



Australian Government

RIISAM202D Isolate and access plant

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIISAM202A Isolate and access plant
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.
3	Corrected Performance Evidence bullet levels. No new content.

Application

This unit describes a participant's skills and knowledge required to isolate and access plants in Resources and Infrastructure Industry.

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.

Elements and Performance Criteria

1. Plan and prepare for isolate and access plant	1.1 Access, interpret and apply isolate and access plant documentation and ensure the work activity is compliant 1.2 Identify, record and confirm item of plant, and work to be carried out 1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Identify and apply written or verbal permit procedure 1.6 Obtain permit clearance before commencing work activity 1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Isolate plant	2.1 Resolve coordination requirements with others at the site prior to commencing and during isolation activities

	2.2 Establish and maintain a safe working area 2.3 Ensure isolation of all required energy sources and immobilisation of potential energy sources 2.4 Place locks and tags on isolation devices in accordance with the type of permit procedure 2.5 Identify and report breaches in permit procedure safety to authorised personnel
3. Complete permit-to-work form	3.1 Complete statement of isolations 3.2 Complete sign-on and sign-off requirements 3.3 Complete hand-over of plant and equipment
4. Return plant to service	4.1 Resolve coordination requirements with others at the site prior to commencing and during de-isolation activities 4.2 Obtain confirmation that work has been completed and is ready for return to service 4.3 Check designated work to be completed with work/site contract and/or site procedure 4.4 Remove locks and tags from isolation devices 4.5 Restore energy sources 4.6 Identify and correct or report situations, which may endanger individuals or workers 4.7 Confirm all permits are cancelled before plant is brought back into operation

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

RIISAM202A Isolate and access plant

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 RIISAM202D Isolate and access plant

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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 relevant documentation, policies and procedures
- works effectively with others to undertake and complete the isolate and access plant that meets all of the required outcomes including:
 - complying with written and verbal reporting requirements and procedures
 - communicating clearly and concisely with others to receive and clarify work instructions
 - communicating clearly and concisely with others to resolve coordination requirements prior to commencing and during work activities
- demonstrates completion of isolating and accessing plant that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - isolation of plant including:
 - energy sources and immobilisation of potential energy sources
 - locks and tags on isolation devices
 - identifying and reporting breaches in permit procedure
 - completing permit to work form including:
 - statement of isolations
 - sign-on and sign-off
 - hand-over of plant and equipment
 - returning plant to service including:

- obtaining confirmation and checking that work has been completed
- removing locks and tags
- restoring energy sources
- identifying and correcting or reporting risks, hazards or issues
- confirming all permits are cancelled before plant is brought back into operation

Knowledge Evidence

The candidate must demonstrate knowledge in Isolate and access plant through:

- applying plant and equipment isolation points
- identifying and managing potential plant and site hazards
- concise completion of permit-to-work system and documentation
- Identifying isolation devices — type and purpose

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 is best assessed in the context of this sector's work environment;
- where personal safety or environmental damage are limiting factors, assessment may occur in a simulated environment provided it is realistic and sufficiently rigorous to cover all aspects of this sector's workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills; 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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