



Australian Government

RIIMCP301D Monitor plant operations for coal preparation

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIIMCP301A Monitor plant operations for coal preparation
2	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

This unit describes a participant's skills and knowledge required to monitor plant operations for coal preparation in the Coal Mining.

This unit is appropriate for those working in operational roles. Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and Industry sectors. Relevant information must be sourced prior to application of this unit.

Elements and Performance Criteria

1 Plan and Prepare for monitor plant operations for coal preparation	1.1 Access, interpret and monitor plant operations for coal preparation documentation and ensure the work activity is compliant 1.2 Obtain and interpret by name, number and/or code and function all appropriate process equipment and plant 1.3 Carry out pre-start and start-up procedures 1.4 Interpret and apply basic mineralogy information required to complete the processes in accordance with site requirements 1.5 Select and wear personal protective equipment appropriate for work activities 1.6 Identify, address and report potential hazards and risks 1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2 Monitor preparation plant processes	2.1 Identify the limitations and capabilities of plant processes and report detail to control 2.2 Monitor plant processes and pass reports to control

	2.3 Monitor the operation of equipment and the use of materials and pass reports to control 2.4 Report and record all information required to maintain coal preparation plant processes 2.5 Continually monitor and report potential hazards and risks
3 Support coal preparation processes	3.1 Note the results of continuous inspections and identify and locate all faults by name, number and/or code and rectify and/or report all faults 3.2 Complete housekeeping duties throughout the worksites 3.3 Carry out operational reporting, complete and process documentation

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

RIIMCP301A Monitor plant operations for coal preparation

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>

Assessment Requirements for RIIMCP301D Monitor plant operations for coal preparation

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Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies applicable documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of coal preparation plant operations monitoring including:
 - conducting prestart, shutdown and secure of equipment
 - identifying and reporting all potential hazards, risks, environmental issues
 - applying operational safety requirements
 - accessing, interpreting and applying technical information
- works with others to undertake and complete the monitoring of coal preparation plant operations including:
 - using a range of communications techniques and equipment to convey information to others
 - maintaining written and verbal reporting requirements and procedures
- communicating clearly and concisely with others to receive and clarify work instructions
- demonstrates completion of monitoring plant operations for coal preparations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - monitoring plant processes operations of equipment
 - checking quantity and quality of coal
 - identifying faults by name and number or code
 - completing written report of coal operation outcomes

Knowledge Evidence

The candidate must demonstrate knowledge when monitoring plant operations for coal preparation through:

- equipment/plant characteristics, technical capabilities and limitations
- equipment/plant operating procedures
- basic mineralogy related to coal quality
- basic geological and survey data
- relevant chemicals, materials and their environment effects
- Hazchem related to the work area
- impact of processes on customer quality requirements
- being prepared for fire/accident/emergency

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit must be assessed in the context of this sector's work environment; and,
- this unit must 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,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,
- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,
- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years

Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this Unit is being assessed outside of the Resources and Infrastructure Sectors assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.	

*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

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