

UKTTWE02

Set up and maintain a temporary traffic management system in the Tramway environment



Overview

This standard is about setting up and maintaining a temporary traffic management system in the Tramway environment. You will be able to work to a plan and be able to identify the area to be controlled by the temporary traffic management system and the equipment involved. You will be able to set up the equipment, confirm that it is working and ensure that it is maintained throughout the duration of the works. You will know and understand the main legal requirements relating to temporary traffic management in the Tramway environment and how the system can affect stakeholders. Knowing and understanding the personal protection requirements necessary during set up, maintenance and dismantling of a temporary traffic management system is an importance aspect of this standard.

This standard is for those who work in engineering and construction roles in the Tram and Tramway environment.

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Performance criteria

You must be able to:

- P1 identify the **area** to be controlled by a temporary traffic management system
- P2 source and follow information regarding the planned layout
- P3 identify the traffic management **equipment** required
- P4 set up the traffic management equipment in accordance with the plan and in line with your organisation's procedures
- P5 confirm the equipment is working, where appropriate
- P6 **maintain** the temporary traffic management system in the Tramway environment
- P7 dismantle and remove the traffic management equipment in line with your organisation's procedures
- P8 take action when **problems and issues** are identified

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Knowledge and understanding

You need to know and understand:

- K1 the **main legal requirements** relating to traffic management and temporary traffic management systems
- K2 the reasons why a temporary traffic management system is required in the Tramway environment
- K3 the principles of a temporary traffic management system
- K4 the **considerations** of a planned traffic management system layout
- K5 how to calculate the amount of equipment required
- K6 how a temporary traffic management system can affect **stakeholders**
- K7 the personal protection arrangements required during set up, maintenance and removal of a temporary traffic management system
- K8 how to assess the standard of equipment and confirm it is suitable for use
- K9 the procedures for setting up and dismantling a temporary traffic management system
- K10 the importance of adhering to a sequence of work when setting up and dismantling a temporary traffic management system
- K11 the importance of **checking** the Tramway environment before removing a temporary traffic management system

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Additional Information

Scope related to performance criteria

- P1 **Area** may include; worksite, designated stop lines, approach distances for signage.
- P3 **Equipment** may include; cones, traffic lights, bollards, barriers, ramps, walkways, signs.
- P6 **Maintain** may include; ensuring equipment is still in its correct position, replacing missing or damaged equipment, ensuring the equipment is clean (e.g. reflective signs).
- P8 **Problems and issues** may include; miss-use of equipment, system is ineffective, pedestrian adherence, access, vehicle impact, theft.

Scope related to knowledge criteria

- K1 **Main legal requirements** may include; may include; New Roads & Street Works Act, The Highways Act, The Road Traffic Act, The Traffic Management Act, legislation relating to the placement of signs and markings.
- K4 **Considerations** may include those relating to; speed limits, traffic flow, visibility, worksite operations, busy traffic periods, type of traffic, temporary lane width, safety zones, pedestrian walkways, disability (e.g. visual impairments), obstructions, stakeholder access, site access.
- K6 **Stakeholders** may include; pedestrians, road users, businesses, landowners, councils, general public, emergency services, transport operators, passengers, customers.
- K11 **Checking** may include ensuring the area is clear of; debris, workers, equipment, vehicles, uncovered excavations, trip hazards.

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Set up and maintain a temporary traffic management system in the Tramway environment

Additional Information

Glossary

Tramway environment

Includes the tramway (a set of rails, switches and crossings which form the route of a Tram), infrastructure (fixed assets used for the running of the Tram transport system, including, the tramway, bridges, tunnels, stops, stations and fixed equipment for signalling, communications and electrification), depots, stabling yards.

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Developed by UK Tram

Version number 1

Date approved

Indicative review date

Validity Current

Status Original

Originating organisation New NOS

Original URN New

Relevant occupations Transport Operations and Maintenance

Suite Tramway Engineering

Key words Tram, Tramway, traffic management