

LANTw28

Carry out aerial rescue operations(SQA Unit Code-H2NH 04)



Overview

This standard covers the accessing of trees through climbing (both ladders and using climbing equipment) and by Mobile Elevated Work Platform (MEWP) to carry out rescues in a variety of contexts (pruning operation, cutting, dismantle or rigging). The aerial rescues include recovery of both conscious and unconscious casualties

When carrying out aerial rescue you must maintain high standards of health and safety at all time for both yourself and the people you will come into contact with

This standard is for those carrying out aerial rescue operations

Your work must conform to all current legislation and codes of practice

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Performance criteria

You must be able to:

- P1 assess the risks associated with the site and the proposed works
- P2 select and implement appropriate working method in accordance with the assessed risks
- P3 maintain effective teamwork when working with others
- P4 communicate clearly and effectively with all persons involved in the rescue
- P5 assess the individual, the rescue situation and any injuries that may have occurred
- P6 assess the hazards entailed in the **aerial rescue** according to the available information
- P7 formulate a rescue plan, selecting access and rescue methods which are safe, appropriate to the situation and in line with industry guidance and codes of practice
- P8 select, prepare and use appropriate tools and equipment safely and effectively
- P9 implement the rescue plan and rescue the casualty from the tree
- P10 on reaching the casualty administer appropriate first aid based on your assessment of the casualty's condition and your training
- P11 bring casualty to the ground and continue with first aid as necessary until emergency services arrive
- P12 record details of the incident clearly and accurately
- P13 report the incident in line with relevant company policies and legal procedures
- P14 maintain the health and safety of yourself and others at all times in accordance with current legislation

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Knowledge and understanding

*You need to know and
understand:*

- K1 how to identify hazards and assess risks
- K2 how to interpret risk assessments
- K3 how to plan the **aerial rescue** and the key elements that need to be included
- K4 the emergency planning and procedures used for the site
- K5 how to initiate the emergency plan
- K6 how to assess the main hazards in the area and the tree and operational difficulties in carrying out aerial rescue and how to resolve these
- K7 how to assess the situation and the needs of the casualty and if the emergency services are required
- K8 rescue methods required appropriate to a range of possible situations including conscious and unconscious casualty
- K9 how to carry out rescues using methods involving casualty's and rescuer's lines, and rescuer's line only, in different situations
- K10 situations when aerial rescue by climbing may not be the appropriate method
- K11 how the species and condition of trees will affect rescues
- K12 how to initiate and maintain effective communication during aerial rescue with the following; casualty, work colleagues, general public and emergency services
- K13 how to rescue using a MEWP and the implications of safe working load (SWL) limit to rescue via a MEWP
- K14 the basic principles of first aid and how they may be applied according to your own level of training
- K15 your responsibilities under current environmental and health and safety legislation

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Scope/Range

Aerial rescue

- 1 rescue of conscious victim
- 2 rescue of unconscious victim
- 3 rescue of victim near main stem of tree
- 4 rescue of victim in crown away from main stem
- 5 rescue of victim from a pole
- 6 rescue injured Mobile Elevated Work Platform operator
- 7 use of two or more person rescue team

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