

Overview

This standard is about mobilising a motor vehicle at the roadside. This may include basic repair or replacement of components. Repairs are likely to be restricted by time, at which point vehicle recovery is to be actioned.

DRAFT

Performance

Criteria

- You must be able to:
- P1 identify and wear suitable personal protective equipment (PPE) which complies with legislation and industry codes of practice
 - P2 safeguard and maintain your own health and safety and that of those likely to be affected by your basic motor vehicle repair activities in accordance with current legislation
 - P3 comply with any existing site risk assessments and carry out a dynamic risk assessment
 - P4 ensure vehicle has been made safe prior to undertaking any activities
 - P5 identify where a minor repair will mobilise the vehicle
 - P6 select the correct method of repair from the appropriate manual or other media
 - P7 undertake basic repairs at the roadside on:
 - P7.1 electrical systems and circuits
 - P7.2 engine and fuel systems
 - P7.3 transmission system
 - P7.4 steering and suspension systems
 - P7.5 brake systems
 - P7.6 cooling systems
 - P7.7 exhaust system
 - P8 demonstrate the ability to repair identified faults within the system
 - P9 perform a re-test to ensure the repair is successful
 - P10 use safe working practices when dealing with test equipment and tools
 - P11 take prompt and effective corrective actions to resolve any errors within the limits of your workplace responsibilities
 - P12 ensure handover documentation is completed accurately and passed promptly to the relevant person(s)

Knowledge and understanding

You must know and understand:

Legislative and organisational requirements and procedures

- K1 basic system features and operation including fundamentals of
 - K1.1 electrical systems and circuits
 - K1.2 engine and fuel systems
 - K1.3 transmission systems
 - K1.4 steering and suspension systems
 - K1.5 brake systems
 - K1.6 cooling systems
 - K1.7 exhaust systems
- K2 how to recognise the repair procedure for the appropriate fault within the system
- K3 the relationship between time, costs and profitability and when recovery is the most efficient solution
- K4 the vehicle repair manual or other media to determine the correct method
- K5 the appropriate test equipment to be used for the fault presented
- K6 the appropriate tools and equipment to be used for the fault presented
- K7 the procedures for reporting problems
- K8 the health and safety requirements relevant to repair procedures
- K9 the hazards associated with working on or near high voltage electrical vehicle components
- K10 the importance of adhering to a robust, documented handover procedure
- K11 the importance of informing the customer where temporary work has been carried out

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