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| **Trade** | **Biotechnology**  |
| **2016 QUALIFICATION** | **MSL50116 Diploma in Laboratory Technology specializing in Biotechnology** |
| **CORE UNITS OF COMPETENCY** |
| MSL913001 | Communicate with other people |
| MSL913002 | Plan and conduct laboratory/field work |
| MSL915001 | Provide information to customers |
| MSL924001 | Process and interpret data |
| MSL924002 | Use laboratory application software |
| MSL925001 | Analyse data and report results |
| MSL934002 | Apply quality system and continuous improvement processes |
| MSL944001 | Maintain laboratory/field workplace safety |
| MSMENV472 | Implement and monitor environmentally sustainable work practices |
| **ELECTIVE UNITS OF COMPETENCY (12 electives)** |
| **Group A – 5 units** |
| MSL975009 | Apply routine chromatographic techniques |
| MSL975013 | Perform tissue and cell culture techniques |
| MSL975014 | Perform molecular biology tests and procedures |
| MSL975001  | Perform microbiological tests |
| MSL935004 | Maintain instruments and equipment |
| **Group B – 3 units** |
| MSL973002 | Prepare working solutions |
| MSL973004 | Perform aseptic techniques |
| MSL973007 | Perform microscopic examination |
| **Group D – 1 unit** |
| MSL974006 | Perform biological procedures |
| **Imported – 3 units** |
| AHCPCM501 | Diagnose plant health problems |
| AHCPHT503 | Manage a controlled growing environment |
| AHCIRG503 | Design irrigation, drainage and water treatment systems |