



Australian Government

RIISAM304E Install, commission and maintain major conveyor equipment and systems

Release: 1

RIISAM304E Install, commission and maintain major conveyor equipment and systems

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 install, commission and maintain major conveyor equipment and systems in the resources and infrastructure industries.

It applies to those working in supervisory and technical specialist roles. They generally work under minimal supervision to undertake a broad range of skilled applications in varied work contexts, using some discretion and judgement in selecting equipment, services or contingency measures.

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 installation, commissioning and maintenance of major conveyor equipment	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required to install, commission and maintain major conveyor equipment and systems 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 the work activity 1.5 Obtain and interpret emergency procedures, and be prepared for emergency situations 1.6 Access, interpret and apply geological and survey data 1.7 Obtain, transport and prepare materials and resources for the

ELEMENT	PERFORMANCE CRITERIA
	work activities
2. Install conveyor equipment	2.1 Communicate and coordinate activities with others prior to commencement of, and during, the work activity 2.2 Apply and monitor isolation and tag out procedures throughout the work according to workplace procedures 2.3 Install conveyor equipment and systems according to manufacturer specifications 2.4 Perform work within the operating capacities of the allocated equipment
3. Commission conveyor systems	3.1 Carry out inspection of conveyors and belts and auxiliary componentry according to workplace procedures 3.2 Carry out start-up and shut-down procedures according to workplace procedures 3.3 Test and test run equipment according to workplace procedures
4. Carry out operator maintenance	4.1 Carry out conveyor equipment inspections and fault finding according to workplace procedures 4.2 Carry out routine operational maintenance, servicing, lubrication and housekeeping tasks according to workplace procedures 4.3 Carry out minor maintenance and repairs according to manufacturer specifications 4.4 Provide operator support during preparation for, and conduct of, major maintenance tasks 4.5 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	Identifies and interprets information from workplace procedures, documentation and regulations
Self-management	Monitors and minimises own exposure to worksite risks and hazards during activities

Unit Mapping Information

Supersedes and is equivalent to RIISAM304D Install, commission and maintain major conveyor equipment and systems.

Links

Companion Volume implementation guides is found on VETNet -

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