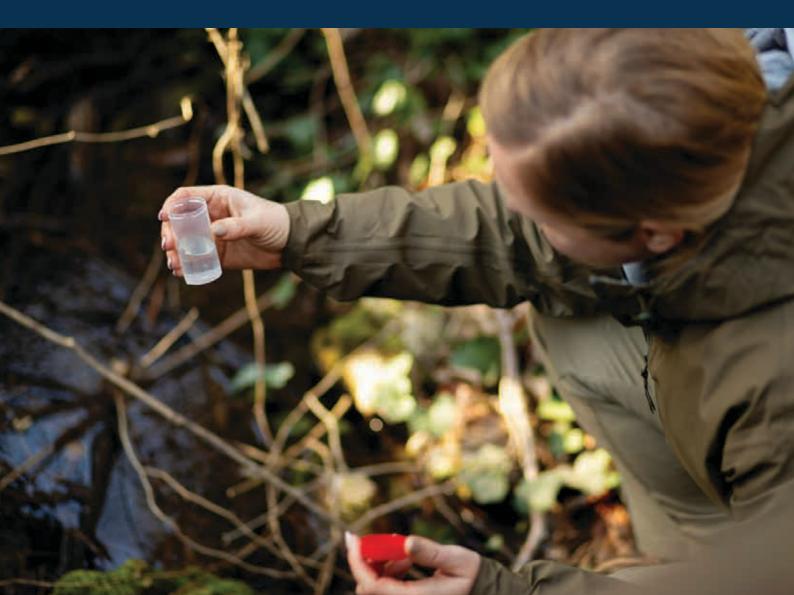
- Laboratory Assistant
- Field Assistant
- Environmental Monitoring Assistant
- Sampler and Tester Assistant
- Sample Couriers



## Skills and Knowledge Development

Upon completion of the course participants will be able to:

- Follow set procedures to sample raw materials and products
- May package, label, store and transport samples
- Use simple equipment (hydrometers, thermometers and pH meters) to make measurements and perform basic tests that take a short time and involve a narrow range of variable and easily recognisable control limits
- May make a visual inspection of products and packaging



## **About Envirotech**

Envirotech Education is an award-winning Australian Registered Training organization (RTO) endorsed by the Australian Skill Quality Authority (ASQA) for delivery of Vocational Education and Training (VET).

Envirotech VET accreditations are offered to: domestic, indigenous, international, and high school students.

The college has in-house expert trainers, mentors, and business developers, who are dedicated to connecting students to an industry journey and will facilitate engagement in real business initiatives and sustainable projects.



Dr. Maria Fontes, PhD. Marine & Sustainability Trainer & Assessor

Ryan Goldhawk

Marine &

Sustainability

Trainer & Assessor



Cassia Duarte Marine & Sustainability

Trainer & Assessor



Glenda Cadigal Marine Expert Trainer & Assessor



Paul Vincent Petalcorin Marine Academic Support & Content Developer



Lyle John Cortes

Marine Trainer &

Assessor & Content

Developer

Francia Marie Jose Marine Academic Support & Content Developer

### JANUARY

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5 - Labour Day (QLD)

**FEBRUARY** 

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2025 CALENDAR

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MARCH

Courses Intake Dates

1 - New Year's Day, 27 - Australia Day

APRIL

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#### JUNE

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18 - Good Friday 19 - Easter Saturday 20 - Easter Sunday 21 - Easter Monday 25 - Anzac Day

JULY

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### AUGUST

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| 31         |           |            |    |    |    |    |   |
| 13 - Royal | Queenslan | d Show (QL | D) |    |    |    |   |

### **SEPTEMBER**

9 - Kina's Birthday (National Except OLD & WA)

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#### **OCTOBER**

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06 - King's Birthday (QLD) & Labour Day (NSW)

#### **NOVEMBER**

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#### DECEMBER



25 - Christmas Day 26 - Boxing Day





**Term Break** 



# ENVIROTECH E D U C A T I O N

#### ENVIROTECH EDUCATION PTY LTD

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Queensland Government Awards













