

Title	Assess worksite conditions, deploy, and monitor resources for daily activities on an infrastructure worksite		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to: assess worksite conditions on an infrastructure worksite; match plant, equipment, materials, vehicles and personnel to daily worksite activities; and deploy and monitor plant, equipment, personnel and vehicles on worksite activities.
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Classification	Infrastructure Works > Infrastructure Works Supervision
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Available grade	Achieved
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Guidance Information

- 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.
- Legislation and references relevant to this unit standard include:
 - Health and Safety at Work Act 2015, available from www.legislation.govt.nz;
 - Approved Code of Practice for Operator Protective Structures on Self-Propelled Mobile Mechanical Plant*, available from <https://worksafe.govt.nz>;
 - Operator Safety Manual for Earthmoving Machinery*, available from www.civilcontractors.co.nz.
- 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.
Worksite requirements refer to the location, materials, topography, environment, proximity to public facilities, adjacent work, and legal requirements.
Resources refer to plant, equipment, vehicles, and operators.

Outcomes and performance criteria

Outcome 1

Assess worksite conditions on an infrastructure worksite.

Performance criteria

- 1.1 Worksite conditions are assessed to determine if the activities for that day can be delivered.
- 1.2 Changes to worksite conditions and daily activities are recorded in accordance with industry requirements.

Outcome 2

Match plant, equipment, materials, personnel and vehicles to daily worksite activities.

Performance criteria

- 2.1 Suitability of plant, equipment, materials, personnel, and vehicles are assessed to meet task and worksite requirements.
- 2.2 Plant, equipment, materials, personnel, and vehicle requirements for worksites are planned in relation to daily worksite activities.

Range weather forecasts, sequence, lead-time, delivery dates, cycle times, recording.
- 2.3 Plant, equipment, materials, personnel, and vehicles are confirmed as available within worksite time restraints.

Outcome 3

Deploy and monitor plant, equipment, materials, personnel and vehicles on worksite activities.

Performance criteria

- 3.1 Plant, equipment, materials, and vehicles are obtained and issued.
- 3.2 Operating personnel are assigned and monitored.
- 3.3 Adjustments to meet contingencies are made to planned use of plant, equipment, materials and personnel.
- 3.4 Cost and time for use of plant, equipment, personnel, and vehicles are monitored and recorded.
- 3.5 Hired plant, if required, is sourced and utilised, monitored, and recorded in accordance with hire company requirements.

Planned review date	31 December 2029
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 March 2011	31 December 2021
Review	2	30 August 2018	31 December 2023
Review	3	29 July 2021	31 December 2026
Review	4	12 December 2024	N/A

Consent and Moderation Requirements (CMR) reference

0101

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@WaihangaAraRau.nz if you wish to suggest changes to the content of this unit standard.