



Australian Government

RIIMPO334E Conduct skid steer loader operations using attachments

Release: 3

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Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0.
Release 2	Editorial corrections.
Release 3	Editorial and other amendments made to clarify requirements in Application and Performance Criteria 5.3.

Application

This unit describes the skills and knowledge required to operate and shift materials with skid steer loaders using attachments.

This unit applies to those working in site- based roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and industry sectors, and must be sourced from state jurisdictions prior to applying this unit.

This unit alone does not provide sufficient skill to independently load and unload equipment. To perform this activity safely, personnel must either complete or be assisting someone who has completed RIIHAN308F Load and unload plant or equivalent.

Unit Sector

Coal mining

Extractive

Metalliferous mining

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 skid steer loader	1.1 Access, interpret and apply skid steer loader operations documentation

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
operations	1.2 Obtain, interpret, clarify and confirm work requirements 1.3 Identify hazards and environmental issues, assess the risk and implement control measures in line with workplace policies 1.4 Select and wear personal protective equipment required for work activities 1.5 Obtain, identify and implement traffic signage requirements according to standard operating procedures and safe work practices 1.6 Select required skid steer loader equipment and confirm suitability for work activities 1.7 Obtain and interpret emergency procedures for skid steer loader, and be prepared for fire, accidents and emergencies 1.8 Coordinate and communicate planned activities with others at the site prior to commencement of work activity
2. Operate skid steer loader in line with established requirements	2.1 Carry out prestart, start-up, park checks in line with workplace procedures 2.2 Identify faults or defects and rectify or report within scope of own responsibility and according to workplace procedures 2.3 Drive and operate loader, using techniques suited to equipment capabilities, site and work conditions, and according to workplace procedures 2.4 Monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment 2.5 Monitor and manage equipment performance using indicators and alarms
3. Load, carry and place materials to complete work activity	3.1 Establish weight of load and ensure it is within safe operational limits of the machine 3.2 Position machinery to ensure stable and effective shift of materials in line with workplace procedures 3.3 Shift load safely and effectively, using hand, audible and communication signals, in line with workplace procedures 3.4 Park up, shut down, secure and carry out post operational inspection of equipment in line with workplace procedures
4. Select, remove, fit and use attachments	4.1 Select attachment for the task 4.2 Fit attachment in line with workplace procedures

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
for loader	4.3 Test attachment and ensure correct fitting and operation in line with manufacturers' specifications 4.4 Use attachment within design limits and in accordance with workplace procedures 4.5 Remove, clean and store attachments in designated location in line with workplace procedures
5. Relocate the skid steer loader	5.1 Prepare skid steer loader for relocation in a safe manner 5.2 Move skid steer loader safely between worksites, observing relevant codes and traffic management requirements 5.3 Assist loading and unloading machine from float/trailer as required by workplace procedures
6. Conduct housekeeping activities	6.1 Clear work area and dispose of or recycle materials according to workplace procedures 6.2 Manage and/or report hazards, and maintain a safe working environment 6.3 Complete and file or distribute documentation in a manner that complies with workplace practices

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Skill	Description
Reading	Identifies and interprets information from workplace procedures, documentation, legislation and regulations
Numeracy	Uses equipment operating capacity schedule to confirm safe weight load limits

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
RIIMPO334E Conduct skid steer loader operations using attachments (Release 1)	RIIMPO334D Conduct skid steer loader operations using attachments (Release 3)	Minor updates to reflect changes to operator maintenance and relocation activities	Equivalent unit

Links

Companion Volume Implementation Guides are available from VETNet -

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

Assessment Requirements for RIIMPO334E Conduct skid steer loader operations using attachments

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements and performance criteria of this unit.

The candidate must demonstrate completion of skid steer loader operations using attachments that safely, effectively and efficiently follows workplace procedures to carry out work activity on at least two occasions, and include:

- conducting prestart checks prior to commencing operations and shutdown procedures on completion of operations
- driving, manoeuvring and operating skid steer loader smoothly, and adjusting techniques to suit site conditions
- performing skid steer loading tasks which must include at least one of the following on each occasion (i.e. two occasions in total):
 - stripping/spreading materials
 - backfilling
 - loading vehicles
 - excavations
 - mixing materials
 - site clean up
 - compacting
 - lifting and carrying materials
 - cutting batters and benches
 - rock breaking
 - using communication systems to confirm activity, correct path and process to safely move and transport load
 - positioning skid steer loader ensuring stability in operations

- shifting and placing materials
- selecting, fitting, testing, using and removing a minimum of one attachment per occasion (i.e. two occasions in total), which must be certified and approved in line with workplace procedures and could include, but are not limited to, the following:
 - multipurpose bucket
 - forks
 - dozer blade
 - backhoe
 - auger
 - chain digger
 - power broom
 - profiler
 - tiller/mixer
 - rotary hoe
 - hammer
 - asphalt cutter/saw
 - concrete cutter/saw
 - rake
- assisting with loading and unloading skid steer loader from float/trailer
- parking and securing equipment.

