

Summary of main changes proposed for Edition 2 of Connexis NZQA programme number 124816 leading to the New Zealand Certificate in Piling (Level 4) NZQA Ref 3966 v2:

For assessment purposes:

- Graduate profile outcomes 1 and 4, and relevant unit standards, will be combined.
- Some of the credits achieved in graduate profile outcome 4 standards to be allocated towards the achievement graduate profile outcome 3, also.

The following unit standards will change from mandatory to electives:

- 31245 Plan for and lift, move, and place loads using mobile plant, in infrastructure works environments (Level 3) (Credits 10)
- 30915 Explain, operate, monitor, and review piling equipment operations for piling and deep foundation works (Level 4) (Credits 24)

There will be an expanded range of electives including the addition of new unit standards 33278-33283, 33425 and 33426 (highlighted in the Unit standard table below)

Overall programme credit value remains the same and learner choices are increased.

Note: As you review the proposed programme, the following information will be provided to guide Connexis, trainees and employers in developing individual training plans for trainees who are **not** Operators:

Employees who are not employed as Operators should select from the following Elective Unit Standards that contribute credits towards Graduate Profile Outcomes 1, 3 and 4.

- 30912 Prepare for and complete procedures for onsite piling and deep foundation works (Level 4) (Credits 20)
- 31246 Install bored piles for infrastructure structural foundation works (Level 4) (Credits 15)
- 31247 Install driven piles for infrastructure structural foundation works (Level 4) (Credits 15)
- 33278 Prepare for and install anchors for onsite piling and deep foundation works (Level 4) (Credits 15)
- 33279 Prepare for and install sheet piles for onsite piling and deep foundation works (Level 4) (Credits 15)
- 33280 Prepare for and install continuous flight auger piles for onsite piling and deep foundation works (Level 4) (Credits 15)

Graduate Profile Outcomes	Version 1	Credits	Changes from V1 to V2	Version 2	Credits
1	Integrate health and safety requirements into workplace practices for piling on infrastructure worksites.	35	Graduate profile outcome wording change. To be combined with graduate outcome 4 for assessment purposes. Includes the addition of new elective unit standards.	Implement company health and safety requirements to ensure the safety of the team during piling operations.	35
2	Implement plans and drawings to complete piling on infrastructure worksites.	20	Graduate profile outcome minor wording change only.	Implement plans and drawings to complete worksite piling operations.	20
3	Monitor site conditions and communicate with stakeholders on site to meet compliance requirements for infrastructure piling.	35	Graduate profile outcome minor wording change. Increase of credits required, to be allocated from excess achieved credits within graduate profile outcome 4.	Monitor site conditions and communicate with stakeholders on site to meet the requirements of the work plan.	45
4	Install piles to meet job specifications and quality outcomes on infrastructure worksites.	60	Graduate profile outcome minor wording change. Decrease of credits required, excess to be allocated towards credits required in graduate profile outcome 3.	Install piles to meet job specifications and the requirements of the quality plan.	50

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Graduate Profile Outcomes	Proposed Mandatory Unit Standards:
1 and 4 combined	30265 Apply health and safety risk assessment to a job role (Level 3) (Credits 8)
	30269 Develop a health and safety working culture for a team within an organisation (Level 4) (Credits 4)
	30912 Prepare for and complete procedures for onsite piling and deep foundation works (Level 4) (Credits 20)
2	30913 Implement work plans for onsite piling and deep foundation works (Level 4) (Credits 20)
3	30914 Coordinate site personnel and monitor onsite piling and deep foundation works (Level 4) (Credits 25)
	30809 Support and mentor an infrastructure works team onsite (Level 4) (Credits 10)
1 and 4 combined	Proposed Elective Unit Standards (A minimum of 65 credits are to be selected from the following)
	31245 Plan for and lift, move, and place loads using mobile plant, in infrastructure works environments (Level 3) (Credits 10)
	17310 Operate a hydraulic excavator on infrastructure works sites (Level 3) (Credits 20)
	17309 Operate a wheeled loader on infrastructure works sites (Level 3) (Credits 20)
	23637 Operate a telescopic handler under 7 metres in size with attachments (Level 3) (Credits 10)
	33425* Operate a telehandler above 12 metres in size with stabiliser (Level 3) (5 credits)
	33426* Operate a rotating telehandler (Level 3) (5 credits)
	31246 Install bored piles for infrastructure structural foundation works (Level 4) (Credits 15)
	31247 Install driven piles for infrastructure structural foundation works (Level 4) (Credits 15)
	30915 Explain, operate, monitor, and review piling equipment operations for piling and deep foundation works (Level 4) (Credits 25)
	33278* Prepare for and install anchors for onsite piling and deep foundation works (Level 4) (Credits 15)
	33279* Prepare for and install sheet piles for onsite piling and deep foundation works (Level 4) (Credits 15)
	33280* Prepare for and install continuous flight auger piles for onsite piling and deep foundation works (Level 4) (Credits 15)
	33281* Assess and monitor ground conditions for onsite piling and deep foundation works (Level 4) (Credits 10)
	33282* Prepare, use, and carry out maintenance on a fixed mast drill rig for onsite piling and deep foundation works (Level 4) (Credits 20)
	33283* Prepare, use, and carry out maintenance on a pendulum drill rig for onsite piling and deep foundation works (Level 4) (Credits 20)

*New Unit Standards