

# MSL20122 Certificate II in Sampling and Measurement



This course has been developed with the support of BHP Billiton Mitsubishi Alliance, Koskela Group, Ports and Coastal Environmental and Gauge Scientific to meet the exacting standards required to legally demonstrate compliance with site operating conditions.

## COURSE DURATION

5 days - Assessment only course

## CLASS SIZES

Maximum class size of 20 participants

## QUALIFICATION AND COMPETENCIES

This course includes the following competencies:

<b>MSL912002</b>	Work within a laboratory or field workplace
<b>MSL922002</b>	Record and present data
<b>MSL943004</b>	Participate in laboratory or field workplace safety
<b>MSL952003</b>	Collect routine site samples
<b>MSL952004</b>	Handle and transport samples or equipment
<b>MSL972002</b>	Take routine site measurements
<b>MSL933008</b>	Perform calibration checks on equipment and assist with its maintenance
<b>MSMENV272</b>	Participate in environmentally sustainable work practices

Other sampling competencies are available.

## COURSE TOPICS

This course will prepare participants to take water, soil and sediment samples for environmental monitoring purposes. Topics include:

- The process of sampling
- Sample design
- Sampling in the field
- Organisational paperwork
- Safety in the field
- GPS basics
- Calibration
- Sustainability
- Recording and presenting data
- Sample bias
- Sampling techniques
- Sample preservation, storage and despatch

## COURSE ASSESSMENT

This course contains theoretical and practical assessment based on sampling program design, field safety, field documentation, sampling technique, sample preservation and storage, sample despatch, instrument calibration and recording data. Assessment includes work books, supervisor completed RPL and practical demonstration of techniques and methods.

## WHEN AND WHERE

Training is provided to corporate clients only. To learn more contact us during office hours on 0418 995 730 or by emailing [office@ledt.com.au](mailto:office@ledt.com.au)

## COST

### Delivery on Gold Coast

This certificate starts from \$3300 (AUD) per person. Participants are required to provide general PPE, accommodation and transport.

### Delivery away from Gold Coast

Cost for delivery at other locations is by quotation. To learn more contact us during office hours on 0418 995 730 or by emailing [sampling@ledt.com.au](mailto:sampling@ledt.com.au)

## PRE-REQUISITES

Participants are required to be currently employed in the resources, ports or heavy industry sector with a role in environmental sampling and management. Typical participants are professionals working in health and environment, environmental science, engineering and chemistry.