



Fire Protection Training

Procedures Handbook 4300

MOBILE EQUIPMENT

TOPIC: Fire Engine Driving Procedures for Emergency Movement

TIME FRAME: 30 Minutes

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: A written quiz

Behavior: The student will properly describe the procedure used to move a fire engine to a designated location under simulated emergency conditions.

Standard: With a minimum of 100% accuracy

MATERIALS NEEDED:

- Appropriate visual aids
- Chalkboard
- Engine
- Audio visual equipment

REFERENCES:

- California Vehicle Code
- CDF, Mobile Equipment Management Procedures Handbook, (6700)

PREPARATION:

During emergency situations it may be necessary for any crew members to move an engine to prevent loss of life, property or damage to the engine. By understanding the proper procedures for moving an engine, your supervisor can rely on you in a time of need to safely and expediently move the apparatus out of harms way.



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FIRE ENGINE DRIVING
PROCEDURES FOR
EMERGENCY MOVEMENT

PRESENTATION	APPLICATION
<p>I. WALK AROUND ENGINE</p> <ul style="list-style-type: none">A. Close Any Open CompartmentsB. Disconnect Any Deployed Hoses<ul style="list-style-type: none">1. Inform crew prior to shut downC. Remove Chock BlocksD. Time Permitting Stow All Loose EquipmentE. Visually Inspect Potential Escape Routes for Obstacles and Hazards <p>II. MOVING PROCEDURES</p> <ul style="list-style-type: none">A. Fasten Seat BeltB. Switch Battery On (as necessary)C. Turn Ignition to On Position (as necessary)D. Disengage Midship Pump (as necessary)E. Place Transfer Case in High Range (as necessary)F. Place Transmission in Proper GearG. With Foot on Brake, Release Spring Brake<ul style="list-style-type: none">1. Must have 60 PSI air pressure to release spring brakeH. Sound Proper Horn Signal<ul style="list-style-type: none">1. Use back-up person, if available	<p>Termed the "Golden Circle"</p> <p>Wear at all times!</p>



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PRESENTATION	APPLICATION
<p>2. Standard CDF horn signals</p> <ul style="list-style-type: none">a. One honk = stopb. Two honks = moving forwardc. Three honks = moving backward <p>I. Move Engine</p> <p>III. STOPPING PROCEDURE</p> <ul style="list-style-type: none">A. Apply Brakes to Stop EngineB. Place Automatic Transmission in NeutralC. Set Spring BrakeD. Notify Supervisor of Current Situation and StatusE. Turn Off MotorF. Manual Transmissions should be Left in First Gear or ReverseG. Turn Battery Switch OffH. Set Chocks	<p>Back up person always required for non-emergency backing</p> <p>Explain in cab controls; clutch, retarder, brake, accelerator pedal, transfer case, transmission, etc.</p>



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SUMMARY:

As a general rule only trained and certified CDF employees are permitted to operate an engine. Under emergency conditions however, it may be necessary for uncertified personnel to move an engine to a position of safety. With minimal training, most personnel will be able to accomplish this task.

EVALUATION:

A written quiz.

ASSIGNMENT:

To be determined by instructor(s).