

# LANFe19

## Install and repair vehicle parapets as road restraint systems



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### Overview

This standard describes how to install and repair parapets as road restraint systems.

This standard is designed for those responsible for installing and repairing parapets.

This standard covers::

- Installing and repairing vehicle parapets as road restraint systems
- Working at heights
- Understanding traffic management (although a contractor will normally carry out this function).

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### Performance criteria

*You must be able to:*

- P1 ensure that work is carried out in line with health and safety policies and risk assessment requirements
- P2 obtain the drawing/specification for the installation or repair of the parapet
- P3 obtain the kit of parts for the parapet installation or repair
- P4 confirm that the kit of parts meet the requirements of the drawing/specifications
- P5 drill, fix and test foundation sockets ready for post installation in accordance with the drawing/specifications
- P6 use the approved working practices to position and fix posts to the foundation sockets at the specified lines, levels and right angles
- P7 use the approved working practices to fix rails to the posts in accordance with the drawing/specifications
- P8 use the approved working practices to fix solid infill sheets or mesh in accordance with the drawing/specifications
- P9 inspect the parapets in the approved way to identify damaged components and agree these with the appropriate people
- P10 agree with relevant people how and when to replace the damaged components
- P11 use approved working practices to repair/reinstate the parapets in accordance with the drawing/specifications
- P12 use tools and equipment correctly, safely and in accordance with manufacturers' instructions
- P13 complete work in a manner which causes minimal damage to the surrounding area
- P14 check work has been completed in accordance with the drawing/specifications
- P15 maintain tools, equipment and resources in a clean and serviceable condition throughout the work
- P16 complete and hand over the completion certificate to the client
- P17 keep accurate records in accordance with organisational and appropriate legal requirements

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### Knowledge and understanding

*You need to know and understand:*

- K1 the health and safety and risk assessment requirements associated with installing or repairing parapets
- K2 how to obtain drawing specifications for the installation or repair of the parapet
- K3 how to interpret the drawing/specifications
- K4 how to obtain and check kit of parts for parapet installation and repair
- K5 the components used to install and repair parapets
- K6 the types of tools and equipment and how they are correctly checked and used when installing and repairing parapets
- K7 the principles of road traffic management
- K8 how to drill, fix and test foundation sockets
- K9 methods used for aligning and levelling posts
- K10 methods used for installing and repairing parapets
- K11 the effects of parapet installation and repair on the environment
- K12 approved methods for checking for damage to components
- K13 the factors to be considered during inspection
- K14 defects associated with parapet components and how to recognise their presence
- K15 the procedure for reporting defects and whom they should be reported to
- K16 how to complete the completion certificate and when it should be handed over to the client
- K17 organisational and appropriate legal requirements for completing and repairing records
- K18 the requirement for training in proprietary products

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**Developed by** Lantra

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**Relevant occupations** Fencing

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**Suite** Fencing

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