

National Certificate in Drilling – Non-hydrocarbon (Driller) (Level 3) with optional strands in Environmental/Geotechnical, and Water Well

CORE COMPULSORY – The following standards are required				
Unit	Unit Title	Level	Credit	Tick
22475	Set up and prepare for drilling operations in a non-hydrocarbon drilling environment	3	15	✓
22476	Run on site operations in a non-hydrocarbon drilling environment	3	15	✓
22477	Carry out operational maintenance in a non-hydrocarbon drilling environment	3	15	✓
22478	Carry out informal on the job training in a non-hydrocarbon drilling environment	3	8	✓
TOTAL OF 53 COMPULSORY CREDITS REQUIRED			53	

CORE ELECTIVE 1 – A minimum of 5 credits at Level 3 or above is required from anywhere on the National Qualifications Framework.

CORE ELECTIVE 2 – A minimum of 12 credits				
Unit	Unit Title	Level	Credit	Tick
8638	Drive on snow and/or ice	3	3	
16617	Use a truck loader crane to lift and place loads	3	15	
16701	Demonstrate knowledge and skills for driving on a road for endorsement W (wheels)	3	3	
16703	Demonstrate knowledge and skills for driving on a road for endorsement T(tracks)	3	3	
17602	Apply hazard identification and risk assessment procedures in the workplace	3	4	
17976	Demonstrate knowledge of operating a light four wheel drive (4WD) vehicle in an off-road environment	3	4	
17978	Operate a light four wheel drive (4WD) vehicle in an off-road environment	3	4	
18496	Demonstrate knowledge and skills for driving on a road for endorsement F (forklifts)	3	2	

CORE ELECTIVE 3 – A minimum of 1 standard				
Unit	Unit Title	Level	Credit	Tick
22482	Conduct air drilling in a non-hydrocarbon environment	3	20	
22482	Conduct continuous flight auger drilling in a non-hydrocarbon environment	3	20	
22484	Conduct large diameter auger drilling in a non-hydrocarbon environment	3	20	
22485	Conduct conventional core drilling in a non-hydrocarbon environment	3	20	
22486	Conduct wireline core drilling in a non-hydrocarbon environment	3	20	
22491	Conduct mud rotary drilling in a non-hydrocarbon environment	3	20	
22492	Conduct raiseboring in a non-hydrocarbon environment	3	20	
22493	Conduct cable tool drilling in a non-hydrocarbon environment	3	20	
22494	Conduct down hole hammer drilling in a non-hydrocarbon environment	3	20	
22495	Conduct top hole hammer drilling in a non-hydrocarbon environment	3	20	

OPTIONAL STRANDS

ENVIRONMENTAL/GEOTECHNICAL – The following standard is required				
Unit	Unit Title	Level	Credit	Tick
22479	Construct monitoring bores in a non-hydrocarbon environment	3	15	

WATER WELL – The following standard is required				
Unit	Unit Title	Level	Credit	Tick
22481	Construct multiple aquifer production bores in a non-hydrocarbon drilling environment	3	20	

Summary of Requirements

- Core Compulsory standards
- Core Elective 1 – A minimum of 5 credits as specified
- Core Elective 2 – A minimum of 12 credits as specified
- Core Elective 3 – A minimum of 1 standard as specified

The following strands are optional

- Environmental/Geotechnical Optional Strand
- Water Well Optional Strand

Prerequisite

National Certificate in Drilling – Non-hydrocarbon (Driller's Assistant) (Level 2), or demonstrate equivalent skills and knowledge.