



## Apparatus Driver/Operator Evaluation Form

Engine: \_\_\_\_\_

Name: \_\_\_\_\_ ID#: \_\_\_\_\_

### Section I: Apparatus Knowledge

The Evaluator shall ask the Apparatus Driver/Operator questions regarding the mechanical systems and size of the apparatus.

1. The Apparatus Driver/Operator demonstrates thorough knowledge of the size of the apparatus
  - ☐ Lists the height and width of the apparatus.
  - ☐ Lists the weight of the apparatus.
2. The Apparatus Driver/Operator demonstrates thorough knowledge of the mechanical systems of the apparatus.
  - ☐ States the apparatus engine type.
  - ☐ States what type of fuel the apparatus uses.
3. The Apparatus Driver/Operator demonstrates thorough knowledge of the pump and tank capacities of the apparatus.
  - ☐ States the pump capacity.
  - ☐ States the tank capacity.

### Section II: Apparatus Inspection

The Apparatus Driver/Operator will perform a complete apparatus inspection utilizing an apparatus inspection checklist. During the inspection, the Apparatus Driver/Operator will demonstrate the ability to operate all equipment located on the apparatus.

1. The Apparatus Driver/Operator demonstrates the ability to check and evaluate the mechanical systems of the apparatus:
  - ☐ Performs walk around inspection
  - ☐ Checks tire air pressure
  - ☐ Checks the oil level
  - ☐ Checks the coolant/anti-freeze level
  - ☐ Checks the transmission fluid level
  - ☐ Checks power steering fluid level
  - ☐ Checks the fluid level in the batteries
  - ☐ Checks hoses and belts for excessive wear or defects
2. The Apparatus Driver/Operator is able to demonstrate the location and operation of equipment carried in apparatus compartments.
  - ☐ Locates and operates all apparatus equipment

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3. The Apparatus Driver/Operator demonstrates the location and operation of all cab controls and instruments.

- ☐ The location and use of the battery switch.
- ☐ The location, function and normal readings of the following gauges:
  - ☐ Speedometer
  - ☐ Tachometer
  - ☐ Air Pressure
  - ☐ Oil Pressure
  - ☐ Fuel Level
  - ☐ Air Restriction
  - ☐ Ammeter

4. The Apparatus Driver/Operator demonstrates the location and use of the following controls:

- ☐ Parking Lights
- ☐ Headlights
- ☐ Cab Lights
- ☐ Windshield Wipers
- ☐ Windshield Washer
- ☐ Heater/Defroster

5. The Apparatus Driver/Operator demonstrates location and operation of the following communications equipment:

- ☐ Mobile Radio
- ☐ Portable Radio
- ☐ The Apparatus Driver/Operator distinguishes the difference between channel 1 and channel 2 and is able to tell the Evaluator when it is appropriate to use channel 1 and when it is appropriate to use channel 2.
- ☐ Telex Intercom System

6. Apparatus Driver/Operator demonstrates the location and operation of all emergency warning equipment.

- ☐ Air horn
- ☐ Electronic and mechanical siren
- ☐ Warning light equipment
- ☐ Siren horn selector switch

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7. The Apparatus Driver/Operator demonstrates proper procedures to start the apparatus and pull it out of the apparatus bay onto the station driveway:
- ☐ Proper use of his/her helmet
  - ☐ Safety evaluation of fire district personnel or visitors in the apparatus bay.
  - ☐ Safety evaluation of fire district personnel riding on the apparatus.
  - ☐ Proper engine start-up procedure.
  - ☐ Evaluates the status of the apparatus bay door.
  - ☐ Evaluates activity occurring outside the apparatus bay on and around the station driveway area.
8. The Apparatus Driver/Operator will demonstrate a complete understanding of the following items:
- ☐ Pump type and capacity
  - ☐ The primer pump
  - ☐ Throttle control
  - ☐ Transfer valve
  - ☐ Tank to pump valve
  - ☐ Tank fill valve
  - ☐ Pump drain
  - ☐ Radiator refill
  - ☐ Auxiliary cooler
  - ☐ Bypass valve
  - ☐ All outlet valves and drains
9. The Apparatus Driver/Operator demonstrates capability of:
- ☐ Placing the pump into gear utilizing:
    - ☐ The electrical pump shift mechanism
    - ☐ The manual pump shift mechanism
  - ☐ Operating the pump while receiving water from:
    - ☐ The apparatus tank
    - ☐ A hydrant
    - ☐ A tanker
    - ☐ A static source while drafting
  - ☐ Operating the Class A foam system:
    - ☐ Discusses what happens when AFFF is placed in the Class A foam tank.
    - ☐ Discusses how to refill the Class A foam tank.

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- ☐ Setting the relief valve.
- ☐ Placing in service and ensuring proper operating pressure for a 1-1/2 or 1-3/4 inch pre-connect attack line.
- ☐ Placing in service and ensuring proper operating pressure for a 2 1/2 attack line.
- ☐ Laying a supply line and receiving water from the supply line.
- ☐ Connecting to a hydrant and receiving water.
- ☐ Refilling the apparatus water tank:
  - ☐ From a tanker.
  - ☐ From a hydrant.
  - ☐ From a house supply line.

