

<b>Title</b>	<b>Conduct safety checks before and after plant and equipment use at an infrastructure site</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to conduct pre-start and maintenance checks prior equipment usage – including post operation parking, machine checks and shut-down.
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<b>Classification</b>	Infrastructure Industries > Infrastructure Industries Management
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Performance of the outcomes of this unit standard must comply with the following:  
Health and Safety at Work Act 2015 (HSW);  
Health and Safety at Work (General Risk and Workplace Management) Regulations 2016;  
Health and Safety at Work (Worker Engagement, Participation, and Representation) Regulations 2016;  
approved codes of practice issued pursuant to the HSW Act.  
Civil Contractors New Zealand Operation Safety Manual.
- 2 Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- 3 **Definitions**  
*Company procedures* mean the documented methods for performing work activities and include health and safety, operational, environmental, and quality management requirements. They may refer to legislation, regulations, guidelines, standard operating procedures, manuals, codes of practice, or policy statements.  
*Industry best practice* may be documented in management plans, control plans, company procedures, managers' rules, occupational health and safety policy, industry guidelines, codes of practice, manufacturers' instructions, and safe working and/or job procedures (or equivalent).
- 4 This unit standard is intended for, but is not limited to, workplace assessment.

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### Outcomes and performance criteria

**Outcome 1**

Conduct pre-start checks before and after equipment use at an infrastructure site.

Range surface or construction on a work site, fixed or mobile plant.

**Performance criteria**

- 1.1 Safety and maintenance checks for equipment to be used are identified in terms of the manufacturer's safety inspection requirements and company requirements.  
  
Range includes but is not limited to – machine and equipment pre-plant checks, guards, covers and general condition.
- 1.2 Equipment is rendered inactive where required to carry out inspection and pre-plant start-up in accordance with manufacturer's requirements and company requirements.
- 1.3 A visual safety check is conducted on equipment parts to meet the manufacturer's requirements.
- 1.4 Safety items are checked to ensure safe working status in accordance with manufacturer's requirements, and company procedures.
- 1.5 Equipment is tested, where required, in accordance with manufacturer's requirement, and company procedures.
- 1.6 Results of the maintenance and safety checks are documented and reported to the required personnel in accordance with manufacturer's requirements, and company procedures.
- 1.7 Hazardous items and equipment identified by the safety check are rendered inactive or withdrawn in accordance with manufacturer's requirements, and company procedures.
- 1.8 Ineffective items and equipment identified by the safety check are immediately reported to the supervisor in accordance with manufacturer's requirements, and company procedures.