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| Title | Implement work plans for onsite piling and deep foundation works | | |
| Level | 4 | Credits | 20 |

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| Purpose | People credited with this unit standard are able to implement work plans for onsite piling and deep foundation works. |
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| Classification | Infrastructure Works > Structural Foundations |
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| Available grade | Achieved |
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Guidance Information

- 1 Learning and assessment within this unit standard must be carried out in an infrastructure works environment and in accordance with the following, as relevant to role, and any subsequent amendments:
 - Health and Safety at Work Act 2015;
 - Resource Management Act 1991;
 - Heritage New Zealand Pouhere Taonga Act 2014;
 - Hazardous Substances and New Organisms Act 1996.

- 2 Definitions

Company requirements include the policy, procedures, and methodologies of the company. They include legislative and regulatory requirements that may apply across the company or to a specific site. Requirements are documented in the company health and safety plans, traffic management plans, contract work programmes, quality plans, policies, and procedural documents.

Operating process may include but is not limited to – layout, levels, positioning, drilling shaft, reinforcing, casing installation and removal, tremie pour, over pour, piling, soil removal.

Quality plan refers to any contract specific policy, processes, procedures, testing or certification requirements.

Work plans refer to any job specifications or plans given to the operator prior to undertaking a job.

Outcomes and performance criteria

Outcome 1

Implement work plans for onsite piling and deep foundation works.

Performance criteria

- 1.1 Task analysis is completed, work plans for onsite works are confirmed, and daily tasks are communicated to personnel in accordance with company requirements.

- 1.2 Operating process for piling and deep foundation work is implemented in terms of company requirements.
- 1.3 Quality assurance requirements are implemented in accordance with the quality plan.
- 1.4 Scheduling requirements are followed in accordance with timing of delivery of resources, materials and operating equipment.
- 1.5 Temporary structures are constructed in accordance with work plans.
- 1.6 Installation of steel cages, sleeves, casings or shutters is completed safely and meets the requirements of the work plans and company procedures.
- 1.7 Work plans are implemented and solutions in terms of issues with equipment, operating process or procedures, are discussed and confirmed with a foreman or supervisor prior to implementation.
- 1.8 Daily diary is completed in accordance with company requirements.

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| Planned review date | 31 December 2022 |
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Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|-----------------|--------------------------|
| Registration | 1 | 25 January 2018 | N/A |

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| Consent and Moderation Requirements (CMR) reference | 0101 |
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Connexis Infrastructure ITO qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.