

# New Zealand Certificate in Non-hydrocarbon Drilling

Level 3 and 4



 **mito**



Te Pūkenga

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Designed in consultation with industry, this training programme will provide you with the required core skills and knowledge to work as a driller under broad supervision in all sectors of the non-hydrocarbon drilling industry. It provides the perfect career pathway for those starting out in the drilling industry to progress to more senior roles.

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## Programme outline

This work-based programme is expected to take 2.5 to 3 years to complete.

This flexible programme will allow training to take place within a variety of drilling environments. The training programme includes a mix of practical training and assessment, undertaken in the workplace, and theory learning and assessment, allowing you to complete theory elements of the programme at your own pace.

## Entry requirements

You must be employed full-time in the drilling industry in a role which enables you to meet the outcomes of the qualifications.

## 2023 programme fee

\$475 (excluding GST). This is an annual fee and is non-refundable.

QUALIFICATION OUTCOMES		LEVEL	CREDITS
OUTCOME 1	Participate in risk assessment to work safely in a drilling workplace, including workplace health, safety and environmental requirements.	3	25
OUTCOME 2	Use introductory knowledge of the drilling system(s) and processes applicable to a particular drilling environment, to assist with drilling activities under supervision, using relevant mathematics where required.	3	35

QUALIFICATION OUTCOMES		LEVEL	CREDITS
<b>OUTCOME 3</b>	Assist in safely moving equipment about the drilling site under supervision.	3	5
<b>OUTCOME 4</b>	Communicate effectively in a drilling environment.	3	5
<b>OUTCOME 5</b>	Apply risk assessment procedures, and workplace health and safety and environmental procedures.	4	25
<b>OUTCOME 6</b>	Co-ordinate and apply emergency response.	4	5
<b>OUTCOME 7</b>	Select appropriate drilling methodologies, systems and processes for specific drilling environment(s).	4	20
<b>OUTCOME 8</b>	Operate and monitor drilling systems and processes, monitor hole condition, and respond to down hole problems in a drilling environment.	4	35
<b>OUTCOME 9</b>	Move drill rig and associated equipment to safely meet workplace requirements.	4	5
<b>OUTCOME 10</b>	Interpret and apply client/contract specifications to safely meet operational targets.	4	5
<b>OUTCOME 11</b>	Provide mentoring and on-job training to drill crew.	4	15
<b>OUTCOME 12</b>	Communicate with clients, internal staff and the general public as required to meet relevant workplace policies and procedures.	4	5
<b>OUTCOME 13</b>	Lead reporting on drilling operations.	4	20

MITO is a division of Te Pūkenga.  
We support on-job learning and career  
development for the New Zealand  
automotive, transport, logistics and  
extractives industries.

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**NEW ZEALAND CERTIFICATE IN  
NON-HYDROCARBON DRILLING  
(LEVEL 3 AND 4)**

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