



Australian Government

RIICBS312E Conduct bitumen tanker operations

Release: 1

RIICBS312E Conduct bitumen tanker operations

Modification History

This unit replaces RIICBS312D Conduct bitumen tanker operations. Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes.

Application

This unit describes the skills and knowledge required to conduct bitumen tanker operations in civil construction.

It applies to those working in operational roles. The individual is generally a skilled operator and may provide theoretical advice and support a team.

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

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. Prepare for bitumen tanker operations	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply bitumen tanker operations documentation and confirm the work activity is compliant 1.3 Identify environmental issues and potential hazards, and assess and address risks within scope of own role and according to workplace procedures 1.4 Select and wear personal protective equipment required for work activities 1.5 Select plant, tools and equipment required for tasks, check for faults, and report or rectify in scope of own role and check for faults within scope of own role 1.6 Confirm and comply with environmental protection, safety and traffic management signage requirements 1.7 Obtain and interpret emergency procedures and identify

ELEMENT	PERFORMANCE CRITERIA
	steps required in case of fire, accident and other emergencies
2. Set up tanker for operation	2.1 Carry out pre-operational checks on bitumen tanker 2.2 Fill ancillary tanks and confirm adequate materials are available to perform tanker operations 2.3 Check tanks to prevent contamination 2.4 Obtain load details, including amount of any additives
3. Load tanker	3.1 Carry out pre-start checks and start-up procedures 3.2 Drive and operate tanker according to job requirements 3.3 Check previous load details for compatibility 3.4 Load tank with prescribed amount of material 3.5 Add and mix additives to specifications 3.6 Check material temperature and confirm compliance with manufacturer specifications 3.7 Measure, calculate and record material quantities and additives 3.8 Heat materials in accordance with manufacturer/supplier instructions
4. Transfer materials	4.1 Set up transfer site according to job requirements 4.2 Confirm transfer procedures with depot supervisor or sprayer driver 4.3 Transfer materials according to job requirements 4.4 Record details of transferred materials according to workplace procedures
5. Empty tanker and carry out operator maintenance	5.1 Empty tank into storage or waste and clean tank interior 5.2 Prepare machine for maintenance 5.3 Conduct inspection and fault finding 5.4 Carry out scheduled maintenance tasks according to workplace procedures 5.5 Process written maintenance records according to workplace procedures
6. Carry out housekeeping activities	6.1 Clear work area and dispose of and recycle materials as required according to workplace procedures and environmental requirements 6.2 Clean, check, perform maintenance on in scope of own role, and store plant, tools and equipment

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	Identifies and interprets information from workplace procedures, documentation, legislation and regulations
Self-management	Monitors and minimises own exposure to worksite hazards during activities
Oral communication	Uses a range of communication techniques and systems to communicate with others

Unit Mapping Information

Supersedes and is equivalent to RIICBS312D Conduct bitumen tanker operations.

Links

Companion Volume implementation guides are found in VETNet -

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