LANTw9 SQA Unit Code H53S 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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