

Title	Assess contract documents and select and allocate resources for infrastructure works projects		
Level	5	Credits	8

Purpose	<p>This unit standard is for people who have the responsibility and authority to coordinate and oversee the selection and allocation of resources for infrastructure works projects; either on a large project with a number of teams, or multiple projects.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – assess contract documents to determine plant, equipment, and vehicle requirements; – select resources for infrastructure works projects; and – allocate resources to infrastructure works projects.
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Classification	Infrastructure Works > Infrastructure Works Supervision
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Available grade	Achieved
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Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with relevant legislative and industry requirements.
- 2 Legislation relevant to this unit standard include: Health and Safety at Work Act 2015; and all subsequent amendments and replacements.
- 3 Definitions
Industry requirements refer to relevant policies, processes, methodologies, industry codes of practice, site specific health and safety plans, standard operating procedures, site safety plans, quality plans, work plans, traffic management plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer's requirements, contract specifications, manuals, procedural documents.
Resources refer to plant, equipment, vehicles, and operators.

Outcomes and performance criteria

Outcome 1

Assess contract documents to determine plant, equipment, and vehicle requirements.

Performance criteria

- 1.1 Contract plans and specifications are assessed for scope, cost, time scale, and quality.
- 1.2 Prospective project conditions are determined.
- Range may include but is not limited to – logistics, ground conditions, climate, ground temperature, environmental protection, altitude, proximity to public facilities, traffic flow; evidence of five project conditions is required.
- 1.3 Characteristics of required materials are determined in accordance with contract specifications.
- Range may include but is not limited to – type, volume, weight, workability, handling, consistency, hazardous substances; evidence of four characteristics is required.
- 1.4 Restrictions imposed on plant, equipment, and vehicle selection by task and worksite requirements are determined in accordance with contract specifications.
- Range location, materials, topography, health, safety, environment, proximity to public facilities, adjacent work, legal requirements, work time restrictions.

Outcome 2

Select resources for infrastructure works projects.

Performance criteria

- 2.1 Plant, equipment, and vehicles are assessed for suitability to meet task and worksite requirements.
- Range type, quantity, time, capacity, performance, productivity, specification, quality, serviceability.
- 2.2 Availability of company plant, equipment, and vehicles is determined.
- Range cost, suitability, serviceability, time, place; may include but is not limited to – warrant of fitness, certificate of fitness, certificate of loading, hubodometers; evidence of two documents is required.
- 2.3 Skills of available operators are checked against project requirements.
- Range competencies, licences, training, qualifications.

2.4 Cost and time for use of plant, equipment, and vehicles are estimated.

Range target costs, utilisation, performance, output, specifications, quality.

2.5 Plant, equipment, and vehicles are selected.

Outcome 3

Allocate resources to infrastructure works projects.

Performance criteria

3.1 Plant, equipment, and vehicle requirements are planned to meet infrastructure works programmes.

Range forecasts, sequence, lead time, delivery dates, cost, recording, scheduled maintenance (includes refuelling).

3.2 Plant, equipment, and vehicles are procured.

3.3 Plant, equipment, and vehicles are obtained and allocated in accordance with industry requirements for priorities, records, reporting, and returns.

3.4 Operating personnel are assigned.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	30 July 1996	31 December 2012
Revision	2	9 March 1999	31 December 2012
Review	3	30 May 2000	31 December 2012
Review	4	25 September 2006	31 December 2012
Review	5	18 March 2011	31 December 2023
Review	6	28 October 2021	N/A

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 Connexis - Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.