



Australian Government

RIISAM207E Apply operational maintenance skills

Release: 1

RIISAM207E Apply operational maintenance skills

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to apply operational maintenance skills in the resources and infrastructure industries.

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

Licensing, legislative and certification requirements may apply to this unit and can vary between states, territories and industry sectors. Users must check requirements with relevant body before applying the unit.

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.</i>
1. Plan and prepare for applying operational maintenance skills	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required to apply operational maintenance skills 1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures according to workplace procedures 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Identify and obtain appropriate tools required for the work activities 1.6 Inspect and prepare tools for use and report faults 1.7 Obtain and interpret emergency procedures, and be prepared for emergency situations
2. Identify and respond to basic faults in	2.1 Apply site safety systems and procedures relevant to mechanical systems, including isolation procedures, before commencing work

ELEMENT	PERFORMANCE CRITERIA
mechanical systems	activities 2.2 Identify components and functions of mechanical systems 2.3 Identify and respond to faults in mechanical systems according to workplace procedures 2.4 Rectify and report faults in mechanical systems to relevant personnel according to workplace procedures 2.5 Use tools safely according to manufacturer specifications
3. Identify and respond to basic faults in electrical systems	3.1 Apply site safety systems and procedures relevant to electrical systems, including isolation procedures, before commencing work activities 3.2 Identify components and functions of basic electrical circuitry 3.3 Identify and respond to faults in electrical systems according to workplace procedures 3.4 Rectify and report faults in electrical systems to relevant personnel according to workplace procedures 3.5 Use tools safely according to manufacturer specifications
4. Identify, select and use fasteners	4.1 Apply site safety systems and procedures relevant to electrical systems, including isolation procedures, before commencing work activities 4.2 Identify components and functions of fasteners and match the fasteners to the relevant work activity 4.3 Correctly use and apply fasteners according to manufacturer specifications
5. Conduct housekeeping activities	5.1 Clean and maintain plants and equipment, inspect for ensure serviceability and rectify or report any faults or issues to relevant personnel 5.2 Clear work area and dispose of materials according to workplace procedures 5.3 Process written maintenance records according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Reading	<ul style="list-style-type: none"> Identifies and interprets information from workplace procedures, documentation and regulations

SKILL	DESCRIPTION
Writing	<ul style="list-style-type: none">• Produces and completes written documents required for workplace procedures
Self-management	<ul style="list-style-type: none">• Monitors and minimises own exposure to worksite risks and hazards during activities

Unit Mapping Information

Supersedes and is equivalent to RIISAM207D Apply operational maintenance skills.

Links

Companion Volume implementation guides is found on VETNet -

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