

LANTw9 - SQA Unit Code H2SM 04

Transplant large root-balled trees



Overview

This standard is about the selection and transplanting of large root-balled trees. It describes the work carried out by the individual, not by the individual supervising others

This standard is for those involved in the planting of large root-balled trees to specification

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Performance criteria

You must be able to:

- P1 identify a species that meets site requirements
- P2 ensure the bio-security and the condition of the tree before transporting and establishment
- P3 prepare the tree for transportation
- P4 transport the tree in a way that is safe and secure and in accordance with highway and traffic regulations
- P5 maintain the health, vitality and physical condition of the tree throughout the operation
- P6 identify and clearly mark out the planting site
- P7 plant tree in line with specification
- P8 provide support if necessary for planting conditions
- P9 specify aftercare appropriate to the tree and the environment
- P10 select, prepare and use tools that are appropriate to the work safely and effectively
- P11 maintain the security of machinery and equipment on site
- P12 remove all waste and surplus materials and dispose of them as specified
- P13 cultivate and restore the site as specified
- 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 identify suitable tree stock to meet the needs of the customer and the site conditions
- K4 how to check the condition and bio-security of the tree stock to ensure they are fit for transportation and establishment
- K5 the effects of transportation on trees and how to prepare them for transportation and maintain their condition throughout
- K6 factors affecting the timing, method and site of planting
- K7 **causes of damage** to the tree from the nursery to planting and how these can be prevented
- K8 the aftercare requirements of large root-balled trees to ensure successful establishment
- K9 how to select a suitable support systems that will benefit the tree during establishment
- K10 how to check the condition and bio-security of these trees to ensure they are fit for establishment
- K11 how to recognise healthy planting stock
- K12 the types of tools and equipment required and how to maintain and use these safely and effectively
- K13 why it is important to maintain safety and security of equipment and vehicles when on site
- K14 the potential impacts of your work on the environment and how these can be minimised
- K15 the importance of restoring the site to a clean and tidy condition
- K16 the responsibilities of the landowner
- K17 your responsibilities under current health and safety legislation and codes of practice

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**Scope/range
related to
knowledge and
understanding**

Causes of damage:

- 1 handling
- 2 transport
- 3 timing
- 4 site conditions
- 5 soil type
- 6 exposure/aspect
- 7 drying out

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Suite Treework; Horticulture

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