



Australian Government

RIIBEF202D Identify and rectify site operating problems

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIIBEF202A Identify and rectify site operating problems
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 Criteria numbering for 2.5 and 2.6, and numbered elements no new content.

Application

This unit describes a participant's skills and knowledge required to identify and rectify site operating problems in the Resources and Infrastructure Industries.

This unit is appropriate for those working in an assistant role. 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. Identify operational processes, plant and equipment	1.1 Access, interpret and apply site policy and procedure documentation and ensure the work activity is compliant 1.2 Identify the links and effects on associated processes, outputs, plant and equipment 1.3 Identify the operating characteristics and limitations of processes and plant and equipment 1.4 Identify the process flow and interaction between processes and plant and equipment 1.5 Locate process routes and associated plant and equipment 1.6 Identify process control systems or centres and their function and location 1.7 Identify health and safety requirements and controls
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	1.8 Identify environmental requirements for site processes and plant and equipment
2. Monitor plant and equipment performance	2.1 Obtain, read and interpret the monitoring program and schedule 2.2 Confirm monitoring program and schedule with others 2.3 Interpret indicators, operations/shift reports, records and verbal information to identify faults/malfunctions in process or plant 2.4 Listen and visually inspect plant and equipment to identify operating problems/malfunctions 2.5 Monitor effectiveness of health and safety controls 2.6 Monitor effectiveness of environmental controls for processes, plant and equipment
3. Maintain plant and equipment performance	3.1 Make minor adjustments to plant and equipment controls, to maintain efficient operations 3.2 Rectify, or refer process, plant and equipment faults/malfunctions to relevant personnel for action 3.3 Identify major process, plant or equipment malfunctions and implement emergency shutdown procedures 3.4 Maintain effectiveness of health and safety controls 3.5 Maintain effectiveness of environmental controls for processes, plant and equipment 3.6 Report verbally and in writing problems/malfunctions and actions taken

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

RIIBEF202A Identify and rectify site operating problems

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 RIIBEF202D Identify and rectify site operating problems

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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
- demonstrates completion of identifying and rectifying site operating problems that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - monitoring plant and equipment performance according to monitoring programs
 - confirming and clarifying information from others to identify faults, problems or malfunctions which need rectifying
 - applying diagnostic and fault finding techniques when visually and physically inspecting plant and equipment
 - determining plant and equipment problems and malfunctions
 - adjusting plant and equipment to maintain optimum performance and function
 - identifying plant and equipment problems that require emergency shutdown procedures
 - rectifying problems within capability and reporting activity
 - reporting problems outside of capability and performing activities as instructed
 - reporting on problems and malfunctions
 - maintaining plant and equipment records

Knowledge Evidence

The candidate must demonstrate knowledge of identifying and rectifying site operating problems through:

- relevant, organisation, site requirements and procedures
- operational safety procedures
- operator responsibilities
- plant layouts
- operational procedures related to processes, plant and equipment carried out by the operator
- site communication procedures and systems
- process, plant and equipment type purpose, application, characteristics and limitations
- process, plant and equipment monitoring systems, programs and interpretation
- plant and equipment maintenance systems and procedures
- emergency shutdown procedures

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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