

UKTTE21

Confirm compliance with Tram vehicle specifications



Overview

This standard is about confirming compliance with Tram vehicle specifications. You will be able to analyse the information and specification of the Tram vehicle being work on and carry out the required integrity checks and tests to ensure the Tram vehicle assets, equipment, components and systems conform to the specification required prior to returning the Tram vehicle to operational service. It also includes being able to identify and assess defects and variations to the specification and being able to take action within the limits of your own authority and responsibility.

You will know and understand the different tolerances and limits found in Tram vehicle specifications and how to evaluate the accuracy of the measurement and test equipment to ensure the effectiveness of the measurement or test being undertaken. You will also know and understand your organisation's procedures for dealing with a non-compliance asset, equipment, component or system.

This standard is for those who work in the Tram engineering environment at supervisor/technician level.

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Performance criteria

- You must be able to:*
- P1 identify and analyse Tram vehicle **information and specifications** for the assets, equipment, component or systems being worked on
 - P2 confirm work **activities** have been completed in line with your organisation's requirements
 - P3 carry out compliance checks using approved methods and techniques
 - P4 identify and assess any defects or variations from the Tram vehicle information and specification
 - P5 take action when defects or variations are identified in line with your organisation's procedures
 - P6 confirm and report completion of compliance tests and checks in line with your organisation's procedures and within the limits of your own authority and responsibility
 - P7 record compliance information in line with your organisation's procedures

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Knowledge and understanding

You need to know and understand:

- K1 the different limits and tolerances found in Tram vehicle specifications
- K2 the general principles of sampling and statistical process control methods and techniques that can be used during compliance activities
- K3 the quality control procedures relating to Tram vehicle maintenance and engineering as defined by your organisation
- K4 how to identify and evaluate the accuracy of measuring and test equipment
- K5 how to compare the use and effectiveness of different measuring and test equipment
- K6 the methods and techniques for carrying out compliance activities on Tram vehicle assets, equipment, components and systems
- K7 the importance of confirming compliance before a Tram vehicle is returned to operational service
- K8 your organisation's procedures for the control of a non-compliant asset, equipment, component or system
- K9 how defects and variations can affect the performance and safety of a Tram vehicle asset
- K10 your organisation's procedures for the completion and control of records and documentation
- K11 the importance of accurate, complete and controlled maintenance and engineering records and documentation

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Additional Information

Scope related to performance criteria

P1 **Information and specifications** may include; electronic or paper records and documents (previous compliance information, previous maintenance records, drawings, defect history, fault reports, handbooks, manuals, charts, maintenance specifications/schedules, images, warrantee, instructions, schedules, catalogues, logbooks).

P2 **Activities** may include; routine inspection, routine maintenance, monitoring, lifting and moving, repair, cleaning.

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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.

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