



Australian Government

RIICBS312D Conduct bitumen tanker operations

Release: 1

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Modification History

Not applicable.

Application

This unit describes a participant's skills and knowledge required to conduct bitumen tanker operations in Civil Construction.

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.

Unit Sector

Civil construction

Elements and Performance Criteria

<p>1. Plan and prepare for bitumen tanker operations</p>	<p>1.1 Access, interpret and apply bitumen tanker operations documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures</p> <p>1.4 Select and wear personal protective equipment appropriate for work activities</p> <p>1.5 Select and check for faults plant, tools and equipment to carry out tasks</p> <p>1.6 Confirm and apply environmental protection and safety requirements</p> <p>1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
<p>2. Set up tanker for operation</p>	<p>2.1 Carry out pre-operational checks on bitumen tanker</p> <p>2.2 Fill ancillary tanks and ensure adequate materials are available to perform tanker operations</p> <p>2.3 Check tanks to prevent contamination</p> <p>2.4 Obtain load details, including correct amount of any additives</p>
<p>3. Load tanker</p>	<p>3.1 Carry out pre-start and start-up procedures</p> <p>3.2 Drive and operate tanker</p> <p>3.3 Check previous load details for compatibility</p> <p>3.4 Load tank with the prescribed amount of material</p> <p>3.5 Add and mix additives to specifications</p> <p>3.6 Check temperature of the material and ensure compliance with manufacturer's specifications</p> <p>3.7 Measure, calculate and record material quantities and additives</p> <p>3.8 Heat materials in accordance with manufacturer's/suppliers' instructions</p>
<p>4. Transfer materials</p>	<p>4.1 Set up transfer site</p> <p>4.2 Confirm transfer procedures with depot supervisor/sprayer driver</p> <p>4.3 Transfer materials</p> <p>4.4 Record details of transferred materials</p>

5. Empty tanker	5.1 Empty tank into storage or waste 5.2 Clean tank interior
6. Carry out operator maintenance	6.1 Prepare machine for maintenance 6.2 Conduct inspection and fault finding 6.3 Carry out scheduled maintenance tasks 6.4 Process written maintenance records
7. Clean up	7.1 Clear work area and dispose of or recycle materials 7.2 Clean, check, maintain and store plant, tools and equipment 7.3 Carry out housekeeping requirements

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

RIICBS312A Conduct bitumen tanker operations

Links

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