

## Overview

This standard describes how to establish lines and levels on site when installing fences.

It covers working to specifications to establish reference points to set lines and levels on a fencing site.

This standard is suitable for fence installers. It can be applied to support any fence installation operation.

## Performance criteria

*You must be able to:*

1. carry out your work in accordance with relevant environmental and health and safety legislation, risk assessment requirements and company policies and procedures
2. wear suitable clothing and personal protective equipment (PPE)
3. carry out your work in accordance with **instructions and specifications**
4. select and prepare the required tools and equipment
5. check to confirm that a safe working environment has been established
6. identify and report any variations between **instructions and specifications** and actual site dimensions
7. establish lines and levels accurately, working from reference points
8. use, maintain and store tools and equipment safely and in a clean and serviceable condition
9. carry out your work in a manner that causes minimal impact to the surrounding area, other users of the site and anyone else who may be affected

## Establish lines and levels on site

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### Knowledge and understanding

*You need to know and understand:*

1. the relevant environmental and health and safety requirements associated with the establishment of lines and levels on site
2. the type of clothing and personal protective equipment (PPE) suitable for the task to be carried out
3. the relevant requirements and procedures for gaining access to the site
4. the specific requirements for permit-to-work schemes
5. the types of signs and protective barriers used in the fencing industry
6. the reasons for traffic management when working adjacent to highways and other transport systems
7. where to obtain the **instructions and specifications** required to carry out the work
8. the reasons for and methods of establishing reference points and how to protect them from movement during the work
9. the methods of transferring levels
10. the possible causes of variations between specified and actual site dimensions
11. the methods used for marking and setting lines and levels
12. the methods used for establishing a change in direction, including angles and curves
13. how to establish entry and exit points
14. the importance of maintaining boundary lines
15. the limits of your responsibility when dealing with difficulties arising during the work
16. the storage requirements for tools and equipment
17. how to minimise the impact of your work on the surrounding area, other users of the site and anyone else who may be affected

## Glossary

Instructions and specifications could include:

- plans/drawings
- schedules
- method statements
- Standard Operating Procedures (SOPs)
- manufacturer's guidelines
- customer requirements
- quality standards e.g. BSI, CE
- verbal instructions

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