



Australian Government

**RIISAM304D Install, commission and
maintain major conveyor equipment and
systems**

Release: 2

RIISAM304D Install, commission and maintain major conveyor equipment and systems

Modification History

Release	Comment
1	This unit replaces RIISAM304A Install, commission and maintain major conveyor equipment and systems
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 develops a participant's skills and knowledge required to install, commission and maintain major conveyor equipment and systems in Coal Mining.

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

Coal mining

Elements and Performance Criteria

<p>1. Plan and prepare for installation, commissioning and maintenance of major conveyor equipment</p>	<p>1.1 Access, interpret and apply service and maintenance 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 the work activity</p> <p>1.5 Obtain and interpret emergency procedures and be ready for fire/accident/emergency</p> <p>1.6 Access, interpret and apply geological and survey data</p>
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	1.7 Obtain, transport and prepare materials and resources
2. Install conveyor equipment	<p>2.1 Communicate and coordinate activities with others prior to commencement of, and during, the work activity</p> <p>2.2 Apply and monitor isolation and tag out procedures throughout the work</p> <p>2.3 Install conveyor equipment and systems</p> <p>2.4 Perform work within the operating capacities of the allocated equipment</p>
3. Commission conveyor systems	<p>3.1 Carry out inspection of conveyors and belts and auxiliary componentry</p> <p>3.2 Carry out start-up and shut-down procedures</p> <p>3.3 Test and test run equipment</p>
4. Carry out operator maintenance	<p>4.1 Carry out conveyor equipment inspections and fault finding</p> <p>4.2 Carry out routine operational maintenance, servicing, lubrication and housekeeping tasks</p> <p>4.3 Carry out minor maintenance</p> <p>4.4 Provide operator support during preparation for, and conduct of, major maintenance tasks</p> <p>4.5 Process records</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

RIISAM304A Install, commission and maintain major conveyor equipment and systems

Links

Companion Volume implementation guides are found in VETNet -

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