



Australian Government

RIIPRO303D Conduct sand wash plant operations

Release: 2

RIIPRO303D Conduct sand wash plant operations

Modification History

Release	Comment
1	This unit replaces RIIPRO303A Conduct sand wash plant operations
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 develops a participant's skills and knowledge required to conduct sand wash plant operations in Extractive.

This unit is appropriate for those working in operational roles

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

Unit Sector

Extractive

Elements and Performance Criteria

1. Plan and prepare for sand wash plant operations	1.1 Access, interpret and apply sand wash plant documentation, and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures 1.4 Select and wear correct personal protective equipment appropriate for work activities 1.5 Inspect and prepare work area in coordination with others 1.6 Select, and check for faults, plant, tools and equipment to carry out tasks 1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
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2. Operate the sand wash plant	2.1 Coordinate activities with others prior to commencing and during work activities 2.2 Carry out pre-start, start-up and shutdown procedures 2.3 Select and modify the operating technique to appropriately meet changing work conditions 2.4 Conduct, control and monitor operations within the equipment limitations, maintaining sand wash efficiency and effectiveness 2.5 Act on or report monitoring systems and alarms 2.6 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment 2.7 Complete the work plan
3. Carry out post-operational procedures	3.1 Inspect, fault find and report 3.2 Carry out operational maintenance, servicing, lubricating and housekeeping tasks 3.3 Maintain, process and pass on records and reports

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

RIIPRO303A Conduct sand wash plant operations

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 RIIPRO303D Conduct sand wash plant operations

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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 sand wash plant operations including:
 - conducting prestart, start up and shut-down operations
 - applying diagnostic techniques
 - selecting and using relevant tools
 - working wearing personal protective equipment
 - hazardous goods handling and management
 - using alarm/monitoring and control systems
 - applying hazard identification and management procedures
 - conducting operations monitoring
 - conducting problem solving
 - identifying, reporting and addressing contamination
 - applying chemical and fuel safety measures
 - accessing, reading, interpreting and applying technical information
 - working in confined space
- works effectively with others to undertake and complete sand wash plant operations that meets all of the required outcomes including:
 - using a range of communications techniques and equipment to convey information to others

- complying with written and verbal reporting requirements and procedures
- clarifying work requirements and instructions
- inspecting and preparing work area and equipment
- demonstrates completion of sand wash plant operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - completing work plan
 - carry out pre-start, start up and shut down procedures
 - select and modify operating techniques according to activity
 - conduct, control and monitor sand wash operations
 - identify and respond to alarms and signals
 - completing post operational activities

Knowledge Evidence

The candidate must demonstrate knowledge in conducting sand wash plant operations through:

- sand wash plant operations
- site product characteristics

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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