



Australian Government

RIICCM206 Support plant operations

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Modification History

Release	Comments
1	This unit of competency was first released in RII Resources and Infrastructure Industry Training Package Release 11.0.

Application

This unit describes the skills and knowledge required to support plant operations in civil construction, including locating and marking services and assisting and providing guidance support to operators.

It applies to those working in an assistant role. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures and take some responsibility for the quality of work outcomes.

Licensing/Regulatory Information

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite unit(s)

No pre-requisite units

Competency field(s)

N/A

Unit sector(s)

Civil construction

Elements and Performance Criteria

Element	Performance criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element. Required knowledge, skills and application should be considered and clearly articulated.</i>
1. Plan and prepare for work	1.1 Access and apply relevant safety planning documentation, including safe work method statements (SWMS), job safety analyses (JSA) or equivalents, and safe operating procedures (SOP) or safe

	working instructions (SWI), in accordance with applicable legislation, regulatory requirements and worksite instructions 1.2 Confirm own responsibilities in relation to work task with relevant worksite personnel in accordance with worksite procedures 1.3 Identify and address potential risks and hazards in accordance with work health and safety (WHS) requirements and within scope of own role 1.4 Wear designated personal protective equipment (PPE) prescribed in site signage, JSA/SWMS (or their equivalents) after checking its serviceability 1.5 Confirm emergency procedures and prepare for accidents and emergencies in accordance with WHS requirements and worksite or manufacturer instructions 1.6 Plan task sequencing, timing and methods in accordance with worksite requirements 1.7 Prepare work areas in coordination with relevant personnel and in accordance with worksite instructions 1.8 Check and confirm that machine servicing status is within the required service interval prior to commencing work, in accordance with WHS requirements and worksite or manufacturer instructions 1.9 Confirm and comply with environmental protection, safety and traffic management signage requirements in accordance with regulatory requirements and worksite instructions
2. Identify and protect services	2.1 Verify that services have been identified to the required level and that control measures are in place when operating near services, in accordance with relevant Australian Standards, applicable legislation, regulatory requirements and utility service requirements 2.2 Set up any required exclusion zones in accordance with the requirements of the SWMS/JSA (or their equivalents) 2.3 Advise plant operators of the location of service markers in accordance with WHS requirements and worksite instructions
3. Support plant operators	3.1 Identify unsafe conditions or the potential to damage property and communicate their presence to the plant operator in accordance with WHS requirements and worksite requirements 3.2 Support the plant operator to achieve compliance by continuously checking and monitoring levels in accordance with manufacturer instructions or worksite instructions 3.3 Direct plant and truck movements to identified and signposted loading or unloading locations, in accordance with worksite requirements

4. Conduct housekeeping activities	4.1 Complete post-operational checks and record/report faults or defects in line with workplace requirements 4.2 Clear the work area and dispose of or recycle materials in accordance with worksite requirements 4.3 Clean, check and store tools and equipment in accordance with manufacturer instructions and worksite instructions 4.4 Complete checklists, logbooks and if required, fault or defect reports in accordance with worksite instructions
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Range of conditions

N/A

Assessment Requirements for RIICCM206 Support plant operations

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements and performance criteria of this unit, including evidence of the ability to:

- support plant operations on at least **two** occasions, including:
 - spotting for at least **two** different activities on **each** occasion involving excavation, fill, spreading of imported material and trimming
 - verify location of services on separate projects.

During the above, the candidate must:

- locate and apply relevant safety planning document (Safe Work Method Statement [SWMS] or Job Safety Analysis [JSA]) and Safe Operating Procedures (SOP) or Safe Working Instructions (SWI)
- work with others to undertake and complete the planning and organisation of work, including:
 - communicating with others to receive and clarify work instructions prior to commencing and during work activities
 - using communication techniques and equipment to convey information to others, including signage to advise others of work activity and exclusion zones
 - completing reporting requirements and procedures.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements and performance criteria of this unit. This includes:

- typical hazards and risks when working around plant, including:
 - struck-by plant
 - caught between plant items
 - noise
 - dust
 - vibration
- control measures commonly used in SWMS/JSA, including:
 - exclusion zones
 - traffic control
 - worker responsibilities during accidents or incidents
 - work health and safety standards relevant to plant operations

- requirements and procedures for selecting personal protective equipment (PPE), checking PPE serviceability, and ensuring correct fit
- identifying and protecting services, including:
 - common underground and overhead services and associated risks
 - methods of identifying and marking services
 - requirements for barriers, signs, and controls to protect services
- policies, procedures and documentation required to support plant operations, including those relating to:
 - roles and responsibilities of support personnel when assisting plant operators
- housekeeping activities, including:
 - cleaning work area
 - cleaning and maintaining the condition of equipment
 - waste management
 - processing records
 - using required tools and equipment safely
 - organising work activities
 - job safety analyses (JSA), job safety environmental analyses (JSEA), and safe work method statements (SWMS).

Assessment Conditions

Mandatory conditions for assessment of this unit are stipulated below. The assessment must:

- include access to:
 - personal protective equipment (PPE)
 - equipment required to support plant operations
 - relevant documentation
- be conducted in a safe environment; and,
- be assessed in context of this sector's work environment; and,
- be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- confirm consistent performance can be applied in a range of relevant worksite circumstances.

Assessor Requirements

In addition to the requirements in applicable vocational education and training legislation, frameworks and/or standards, assessors and industry experts must also have a minimum of

two (2) years industry experience, directly relevant to the training and assessment being provided.

Mandatory Workplace Requirements

Assessment of performance evidence may be in a workplace setting or an environment that accurately represents a real workplace.

Unit Mapping Information

Previous Code and Title	Equivalence	Comments
RIICCM206E Support plant operations	Equivalent	Supersedes and is equivalent.

Links

Companion volumes, including implementation guides, are found on the national training register - <https://training.gov.au/training/details/RII>.