

New Zealand Certificate in Drilling (Level 4) [Ref: 2622], Version 2			
Level	4	Credits	135

Assessment standards aligned with qualification outcomes	
Outcome	Assessment standards
<p>Outcome 1</p> <p>Apply risk assessment procedures, and workplace health and safety and environmental procedures (25 credits)</p> <p>Outcome 2</p> <p>Co-ordinate and apply emergency response (5 credits)</p>	<p>15189 - Implement a health and safety plan for a workplace (4 Credits, Level 4)</p> <p>17602 - Apply hazard identification and risk assessment procedures in the workplace (4 Credits, Level 3)</p> <p>22477 - Carry out drilling industry operational maintenance in a non-hydrocarbon drilling environment (15 Credits, Level 3)</p> <p>28313 - Identify and minimise environmental hazards in a drilling environment (5 Credits, Level 3)</p> <p>28315 - Respond to local emergencies and incidents in a drilling environment (5 Credits, Level 4)</p>
<p>Outcome 3</p> <p>Select appropriate drilling methodologies, systems and processes for specific drilling environment(s) (20 credits)</p>	<p>Select unit standards from the below list for a total of 20 credits:</p> <p>8915 - Conduct drilling operations at a surface extractive site (20 credits, Level 3)</p> <p>9695 - Examine problem-solving models and explain associated techniques (3 credits, Level 4)</p> <p>17695 - Attach, lift, move, and place loads using mobile plant (10 credits, Level 3)</p> <p>22479 - Construct monitoring bores (instrumentation) (20 Credits, Level 4)</p> <p>22480 - Construct and complete single aquifer production bores (20 Credits, Level 4)</p>

	<p>22481 - Construct multiple aquifer production bores (20 Credits, Level 4)</p> <p>28319 - Carry out grouting or cementing operations in a drilling environment (10 Credits, Level 4)</p> <p>28333 - Apply blow out prevention operational procedures in a drilling environment (5 Credits, Level 4)</p>
<p>Outcome 4</p> <p>Operate and monitor drilling systems and processes, monitor hole condition, and respond to down hole problems in a drilling environment</p> <p>(35 credits)</p>	<p>22482 - Conduct air drilling (20 Credits, Level 4)</p> <p>22483 - Conduct continuous flight auger drilling (20 Credits, Level 4)</p> <p>22484 - Conduct large diameter auger drilling (20 Credits, Level 4)</p> <p>22486 - Conduct wireline core drilling (20 Credits, Level 4)</p> <p>22491 - Conduct mud rotary drilling (20 Credits, Level 4)</p> <p>22493 - Conduct cable tool drilling (20 Credits, Level 4)</p> <p>22494 - Conduct down-hole hammer drilling (20 Credits, Level 4)</p> <p>22495 - Conduct top-hole hammer drilling (20 Credits, Level 4)</p>
<p>Outcome 5</p> <p>Move drill rig and associated equipment to safely meet workplace requirements</p> <p>(5 credits)</p> <p>Outcome 6</p> <p>Interpret and apply client/contract specifications to safely meet operational targets</p> <p>(5 credits)</p>	<p>22475 - Set up and prepare for drilling operations (10 Credits, Level 4)</p>
<p>Outcome 7</p> <p>Provide mentoring and on-job training to drill crew</p>	<p>18337 - Determine, source, support, and evaluate training and/or development for a team (5 Credits, Level 4)</p>

<p>(15 credits)</p>	<p>23397 - Plan and monitor performance of others (6 Credits, Level 5)</p> <p>27565 - Train colleagues in the workplace (4 Credits, Level 3)</p>
<p>Outcome 8</p> <p>Communicate with clients, internal staff and the general public as required to meet relevant workplace policies and procedures</p> <p>(5 credits)</p>	
<p>Outcome 9</p> <p>Lead reporting on drilling operations</p> <p>20 credits)</p>	<p>22476 - Run on-site operations in a drilling environment (20 Credits, Level 4)</p>