

UKTTE13

Select and use hand held tools and equipment in the Tram and Tramway environment



Overview

This standard is about selecting and using hand held tools and equipment in the Tram and Tramway environment. You must be able to select the correct tool or equipment for the task and carry out a range of safety checks to ensure that the tools and equipment are fit for the purpose intended. You will be able to use hand held tools and equipment safely and in line with organisational requirements. This includes wearing the correct Personal Protective Equipment (PPE) and ensuring a safe system of work has been set up prior to undertaking any activities. You will know and understand your organisations procedures for the care, security and control of tools and equipment and the methods for reporting any issues relating to the tools and equipment.

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

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Performance criteria

- You must be able to:*
- P1 set up a **safe system of work** to minimise the risks associated with using hand held tools and equipment in the Tram and Tramway environment
 - P2 wear personal protective equipment in line with your organisation's requirements
 - P3 access **documentation** relating to the hand held tools and equipment to be used
 - P4 select and use hand tools and equipment required to complete the work activity
 - P5 set up **supporting equipment** relevant to the activity being carried out
 - P6 carry out **inspection and preparation** activities on the hand held tools and equipment
 - P7 use hand tools and equipment in line with your organisation's procedures
 - P8 take action when issues arise in line with organisation's requirements
 - P9 clean and store hand tools and equipment after use in line with your organisation's requirements
 - P10 dispose of waste items in line with your organisation's requirements

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Knowledge and understanding

You need to know and understand:

- K1 the organisational procedures for the **control** of tools and equipment
- K2 the types of problems and issues that can occur with tools and equipment and the procedures for dealing with these
- K3 the importance of inspecting and preparing hand held tools and equipment prior to undertaking activities in the Tram and Tramway environment
- K4 the methods and techniques for carrying and transporting hand held tools and equipment in the Tram and Tramway environment
- K5 how materials can behave with different hand held tools and equipment
- K6 the implications of using damaged or faulty hand held tools and equipment
- K7 the importance of using hand held tools and equipment for their intended purpose
- K8 the importance of keeping the work area clean and tidy
- K9 the **risks** associated with the use of hand held tools and equipment
- K10 the **legal and organisational requirements** relating to the safe use of hand held tools and equipment

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Additional Information

Scope related to performance criteria

P1 **Safe system of work** may include; barriers, tape, warning signs and tape, temporary cable tidy/protector, additional lighting, exclusion zones (including the protection of people, flammable substance etc.), machine guards.

P2 **Documents** may include; risk assessment, calibration certificate, instructions, specifications, PAT certificate, noise, dust and vibration control, manufacturer's instructions/manuals, maintenance requests/reports.

P4 **Supporting equipment** may include; access (ladders, steps, trestles, platforms, hoists), lifting and handling equipment, safety (harness, PPE), isolation (tape, barriers), temporary electrical supplies (lighting, sockets).

P5 **Inspection and preparation** may include; tests, checks, calibration, cleaning, turning on, lubricating, adjusting, wear and tear, removing and replacing consumable components, tightening, sharpening.

Scope related to knowledge criteria

K1 **Control** may include; sign in, sign out, record of usage, record of calibration, secure storage.

K9 **Risks** may include; hand/arm vibration, personal injuries, injuries to others, strains, damage to assets, equipment and component.

K10 **Legal and organisational requirements** may include; PUWER, working at height, working in confined spaces, working time, PPE at work.

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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.

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