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
Apparatus Driver/Operator Evaluation Form

Name: ___________________________ ID#: ________

Engine: ________

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

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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 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
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

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Name: ___________________________________________ ID#: ________

1. 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.
Apparatus Driver/Operator Evaluation Form

Engine: ________
Name: ___________________________________________ ID#: ________

Section VI: Evaluation

Evaluator’s Comments:

Evaluator’s Evaluation:  Approved  Disapproved
Evaluator’s Name (Print)  Evaluator’s Signature  Date

Section VII: Administrative Review

Station Commander’s Comments:

Station Commander’s Evaluation:  Approved  Disapproved
Station Commander’s Signature  Date

Operations and Preparedness Bureau Review:  Approved  Disapproved
Signature  Date