

**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
  - g Lists the height and width of the apparatus: \_\_\_\_\_
  - g Lists the weight of the apparatus: \_\_\_\_\_
2. The Apparatus Driver/Operator demonstrates thorough knowledge of the mechanical systems of the apparatus.
  - g States the apparatus engine type: \_\_\_\_\_
  - g 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.
  - g States the pump capacity: \_\_\_\_\_
  - g 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:
  - g Performs walk around inspection
  - g Checks tire air pressure
  - g Checks the oil level
  - g Checks the coolant/anti-freeze level
  - g Checks the transmission fluid level
  - g Checks power steering fluid level
  - g Checks the fluid level in the batteries
  - g Checks hoses and belts for excessive wear or defects
2. The Apparatus Driver/Operator demonstrates the location and operation of all cab controls and instruments.



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- ☐ 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
- 3. The Apparatus Driver/Operator demonstrates the location and use of the following controls:
  - ☐ Parking Lights
  - ☐ Headlights
  - ☐ Cab Lights
  - ☐ Windshield Wipers
  - ☐ Windshield Washer
  - ☐ Heater/Defroster
- 4. 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
- 5. Apparatus Operator/ Engineer demonstrates the location and operation of all emergency warning equipment.
  - ☐ Air horn
  - ☐ Electronic and mechanical siren
  - ☐ Warning light equipment
  - ☐ Siren horn selector switch
- 6. The Apparatus Driver/Operator demonstrates proper procedures to start the apparatus and pull it out of the apparatus bay onto the station driveway:
  - ☐ 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



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7. The Apparatus Driver/Operator will demonstrate a complete understanding of the following items:

- g Pump type and capacity
- g The primer pump
- g Throttle control
- g Transfer valve
- g Tank to pump valve
- g Tank fill valve
- g Pump drain
- g Radiator refill
- g Auxiliary cooler
- g Bypass valve
- g All outlet valves and drains

8. The Apparatus Driver/Operator demonstrates capability of:

- g Placing the pump into gear utilizing:
  - g The electrical pump shift mechanism
  - g The manual pump shift mechanism
- g Operating the pump while receiving water from:
  - g The apparatus tank
  - g A hydrant
  - g A tanker
- g Setting the relief valve.
- g Placing in service and ensuring proper operating pressure for a 1-3/4 inch pre-connect attack line.
- g Laying a supply line and receiving water from the supply line.
- g Connecting to a hydrant and receiving water.
- g Operating the side dump valves from the cab.
- g Filling the tank using the 4" quick fill line.
- g Operating the side dump valve.
- g Operating the rear dump valve.
- g Demonstrates the correct technique for lowering the fold-a-tank.

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

- g The Apparatus Operator / Engineer is able to describe the amount of hose in the following hosebeds:
  - g 1 3/4" crosslay
  - g 4" flat load

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

- g 1-3/4" Crosslay



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### 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 is able to demonstrate the location and operation of equipment carried in apparatus compartments. The Apparatus Driver/Operator will recall from memory the location of the following equipment located on the apparatus when asked by the Evaluator. (List items)

g Item #1: \_\_\_\_\_

g Item #2: \_\_\_\_\_

g Item #3: \_\_\_\_\_

g Item #4: \_\_\_\_\_

g Item #5: \_\_\_\_\_

g Item #6: \_\_\_\_\_

g Item #7: \_\_\_\_\_

g Item #8: \_\_\_\_\_

g Item #9: \_\_\_\_\_

g Item #10: \_\_\_\_\_

### Section IV: Emergency Driving (Comprehension)



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ID # \_\_\_\_\_

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.
  - g Define the term "emergency vehicle"
  - g State what warning equipment is necessary to operate as an emergency vehicle
  - g State when a driver of an emergency vehicle may sound his/her siren and display emergency lights
  - g 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
  - g 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
  - g List those environmental conditions that may affect driving surfaces and vehicle handling
  - g 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
  - g State the minimum following distance between vehicles.
  - g State what actions should be taken when approaching and subsequently crossing an intersection against a red light or stop sign when responding emergency
  - g 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.
  - g 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.
  - g 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.
  - g 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:
  - g Proper engine start-up procedure.
  - g Use of seat belts
  - g Use of his/her helmet.
  - g Safety evaluation of personnel riding on the apparatus.
2. The Apparatus Driver/Operator demonstrates proper driving technique:



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- ☐ 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 several road types: (list road names)

- ☐ Highway or State Road with Shoulder: \_\_\_\_\_
- ☐ Highway or State Road without Shoulder: \_\_\_\_\_
- ☐ County Road – Paved: \_\_\_\_\_
- ☐ County Road – Gravel: \_\_\_\_\_
- ☐ Subdivision Road: \_\_\_\_\_

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.



**Apparatus Driver/Operator Evaluation Form**

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**Name:**\_\_\_\_\_

**ID #**\_\_\_\_\_

**Section VI: Evaluation**

**Evaluator's Comments:**

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**Evaluator's Approval/Disapproval:**

**Approved**

**Disapproved**

\_\_\_\_\_  
**Evaluator's Name (Print)**

\_\_\_\_\_  
**Evaluator's Signature**

\_\_\_\_\_  
**Date**

**Station Commander's Comments:**

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**Station Commander's Approval/Disapproval:**

**Approved**

**Disapproved**

\_\_\_\_\_  
**Station Commander's Name (Print)**

\_\_\_\_\_  
**Station Commander's Signature**

\_\_\_\_\_  
**Date**

**Fire Chief's Approval/Disapproval:**

**Approved**

**Disapproved**

\_\_\_\_\_  
**Fire Chief's Name (Print)**

\_\_\_\_\_  
**Fire Chief's Signature**

\_\_\_\_\_  
**Date**