In the course of the above the candidate must also:

- locate and apply relevant documentation, policies and procedures
- select and wear personal protective equipment required for work activities
- carry out vehicle refuelling requirements and procedures where applicable
- identify the components and specific actions of a skid steer
- identify skid steer loader tasks
- apply safe work practices and identifying and reporting all potential hazards, risks and environmental issues
- monitor and manage equipment performance using indicators and alarms
- identify common equipment faults
- prepare equipment for maintenance
- establish weight of load
- manage changes in the loads centre of gravity during transportation
- apply problem solving and troubleshooting techniques when operating equipment
- select and use the required tools, equipment and attachments
- use a range of communication techniques and equipment essential to the safe completion of work activity, including hand, audible and other signals
- meet written and verbal reporting requirements and procedures associated with skid steer loader operations.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements and performance criteria of this unit. This includes:

Key policies and procedures, legislation and established requirements for skid steer loader operation using attachments, including those relating to:

- materials handling using safety data sheets
- environmental protection
- fire, accident and emergency
- work health and safety, including signs of operator fatigue and how it should be managed
- site isolation and traffic control responsibilities and authorities
- project quality requirements
- maintenance and basic diagnostics
- housekeeping activities
- personal protective equipment
- chain of responsibility for loading and unloading of equipment
- recycle materials
- machine guidance systems

Key factors affecting work activities described in performance evidence above, including:

- technical capabilities and limitations
- equipment specifications
- ground conditions
- type and weight of load.

Assessment Conditions

Mandatory conditions for assessment of this unit are stipulated below. The assessment must:

- include access to:
 - skid steer loader
 - attachments
 - materials to be shifted
 - personal protective equipment
- be conducted in a safe environment; and,
- be assessed in context of this sector's work environment; and,
- 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,
- confirm consistent performance can be applied in a range of relevant workplace circumstances

Where personal safety or environmental damage are limiting factors, assessment may occur in a simulated work environment* provided it is realistic and sufficiently rigorous to cover all aspects of this sector's workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.

Assessor Requirements

Assessors must be able to clearly demonstrate current and relevant industry knowledge and experience to satisfy the mandatory competency standards as set out in the Standards for Registered Training Organisations (RTOs) 2015/AQTF mandatory requirements for assessors current at the time of assessment and any relevant licensing and certification requirements. This includes:

- vocational competencies at least to the level being delivered and assessed
- current industry skills directly relevant to the training and assessment being provided
- current knowledge and skills in vocational training and learning that informs their training and assessment
- formal relevant qualifications in training and assessment
- having knowledge of and/or experience using the latest techniques and processes
- possessing a high level of RII training product knowledge
- having an understanding and knowledge of legislations and regulations relevant to the industry and to employment and workplaces
- demonstrating the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and
- the minimum years of current** work experience after competency has been obtained as specified below in an industry sector relevant to the outcomes of the unit.

It is also acceptable for the appropriately qualified assessor to work with an industry expert to conduct assessment together and for the industry expert to be involved in the assessment judgement. The industry expert must hold the relevant vocational competencies and have current industry skills directly relevant to the training and assessment being provided and must work alongside a trainer and/or assessor to conduct the assessment. This means the industry subject matter expert should hold the unit being assessed (or an equivalent unit), and must also demonstrate skills and knowledge from the minimum years of current work experience after competency has been obtained as specified below, including time spent in roles related to the unit being assessed:

Industry sector	AQF indicator level***	Required assessor or industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Infrastructure	1	1 Year
	2	2 Years
Drilling, Coal Mining, Extractive (Quarrying), Metalliferous Mining and Civil Infrastructure	3-6	3 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.
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*Guidance on simulated environments has been stipulated in the RII implementation guide located on VETNet.

**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 a minimum number of site assessments as determined by the relevant industry sector, across various locations.

*** While a Unit of Competency does not have an AQF level, where a unit is being delivered outside of a qualification the first numeric character in the unit code should be considered as the AQF indicator level for assessment purposes.

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