



Australian Government

RIIVEH304E Conduct tip truck operations

Release: 1

RIIV304E Conduct tip truck operations

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 conduct tip truck operations 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 tip truck operations | 1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required to conduct tip truck operations 1.3 Identify, obtain and implement signage requirements according to the project traffic management plan 1.4 Select vehicle, tools and equipment required for the work activities 1.5 Check tools and equipment for serviceability and rectify or report faults to relevant personnel 1.6 Identify, confirm and apply environmental protection requirements from the project environmental management plan |
| 2. Conduct tip truck pre-operational checks | 2.1 Carry out prestart, start-up, park and shutdown according to workplace procedures 2.2 Check tip truck controls and functions, and ensure any faults are |

| ELEMENT | PERFORMANCE CRITERIA |
|--------------------------------------|---|
| | rectified or reported to relevant personnel |
| 3. Operate tip truck | <p>3.1 Identify and manage site operating hazards and risks and apply safe operating techniques according to workplace procedures</p> <p>3.2 Manage engine power, ensure efficiency of truck movements, and minimise strain on the engine, drive line and gears according to manufacturer specifications</p> <p>3.3 Coordinate engine power with gear selection, ensure smooth transition and operation within torque range according to manufacturer specifications</p> <p>3.4 Operate tip truck to work instructions according to workplace procedures</p> <p>3.5 Monitor road and traffic conditions, consider road conditions, traffic flow, distance and load, ensure safety of people, property, equipment, loads and facilities</p> <p>3.6 Halt vehicle smoothly, using the engine retarder, gears and brakes according to manufacturer specifications</p> |
| 4. Load, transport and tip materials | <p>4.1 Position tip truck at load and discharge points with a minimum of manoeuvre</p> <p>4.2 Carry out smooth and controlled tip truck movements including the raising and lowering of the tray according to manufacturer specifications</p> <p>4.3 Ensure weight and distribution of load is assessed for type of material and size of vehicle within vehicle capacity according to manufacturer specifications</p> <p>4.4 Maintain safety and security of load, including load cover requirements, from loading site to discharge site according to manufacturer specifications</p> <p>4.5 Discharge load on slope and/or over face at fill site</p> <p>4.6 Dump and spread material evenly according to workplace procedures</p> <p>4.7 Clear, lower and secure tray before resuming travel</p> |
| 5. Carry out operator maintenance | <p>5.1 Ensure tip truck is safely parked and prepared for operator maintenance and shutdown</p> <p>5.2 Conduct visual and physical inspection and fault finding according to workplace procedures</p> <p>5.3 Remove and replace defective parts according to manufacturer specifications</p> <p>5.4 Carry out scheduled maintenance according to workplace procedures</p> <p>5.5 Process written maintenance records according to workplace procedures</p> |
| 6. Clean up | 6.1 Clear work area and dispose of materials according to workplace procedures |

| ELEMENT | PERFORMANCE CRITERIA |
|---------|---|
| | 6.2 Clean, check, maintain and store vehicle, tools and equipment 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 | <ul style="list-style-type: none"> Identifies and interprets information from workplace procedures, documentation and regulations |
| Self-management | <ul style="list-style-type: none"> Monitors and minimises own exposure to worksite risks and hazards during activities |

Unit Mapping Information

Supersedes and is equivalent to RIIV304D Conduct tip truck operations.

Links

Companion Volume implementation guides is found on VETNet -

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