



Australian Government

RIIRAI504D Select and install surface plant and equipment

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIIRAI504A Select and install surface plant and equipment
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 describes a participant's skills and knowledge required to select and install surface plant and equipment in Metalliferous mining and Extractive.

This unit is appropriate for those working in management or technical specialist roles.

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

Unit Sector

Extractive

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare for surface plant and equipment selection and installation	1.1 Access, interpret and apply surface plant and equipment installation 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 personal protective equipment appropriate for work activities 1.5 Identify and communicate with internal and external stakeholders 1.6 Identify parameters to be applied in the identification and selection process 1.7 Draft the specification for plant and/or equipment that meets
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	the requirements of the identified parameters
2. Identify and select plant and/or equipment	2.1 Involve internal and external stakeholders in the identification and selection process, and gain their support for the outcomes 2.2 Identify options that meet the identification and selection parameters 2.3 Gather, validate and assess the data on the various options relevant to the identification and selection parameters 2.4 Analyse the various options and select the option that best meets the required parameters
3. Justify and recommend acquisition of plant/ equipment	3.1 Involve internal and external stakeholders in the justification and recommendation process, and gain their support for the outcomes 3.2 Draft the recommendation for the selected plant and/or equipment 3.3 Present the recommendation for plant and/or equipment to be acquired to relevant persons
4. Manage the installation of plant and/or equipment	4.1 Inform internal and external stakeholders of the outcomes of the approval process 4.2 Involve internal and external stakeholders in the planning for and conduct of the installation of plant and/or equipment, and gain their support for the outcomes 4.3 Select suppliers and contractors 4.4 Issue orders and/or contracts for the initiation of the project 4.5 Supervise and coordinate the safe, effective and efficient installation of the plant and/or equipment 4.6 Ensure records of cost are maintained and monitored against the budget
5. Manage the commission of plant and/or equipment	5.1 Involve internal and external stakeholders in the commissioning process and gain their support for the outcomes 5.2 Conduct risk assessment of new plant/equipment to determine control measures to be applied 5.3 Develop or revise operating procedures taking into account the requirements and characteristics of the new plan and/or equipment and the outcomes of the risk assessment 5.4 Provide training for all relevant personnel to cover any requirements of the new plant and/or equipment and the outcomes of the risk assessment 5.5 Supervise the operation, testing and adjustment of the

	plant/equipment and assess and record its performance against the specification 5.6 Acknowledge the completion of the installation and commissioning of the plant and/or equipment in accordance with the terms of the contract
6. Review and report on outcome of plant and/or equipment acquisition	6.1 Develop strategies and reporting mechanisms for the ongoing reporting of performance of plant and/or equipment 6.2 Ensure installation records and reports are maintained and forwarded to relevant personnel 6.3 Establish feedback mechanisms to ensure that the planning processes and outcomes are continuously improved 6.4 Review and report on the performance of suppliers or contractors and plant and equipment against specification and contract requirements and general performance

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

RIIRAI504A Select and install surface plant and equipment

Links

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