



Australian Government

RIICRM206E Conduct airless and atomised spraying operations

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0.

Application

This unit describes the skills and knowledge required to conduct airless and atomised spraying operations in civil construction. It includes preparing the surface, preparing and applying road marking materials, and measuring work.

It applies to those working in operational roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures and take some responsibility for the quality of work outcomes.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Users must check requirements with relevant body before applying 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. Plan and prepare to conduct airless and atomised spraying operations	1.1 Obtain, interpret, clarify and confirm work instructions 1.2 Access, interpret and apply documentation required to conduct airless and atomised spraying operations 1.3 Identify and implement traffic management signage requirements 1.4 Select plant, tools and equipment to carry out tasks and check for faults 1.5 Identify and address potential risks, hazards and environmental issues, and implement control measures within scope of own role 1.6 Select and wear personal protective equipment required for work activities

ELEMENT	PERFORMANCE CRITERIA
	1.7 Obtain and interpret emergency procedures and identify steps required to respond to emergencies
2. Prepare surface and set out	2.1 Clear area of dirt, debris and other contaminants 2.2 Identify location for line marking and set out with control points according to job requirements 2.3 Spot straight lines and curves in preparation for marking 2.4 Remove pre-existing visible marks and lines
3. Prepare marking materials	3.1 Mix and prepare marking material according to job requirements 3.2 Adjust additives and consistency of material as required 3.3 Transfer marking material to applicator container
4. Apply road marking materials	4.1 Apply airless or atomised spray equipment across surface with required movement and pressure 4.2 Apply road marking material to the surface providing an even coverage 4.3 Identify and correct defects in coating 4.4 Perform maintenance on equipment during operations as required and according to manufacturer instructions
5. Measure work	5.1 Assess, record and report work outcomes according to site requirements 5.2 Measure, calculate and quantify amount of line marking completed 5.3 Identify and report non-conforming work according to site requirements
6. Conduct clean-up and housekeeping activities	6.1 Clear work area and dispose of or recycle materials according to site requirements 6.2 Clean, check, perform maintenance on and store tools and equipment according to manufacturer specifications site requirements 6.3 Carry out housekeeping activities according to site requirements

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
Numeracy	<ul style="list-style-type: none"> Calculates basic measurements including distances, quantities and material requirements

SKILL	DESCRIPTION
Self-management	<ul style="list-style-type: none">• Monitors and minimises own exposure to worksite risks and hazards during work activities
Writing	<ul style="list-style-type: none">• Completes basic records using sector-specific vocabulary, grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIICRM206D Conduct airless and atomised spraying operations.

Links

Companion Volume Implementation Guide is found on VETNet -

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