Apparatus Driver/Operator Evaluation Form

Tanker: ________

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 and dump times.

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 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
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

☐ Setting the relief valve.
☐ Placing in service and ensuring proper operating pressure for a 1-3/4 inch pre-connect attack line.
☐ Laying a supply line and receiving water from the supply line.
☐ Connecting to a hydrant and receiving water.
☐ Operating the side dump valves from the cab (Pierce Tankers).
☐ Filling the tank using the 4" quick fill line (Pierce Tankers).
Apparatus Driver/Operator Evaluation Form  

Tanker: ________  

Name: ___________________________________________  

ID#: ________

- □ Filling the tank using the dual 3" fill lines (Smeal Tankers).  
- □ Operating the side dump valve (Pierce Tankers).  
- □ Operating the rear dump valve.  
- □ Jet-assisted dumping (Smeal Tankers).  
- □ Demonstrates the correct technique for lowering the fold-a-tank.

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  
  - □ 1-3/4” crosslay  
  - □ 3” reverse lay

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

- □ 1-3/4” crosslay

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)

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

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.

Evaluator ID#__________  
Revision: December 1, 2006
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
   - 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:
   - □ ________________ (Enter road course letter)

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**

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Evaluator’s Evaluation: Approved Disapproved

Evaluator’s Name (Print)  Evaluator’s Signature  Date
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