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
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
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.
Apparatus Driver/Operator Evaluation Form

Engine: _______

Name: ___________________________________________ ID#: _______

☐ 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 ½ 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)

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Evaluator ID#_____________  Revision: December 1, 2006
Apparatus Driver/Operator Evaluation Form

Engine: ________

Name: ___________________________________________ ID#: ________

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 statues 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 and 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
Apparatus Driver/Operator Evaluation Form

Engine: ________
Name: ____________________________________________  ID#: ________

☐ 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.
## Section VI: Evaluation

**Evaluator’s Comments:**

<table>
<thead>
<tr>
<th>Evaluator’s Name (Print)</th>
<th>Evaluator’s Signature</th>
<th>Date</th>
</tr>
</thead>
</table>

**Evaluator’s Evaluation:**  
Approved  Disapproved

## Section VII: Administrative Review

**Station Commander’s Comments:**

<table>
<thead>
<tr>
<th>Station Commander’s Name (Print)</th>
<th>Station Commander’s Signature</th>
<th>Date</th>
</tr>
</thead>
</table>

**Station Commander’s Evaluation:**  
Approved  Disapproved

**Operations and Preparedness Bureau Review:**  
Approved  Disapproved

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date</th>
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