
Overview

This standard covers installing hard-standing individual bed preparation that is used within the landscaping industries.

The standard is suitable for operatives working under limited supervision and focuses on the skills required to understand the structure and to undertake the installation of hard-surface individual bed preparation while working to specifications.

You will be expected to understand the impact of this work on the immediate environment, and the impact of the environment on the structure.

Performance criteria

You must be able to:

- P1 assess the risks associated with the site and the proposed work/required activity
- P2 select, prepare, use and maintain tools and equipment that are appropriate for the work safely and effectively
- P3 set out for line and level
- P4 place and prepare a suitable laying course
- P5 keep damage to the surroundings to a minimum
- P6 leave the site in a clean and tidy condition
- P7 clean and store tools and equipment promptly and securely
- P8 protect working areas effectively against weather and use until they are in a suitable condition
- P9 leave the site safe, tidy and suitable for intended use
- P10 maintain effective working relations with relevant people throughout
- P11 carry out all work in accordance with relevant environmental and health and safety legislation, risk assessment requirements, codes of practice and company policies

Knowledge and understanding

You need to know and understand:

- K1 how to identify hazards and assess risks
- K2 how to interpret risk assessments
- K3 the weather conditions that are appropriate for bed preparation
- K4 how to measure to ensure work is within tolerances
- K5 how falls, lines and levels are determined and set out
- K6 where and when individual bed preparation is preferred to screeding
- K7 how to select the correct tools and equipment for bed preparation, including PPE
- K8 how to use the required tools and equipment safely and efficiently
- K9 how to calculate the expected surcharge and/or the bed depth required to accommodate compaction of the paving units
- K10 the importance of using the correct type of laying course material
- K11 the importance of laying course grain shape, grain size, and moisture content to overall performance
- K12 the correct storage and protection conditions for laying course material
- K13 how the laying course is placed and prepared manually, how it is shaped to follow summits and hollows, and how its compaction is determined
- K14 your responsibilities under current environmental and health and safety legislation, codes of practice and company policies

Glossary

PPE: Personal Protective Equipment

Tools and equipment:

- spades/shovels
- rakes/lutes/spazzles
- trowels/floats

Situations:

- flat area
- area with a sudden change of height (summit)
- area with a sudden change of fall (valley)

Materials:

- fine aggregate for conventional paving
- coarse aggregate for permeable paving
- cement-bound material for rigid pavements

Developed by Lantra

Version number 1.1

Date Approved March 2012

Indicative review date March 2017

Validity Current

Status Original

Originating organisation Lantra

Original URN LANL29

Relevant occupations Landscaper

Suite Horticulture

Keywords hard-standing; sub-layer
