



**Australian Government**

# **RIIVEH304D Conduct tip truck operations**

**Release: 1**

## **RIIVEH304D Conduct tip truck operations**

### **Modification History**

Not applicable.

## Application

This unit describes a participant's skills and knowledge required to conduct tip truck operations in the Resources and Infrastructure Industries.

This unit is appropriate for those working in supervisory and technical specialist roles. No licensing, legislative or certification requirements apply to this unit at the time of publication.

## Elements and Performance Criteria

<p>1. Plan and prepare for tip truck operations</p>	<p>1.1 Access, interpret and apply vehicle haulage documentation and ensure the work activity is compliant</p> <p>1.2 Obtained, confirm and apply work requirements such as; shift briefings/handover details/work orders, /plans/specifications/quality requirements/operational details</p> <p>1.3 Identify, obtain and implement signage requirements per the project traffic management plan</p> <p>1.4 Select vehicle, tools and equipment</p> <p>1.5 Check tools and equipment for serviceability and rectify or report faults</p> <p>1.6 Identify, confirm and apply environmental protection requirements from the project environmental management plan</p>
<p>2. Conduct tip truck pre-operational checks</p>	<p>2.1 Carry out pre-start, start-up, park and shutdown</p> <p>2.2 Check tip truck controls and functions, including tray, steering, brakes and manoeuvrability for serviceability and ensure any faults are rectified or reported</p>
<p>3. Operate tip truck</p>	<p>3.1 Identify and manage site operating hazards and risks, apply safe operating techniques</p> <p>3.2 Manage engine power, ensure efficiency of truck movements, and minimise strain on the engine, drive line and gears</p> <p>3.3 Coordinate engine power with gear selection, ensure smooth transition and operation within torque range</p> <p>3.4 Operate tip truck to work instructions</p> <p>3.5 Monitor road/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</p>
<p>4. Load, transport</p>	<p>4.1 Position tip truck at load and discharge points with a minimum</p>

and tip materials	<p>of manoeuvre</p> <p>4.2 Carry out smooth and controlled tip truck movements including the raising and lowering of the tray</p> <p>4.3 Ensure weight and distribution of load is assessed for type of material and size of vehicle within vehicle capacity</p> <p>4.4 Maintain safety and security of load, including load cover requirements, from loading site to discharge site</p> <p>4.5 Discharge load on slope and/or over face at fill site</p> <p>4.6 Dump/spread material evenly, to work instructions</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</p> <p>5.3 Remove and replace defective parts</p> <p>5.4 Carry out scheduled maintenance</p> <p>5.5 Maintain/update and submit vehicle written records</p>
6. Clean up	<p>6.1 Clear work area and dispose of, or recycle, materials</p> <p>6.2 Clean, check, maintain and store vehicle, tools and equipment</p>

## 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

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## Links

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