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## 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 relevant legal requirements relating to temporary traffic management in the Tramway environment and how the system can affect stakeholders. You will know and understand the personal protection requirements necessary during set up, maintenance and dismantling of a temporary traffic management system.

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 confirm you are wearing the correct PPE (Personal Protective Equipment) and following the relevant **health and safety procedures**
- P2 identify the **area** to be controlled by a temporary traffic management system
- P3 source and follow **information and documentation** regarding the planned layout of the temporary traffic management system
- P4 identify the traffic management **equipment** required
- P5 set up the traffic management equipment in accordance with the plan and in line with your organisation's procedures
- P6 confirm the equipment is working, where required
- P7 **maintain** the temporary traffic management system in the Tramway environment
- P8 dismantle and remove the traffic management equipment in line with your organisation's procedures
- P9 take the required action when **problems and issues** are identified

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## Knowledge and understanding

### You need to know and understand:

- K1 the relevant health and safety procedures appropriate to the activity including safe systems of work
- K2 the **relevant legal requirements** relating to traffic management and temporary traffic management systems
- K3 the reasons why a temporary traffic management system is required in the Tramway environment
- K4 the main principles of a temporary traffic management system in the Tramway environment
- K5 the **considerations** of a planned traffic management system layout
- K6 how to calculate the amount of equipment required
- K7 how a temporary traffic management system can affect **stakeholders**
- K8 the personal protection arrangements required during set up, maintenance and removal of a temporary traffic management system
- K9 how to assess the standard of equipment and confirm it is suitable for use
- K10 the procedures for setting up and dismantling a temporary traffic management system
- K11 the importance of adhering to a sequence of work when setting up and dismantling a temporary traffic management system
- K12 the importance of **checking** the Tramway environment before removing a temporary traffic management system

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### Scope/range related to performance criteria

**P1 Health and safety procedures** \*\*may include; ergonomic working, moving and manual handling, Personal Protective Equipment (PPE), working time and breaks, lone working, Personal Track Safety, safe systems of work (authorised access/egress points, signage, lighting, CCTV, walking to and from a work site, planned protection arrangements, emergency stop protection arrangements, possession arrangements, isolation requirements, communication/warning arrangements and techniques, positions of safety, safety zones, lookout arrangements, first aid points, emergency assembly point, safety briefings, fire evacuation, working at height requirements, working in confined spaces requirements, authorised walking routes, emergency service support (as required), walking to and from a vehicle, designated parking areas).

**P2 Area** may include; worksite, designated stop lines, approach distances for signage.

**P3 Information and documentation** may include; paper based and electronic, work permits, risk assessments, site diagrams and schematics, work specifications.\* \*

**P4 Equipment** may include; cones, traffic lights, bollards, barriers, ramps, walkways, signs.

**P7 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).

**P9 Problems and issues** may include; miss-use of equipment, system is ineffective, pedestrian adherence, access, vehicle impact, theft.

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### Scope/range related to knowledge and understanding

K2\*     \* **Relevant legal requirements** 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.

K5\*     \* **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.

K7       **Stakeholders** may include; pedestrians, road users, businesses, landowners, councils, general public, emergency services, transport operators, passengers, customers.

K12    **Checking** may include ensuring the area is clear of; debris, workers, equipment, vehicles, uncovered excavations, trip hazards.

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## 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.

UKTTWE02

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



Developed by	UK Tram
Version Number	1
Date Approved	30 Mar 2021
Indicative Review Date	31 Mar 2024
Validity	Current
Status	Original
Originating Organisation	n/a
Original URN	None
Relevant Occupations	Engineering, Engineering Technicians
Suite	Tramway Engineering
Keywords	Tram, Tramway, traffic management.