

UKTTE02

Operate under a safe system of work in the Tram and Tramway environment



Overview

This standard identifies the competencies you will need to confirm that you are operating under a safe system of work in the Tram and Tramway environment. It is about making sure you and your colleagues comply with the systems in place to ensure the separation of workers, and also the general public, from moving Tram vehicles, Tram vehicle components, infrastructure assets, equipment and components during engineering activities. It includes confirming that the necessary safety requirements are in place prior to entry into the Tramway and Tram environment and undertaking work activities. This can include possession, protection and isolation requirements and also being able to monitor the effectiveness of the safe systems of work at regular intervals for the duration of the work activity.

This standard is for anyone who works in the Tram and Tramway engineering and construction environment.

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Performance criteria

You must be able to:

- P1 access **information and documentation** relating to the work area and its **safe system of work** requirements
- P2 identify the safe systems of work requirements
- P3 ensure **equipment** required to support a safe system of work is present and working correctly
- P4 confirm the safe systems of work are in place prior to accessing a Tram and Tramway environment
- P5 confirm the responsibilities of those involved
- P6 monitor the safe systems of work at regular intervals during work activities
- P7 challenge instances when safe systems of work are not being adhered to
- P8 report any issues to safe systems of work in line with organisational requirements

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Knowledge and understanding

You need to know and understand:

- K1 the importance of adhering to safe systems of work
- K2 the equipment required to support a safe system of work
- K3 the range of controls and procedures in place to prevent interference with a safe system of work
- K4 ways in which a safe system of work can be **affected**
- K5 organisational procedures for reporting issues and unsafe working practices
- K6 the **relevant laws and regulations** relating to safe working practices

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Additional Information

Scope related to performance criteria

P1 **Information and documentation** may include; work permits, risk assessments, site diagrams and schematics, work specifications. **Safe system of work** may include; 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, Personal Protective Equipment (PPE) requirements, emergency service support (as required), walking to and from a vehicle, designated parking areas.

P4 **Equipment** may include; signage, barriers, warning tape, tags, chocks, flags, lamps, flood lights, electronic communications equipment, working at height equipment, working in confined spaces equipment.

Scope related to knowledge criteria

K4 **Affected** may include; interference by members of the public, conflict between pedestrian/highway and Tramway, adverse environmental conditions, incidents and emergencies, fitness for duty (drugs, alcohol, medication, mental health, fatigue).

K6 **Relevant laws and regulations** may include; Road Traffic Act, highway code, standard operating procedures, working at heights, health and safety at work, COSHH, ROGS, LOLER, PUWER, manual handling, electricity at work, NRSAW (New Roads and Street Works).

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Additional Information

Glossary

Tram

Tramcars, tram vehicle, and any other rail vehicles that operate on tramways. It includes one or more trams coupled together and includes non-passenger-carrying vehicles.

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.

Fitness for duty

A legal declaration to say that a person is in a fit state to work.

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