



Australian Government

RIISAM210D Remove and fit wheel assemblies

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIISAM210A Remove and fit wheel assemblies.
2	Editorial corrections.
3	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 remove and fit wheel assemblies in the Resources and Infrastructure Industries.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Relevant information must be sourced prior to application of the unit.

Elements and Performance Criteria

1. Plan for removal and fitting of wheel assemblies	1.1 Access, interpret and apply remove and fit wheel 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 Set up maintenance schedules based on tyre usage, wear or condition 1.6 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Prepare for removal and fitting of wheel assemblies	2.1 Identify wheel and/or rim type, and mounting system 2.2 Prepare, clean and inspect wheel assemblies 2.3 Select tools and equipment and check for fit for purpose
3. Assess and control risk in wheel assembly removal	3.1 Identify and control any hazardous conditions of the work environment before proceeding, noting points where safety checks are required 3.2 Identify and control any hazardous conditions of the assembly before proceeding, noting points where safety checks are required 3.3 Identify wheel by construction and mounting type 3.4 Identify when tyre(s) require deflation before removal from equipment
4. Remove wheel assembly	4.1 Plan sequence of work, noting points where safety checks are required 4.2 Identify and apply methods for raising and supporting equipment 4.3 Identify and apply methods for removing the wheel 4.4 Identify and apply site procedure for transport and storage of

	wheel
5. Inspect wheel assemblies and fasteners	5.1 Access and apply site procedure for inspection of wheel assemblies and fasteners 5.2 Clean and visually inspect wheel assembly for damage, wear, corrosion foreign material, cracks, and compatibility of components 5.3 Clean and visually inspect mounting surfaces and fasteners for damage, wear, corrosion, foreign material and cracks 5.4 Check specifications and compare to conditions found 5.5 Complete reports and action findings 5.6 Discard unusable fasteners
6. Fit wheel assembly	6.1 Access and interpret wheel assembly fitting information 6.2 Identify and apply methods for fitting the wheel 6.3 Identify and apply tightening sequence, torque settings and inflation pressure 6.4 Check wheel assembly for correct fitment including alignment 6.5 Identify and apply methods for lowering equipment 6.6 Identify and apply re-torque as required 6.7 Record data and all work performed

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

RIISAM210A Remove and fit wheel assemblies

Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>