



Australian Government

RIISAM207D Apply operational maintenance skills

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIISAM207A Apply operational maintenance skills.
2	Performance Criteria distribution and wording amended.
3	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 apply operational maintenance skills in the Resources and Infrastructure Industries.

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 the unit.

Elements and Performance Criteria

1. Plan and prepare for applying operational maintenance skills	<p>1.1 Access, interpret and apply operational maintenance skills documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures</p> <p>1.4 Select and wear personal protective equipment appropriate for work activities</p> <p>1.5 Identify and obtain appropriate tools required for the work activity</p> <p>1.6 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p> <p>1.7 Inspect and prepare tools for use and report faults</p>
2. Identify and respond	2.1 Apply site safety information and procedures, including

to basic faults in mechanical systems	<p>isolation procedures, when working with mechanical systems</p> <p>2.2 Identify general components of mechanical systems, and their functions</p> <p>2.3 Apply techniques to identify and respond to faults in mechanical systems</p> <p>2.4 Rectify and report faults in mechanical systems</p> <p>2.5 Use tools correctly and safely for their intended purpose in a mechanical context</p>
3. Identify and respond to basic faults in electrical systems	<p>3.1 Apply site safety principles and procedures, including isolation procedures, when working with electrical systems</p> <p>3.2 Identify components and functions of basic electrical circuitry</p> <p>3.3 Apply techniques to identify and respond to faults in electrical systems</p> <p>3.4 Rectify and report faults in electrical systems</p> <p>3.5 Use tools correctly and safely for their intended purpose in an electrical context</p>
4. Identify, select and use fasteners	<p>4.1 Apply site safety systems and procedures, including isolation procedures, when working with fasteners</p> <p>4.2 Identify fasteners and match with the work requirements</p> <p>4.3 Correctly use/apply fasteners</p>
5. Conduct housekeeping activities	<p>5.1 Identify and complete tool maintenance requirements</p> <p>5.2 Clean tools after use and return/store</p> <p>5.3 Clear work area and dispose of discarded materials</p>

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

RIISAM207A Apply operational maintenance skills

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>

