Australian Government

AHCARB213 Perform ground-based rigging

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 5.0.

Application

This unit of competency describes the skills and knowledge required to select, check and install rigging systems to support aerial tree work for the controlled descent of loads to drop zone. This unit does not cover crane operations.

The unit applies to individuals working in a broad range of arboriculture contexts who undertake defined routine activities under supervision. They exercise limited autonomy within established and well known parameters, providing solutions to a limited range of predictable problems.

The arboriculture industry requires that all ground-based tree rigging work is undertaken according to preferred industry practices (as outlined in the Companion Volume).

Legislation, regulations and by-laws relating to the treatment and removal of trees apply in some states and territories.

Pre-requisite Unit

Nil

Unit Sector

Arboriculture (ARB)

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Assist in preparation of work site	1.1 Confirm work instructions and location of worksite with supervisor 1.2 Confirm workplace health and safety hazards and controls in job safety analysis (JSA) with supervisor

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Elements	**Performance Criteria**
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
	1.3 Confirm availability of first aid and emergency personnel, equipment and procedures
2. Prepare for rigging	2.1 Identify tree defects and contribute to tree assessment process 2.2 Discuss and confirm rigging method with work team 2.3 Confirm rigging method complies with identified risk controls with supervisor 2.4 Select rigging equipment and check for defects, removing defective equipment from service 2.5 Select, check and use personal protective equipment
3. Perform rigging operations	3.1 Communicate with work team during operations according to work site and environmental conditions, using methods agreed with work team 3.2 Tie, dress, set and finish rigging knots and hitches according to rigging system requirements 3.3 Monitor rigging system, work team movements and environmental conditions to ensure safe working conditions 3.4 Control load to drop zone and adjust rigging according to aerial worker directions 3.5 Disconnect load from rigging system 3.6 Re-check rigging equipment components for defects, and remove defective equipment from service 3.7 Return rigging components to aerial work team
4. Complete rigging operations	4.1 Confirm completed rigging operations with aerial work team 4.2 Remove and dismantle rigging system from tree 4.3 Clean, check and store tools, equipment and machinery according to workplace procedures 4.4 Report and tag defective tools and equipment 4.5 Clean and store personal protective equipment 4.6 Record and report rigging operation outcomes according to workplace procedures

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Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Writing	• Complete reports and records using clear language and industry terminology to ensure clarity of meaning
Oral communication	• Use open and closed questions logically to clarify work instructions • Use industry terminology to communicate with team members
Get the Work Done	• Respond to routine problems using step-by-step procedures when safely setting and preparing rigging and checking and maintaining rigging equipment

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCARB213 Perform ground-based rigging	AHCARB207 Perform ground based rigging	Prerequisite unit removed Performance criteria clarified Foundation skills added Assessment requirements updated	Equivalent
AHCARB213 Perform ground-based rigging	AHCARB311 Tie, dress, set andfinish arborist knots	Some content is covered in this redesigned unit	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72

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