



Australian Government

RIISAM310D Install and commission plant, machinery and services

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIISAM310A Install and commission plant, machinery and services
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 install and commission plant, machinery and services in Civil construction, Metalliferous and Coal mining, and Extractive.

This unit is appropriate for those working in operational roles.

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

Unit Sector

Civil construction

Coal mining

Extractive

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare for installing and commissioning of plant, machinery and services	<p>1.1 Access, interpret and apply documentation for installing and commissioning plant, machinery and services and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3 Identify, address and report potential hazards, risks and environmental issues and implement control measures</p> <p>1.4 Select and wear personal protective equipment appropriate to</p>
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	<p>the work activities</p> <p>1.5 Obtain and interpret emergency procedures and be prepared for fire/accident/emergency</p> <p>1.6 Set up and schedule work</p> <p>1.7 Resolve coordination requirements with others at the site prior to commencing, during and on completion of work activities</p>
2. Select plant, machinery and mine services equipment	<p>2.1 Identify plant, machinery and mine services equipment options</p> <p>2.2 Gather, validate and assess the data on the various options</p> <p>2.3 Analyse the various options and select the options that best meet the required parameters</p> <p>2.4 Procure/obtain and organise delivery of plant, machinery and mine services delivery equipment to the mine-site</p>
3. Install plant, machinery and services	<p>3.1 Obtain, transport and prepare materials and resources required for installation</p> <p>3.2 Apply and monitor isolation procedures</p> <p>3.3 Install plant, machinery and services</p> <p>3.4 Perform installation work</p>
4. Commission plant, machinery and services	<p>4.1 Carry out inspection of installed plant and machinery</p> <p>4.2 Carry out pre-start checks</p> <p>4.3 Test and test run plant and machinery</p> <p>4.4 Configure and test the operation and capacity of mine services delivery equipment/lines</p> <p>4.5 Return plant and machinery to service</p> <p>4.6 Develop and document plant and machinery inspection and maintenance schedules</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

RIISAM310A Install and commission plant, machinery and services

Links

Companion Volume implementation guides are found in VETNet -

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