10. The Apparatus Driver/Operator is able to describe the hosebed configuration of the apparatus.

- ☐ The Apparatus Operator / Engineer is able to describe the amount of hose in the following hosebeds:
  - ☐ 1" crosslay
  - ☐ 2-1/2" reverse lay
  - ☐ 1-3/4" crosslay
  - ☐ 1-3/4" reverse horseshoe
  - ☐ 2-1/2" pre-connect
  - ☐ 4" LDH

11. The Apparatus Driver/Operator is able to list the gpm settings for the following nozzles:

- ☐ 1-3/4" crosslay
- ☐ 2-1/2" pre-connect

### Section III: Equipment Recall

After the apparatus inspection is complete, the Evaluator will ask the Apparatus Driver/Operator to immediately find ten items stored on the apparatus.

1. The Apparatus Driver/Operator will recall from memory the location of equipment located on the apparatus when asked by the Evaluator. (List items)

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### Section IV: Emergency Driving (Comprehension)

The Evaluator shall ask the Apparatus Driver/Operator questions relating to emergency driving philosophy, policy and technique.

1. The Apparatus Driver/Operator demonstrates an understanding of state statutes and Fire District rules relating to emergency vehicles and emergency response.
  - ☐ Define the term "emergency vehicle"
  - ☐ State what warning equipment is necessary to operate as an emergency vehicle.
  - ☐ State when a driver of an emergency vehicle may sound his/her siren and display emergency lights.
  - ☐ State what the driver of a motor vehicle should do upon the approach of an emergency vehicle when it is sounding its siren and displaying emergency lights.
  - ☐ State the maximum speed the emergency vehicle may operate at when driving in urban areas (municipalities and subdivisions) when it is utilizing warning equipment and responding to an emergency assignment.
  - ☐ List those environmental conditions that may affect driving surfaces and vehicle handling.
  - ☐ State the maximum speed the emergency vehicle may operate at when driving on various road types when it is utilizing warning equipment and responding to an emergency assignment
  - ☐ State the minimum following distance between vehicles.
  - ☐ State what actions should be taken when approaching and subsequently crossing an intersection against a red light or stop sign when responding emergency.
  - ☐ The Apparatus Driver/Operator is able to state what actions should be taken when approaching and subsequently crossing an intersection with a green light or without a stop sign when responding emergency.
  - ☐ The Apparatus Driver/Operator is able to state what actions should be taken when approaching and subsequently crossing an intersection using the oncoming lane of traffic when responding emergency.
  - ☐ The Apparatus Driver/Operator is able to state what actions should be taken when approaching and subsequently passing a school bus or mass transit bus that is loading or unloading passengers.
  - ☐ The Apparatus Driver/Operator is able to state what actions should be taken when approaching a railroad crossing when railroad track warning equipment does not exist and when railroad track warning equipment does exist.

### Section V: Routine Driving

The Evaluator shall evaluate the Apparatus Driver/Operator on routine driving maneuvers.

1. The Apparatus Driver/Operator demonstrates proper apparatus start-up procedure:
  - ☐ Proper engine start-up procedure.
  - ☐ Use of seat belts

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- ☐ Use of his/her helmet.
  - ☐ Safety evaluation of personnel riding on the apparatus.
2. The Apparatus Driver/Operator demonstrates proper driving technique:
- ☐ Use of two-handed steering
  - ☐ Use of mirrors.
3. The Apparatus Driver/Operator demonstrates proper braking technique:
- ☐ Constant pressure technique with air brakes or intermittent pressure braking technique with hydraulic brakes.
  - ☐ Proper use of downshifting to assist braking.
4. The Apparatus Driver/Operator demonstrates proper driving techniques on a predetermined road course:
- ☐ \_\_\_\_\_ (Road Course)
5. The Apparatus Driver/Operator demonstrates proper and effective backing techniques as part of routine driving maneuvers:
- ☐ When a spotter is present
  - ☐ When a spotter is not present
6. The Apparatus Driver/Operator demonstrates proper wheel chocking techniques:
- ☐ The Apparatus Driver/Operator uses two wheel chocks to secure the apparatus.

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### Section VI: Evaluation

Evaluator's Comments:		
Evaluator's Evaluation:	Approved	Disapproved
_____	_____	_____
Evaluator's Name (Print)	Evaluator's Signature	Date
_____	_____	_____
<b>Section VII: Administrative Review</b>		
Station Commander's Comments:		
Station Commander's Evaluation:	Approved	Disapproved
_____	_____	_____
Station Commander's Signature	Date	_____
_____	_____	_____
Operations and Preparedness Bureau Review:	Approved	Disapproved
_____	_____	_____
Signature	Date	_____
_____	_____	_____

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