

## Overview

This standard identifies the competencies you need to carry out preparation and manoeuvring activities on military Armoured Fighting Vehicles (AFVs) in accordance with approved procedures including the Army Equipment Support Publications (AESPs). You will be required to select the appropriate tools and equipment to use, based on the activities to be carried out, and to check that they are in a safe and serviceable condition. You will be required to prepare and manoeuvre the AFV to the appropriate location, and to prepare the vehicle for maintenance operations or recovery. The manoeuvring activities will involve assisting in vehicle towing, vehicle marshalling, loading onto transport, parking and securing.

Your responsibilities as the Deputy Vehicle Commander will require you to comply with organisational policy and procedures for the activities undertaken, and to report any problems that you cannot personally resolve, or are outside your permitted authority, to the relevant people. You will be expected to work with a minimum of supervision and as part of a team, communicating using hand signals and other communication devices. You must demonstrate a significant personal contribution during the team activities, in order to satisfy the requirements of this standard, and competency in all the areas required by the standard must be demonstrated. You will be expected to take personal responsibility for your own actions and for the quality and accuracy of the work that you carry out.

Your underpinning knowledge will be sufficient to provide a sound basis for your work, and will provide an informed approach to applying AFV preparation and manoeuvring techniques and procedures. You will have an understanding of the preparations to be carried out on the AFV, prior to moving and to have an in-depth understanding and knowledge to provide a sound basis for carrying out the activities safely and correctly.

You will understand the safety precautions required when carrying out the preparation and manoeuvring operations. You will be required to demonstrate safe working practices throughout, and will understand the responsibility you owe to yourself and others in the workplace.

### **Specific Standard Requirements:**

The candidate must hold a full category H Driving Licence.

The candidate must be a fully qualified AFV crewman.

## Performance criteria

### *You must be able to:*

1. work safely at all times, complying with health and safety legislation, regulations, directives and other relevant guidelines
2. obtain all the information and documentation you require to start the vehicle manoeuvring activities
3. plan the vehicle manoeuvring activities before you start them
4. obtain and prepare any support equipment required to move and secure the vehicle and check that it is in a useable condition
5. prepare the vehicle for the manoeuvring activities to be undertaken
6. start the vehicle following the correct procedures as per vehicle Army Equipment Support Publication (AESPs)
7. carry out the manoeuvring activities using the correct procedures and work instructions
8. carry out the manoeuvring activities within the limits of your personal authority
9. deal promptly and effectively with problems within your control and seek help and guidance from the relevant people if you have problems that you cannot resolve
10. report any instances where the vehicle securing and/or manoeuvring activities cannot be fully met
11. leave the work area in a safe and tidy condition on completion of the manoeuvring activities
12. dispose of waste materials in line with organisational and environmentally safe procedures
13. ensure that the vehicle is left in a safe and secure condition on completion of activities
14. complete relevant documentation on completion of the manoeuvring activities

## Knowledge and understanding

### *You need to know and understand:*

1. the specific health and safety requirements, precautions, and safe working practices and procedures to be observed whilst preparing and manoeuvring AFVs for maintenance and transportation
2. the types of protective equipment (PPE) you need to use for both personnel protection and protection of the AFV
3. the importance of wearing appropriate protective clothing and equipment
4. the procedures to be followed to evacuate personnel from AFVs. Including fire evacuation
5. the hazards associated with driving and manoeuvring AFVs on the public highway
6. the procedures to be followed if AFV breaks down
7. the procedures to be followed in the event of an accident/incident
8. the authorisation process and documentation required to prepare and manoeuvre the AFV
9. the AFV system isolation procedures to be followed to secure the vehicle weapons systems and adherence to Army Equipment Support Publication (AESPs)
10. the methods used to secure components such as hatches, turret and other unsecured items
11. the checks to be carried out on the AFV before it is started and manoeuvred including leaks, damage, wear and deterioration or missing parts
12. the AFV system "start up" and "run down" procedures to be followed before and after use
13. how to obtain and interpret manuals and other documents needed in the manoeuvring operation for AFVs
14. the principles of how the AFV functions, its operating sequence, controls, the working purpose of individual units/components and how they interact
15. how to operate and secure the vehicles communication system on AFVs
16. the hazards associated with driving, marshalling, parking AFVs especially in confined area/spaces, and how these hazards can be minimised
17. the hazards associated with towing AFVs and how these hazards can be minimised
18. the hazards associated with tow starting AFVs and how these hazards can be minimised

19. the hazards associated with AFVs recovery and how these hazards can be minimised
20. the importance of checking that the recovery equipment used to assist in the manoeuvring of AFVs is in a usable and safe condition and the specific checks that need to be made
21. the range and types of equipment to be used when towing or recovering AFVs to include "A" frames, Straight Bar, Wire Tow Rope, Kinetic energy Rope and "D" Shackles
22. the factors to take into account when deciding which of the following should be used and why, A frame, straight bar, wire tow rope, kinetic energy rope and D shackles
23. the importance of ensuring that the AFV is secured correctly when being prepared for onward transportation and the implications if this is not carried out correctly
24. the methods used to position and secure the AFV to transport the vehicle by rails, road, air and sea
25. the problems that can occur with the AFV preparation and manoeuvring activities and how these can be overcome
26. the duties and responsibilities of the personnel used in the preparation and manoeuvring activities including the driver, controller and marshaller
27. the AFV driving and control procedures to be used when manoeuvring across country
28. the AFV driving and control procedures to be used when manoeuvring over obstacles
29. the procedures to be followed to identify and log faults found on the AFV
30. the different methods of communication used when manoeuvring and obstacle crossing for AFVs to include hand signals, torch signals and verbal orders
31. the procedure to be used to dispose of any waste materials safely and in an environmentally friendly manner
32. the importance of leaving AFVs in a safe condition on completion of the manoeuvring activities, and the correct after use procedures
33. the extent of your own responsibility and whom you should report to if you have problems that you cannot resolve

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Maintenance and Transportation



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## Scope/range related to performance criteria