



Australian Government

RIIVEH302D Operate multi-combination vehicle

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIIVEH302A Operate multi-combination vehicle
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 Operate multi-combination vehicle in the Resources and Infrastructure Industries.

This unit is appropriate for those working in supervisory and technical specialist 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. Prepare for multi-combination vehicle operations	1.1 Access, interpret and apply vehicle haulage documentation and ensure the work activity is compliant 1.2 Obtain, interpret and clarify/confirm work requirements such as shift briefings/handover details/work orders before proceeding 1.3 Prepare vehicle records and carry out log-on procedures
2. Couple and uncouple trailers	2.1 Couple and uncouple trailer 2.2 Check prime mover and trailer status
3. Conduct vehicle checks	3.1 Conduct pre-start checks on vehicle, trailers and ancillary equipment 3.2 Test vehicle and trailer operations, record and report faults affecting the safety of the operation 3.3 Start engine per manufacturer's guidelines and start-up procedures, and check systems against operational criteria
4. Supervise	4.1 Identify load characteristics, and determine appropriate

loading and unloading of goods and materials	loading and unloading procedures 4.2 Segregate dangerous or hazardous goods 4.3 Ensure that goods/materials are loaded in accordance with relevant mass and loading regulations and workplace procedures 4.4 Select and supervise the use of lifting aids and appliances 4.5 Conduct unloading activities, considering suitable locations, stowage, safe use of equipment and the balance of remaining load 4.6 Identify goods requiring special handling and/or documentation and follow procedures
5. Steer, manoeuvre and position vehicle	5.1 Steer, manoeuvre and position vehicle in accordance with traffic regulations and site rules 5.2 Ensure vehicle movements are within limits of vehicle and road dimensions and in line with manufacturer's specifications 5.3 Confine centrifugal forces to load configuration and driving environment 5.4 Perform smooth and controlled movements 5.5 Avoid contact with obstacles 5.6 Carry out movements ensuring safety to personnel or damage to property, equipment or facilities, and load 5.7 Utilise available road area to increase radius of turn and swept path
6. Manage engine power	6.1 Manage engine power, ensure efficiency of vehicle movement and minimise strain to the engine and drive line 6.2 Operate vehicle within manufacturer's specified torque range and temperature 6.3 Coordinate engine power with gear selection and maintain torque range 6.4 Effect smooth transition in gear changes, while maintaining engine power and torque range
7. Monitor and anticipate traffic and road conditions	7.1 Monitor and anticipate traffic and road condition, ensure safety of operation, people, property, equipment, loads and facilities 7.2 Achieve vehicle speed and safety using the accelerator, gears, brakes and speed retarding devices 7.3 Anticipate traffic flows, use optimum route of travel without backtracking 7.4 Consider road and traffic conditions, road standards, distance and load

8. Monitor vehicle efficiency	8.1 Monitor the vehicle's performance ensure maximum efficiency of operation and fuel consumption 8.2 Respond to warning devices and indicators of engine or vehicle reduced performance 8.3 Monitor vehicle for any engine malfunctions or factors which may affect vehicle performance 8.4 Record and report vehicle faults/damage
9. Park and secure the vehicle	9.1 Bring vehicle to a halt, apply straight line braking techniques 9.2 Park vehicle in an area that is safe and legal in line with traffic 9.3 Lock/secure vehicle
10. Carry out post-operational activities	10.1 Carry out engine shutdown 10.2 Complete post-operational checks 10.3 Maintain/update and submit vehicle written records

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

RIIVEH302A Operate multi-combination vehicle

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>