

Water Tender Operations - Required Activities

Activity 3-1-1: Operate a Water Tender Off-pavement

Operate a Water Tender Off-pavement

Activity 3-1-1

Format: Individual

Time Frame: Open (based on a total of 20:30 hours for skills practice and completion)

Description

This activity provides students with an opportunity to operate a water tender in compliance with all applicable jurisdictional rules and regulations and operational limitations of the apparatus.

Materials

- Water tender
- Designated area for off-pavement driving (driving course requirements are listed below)
- Spotter
- Tools and equipment
- Personal protective clothing

Instructor Notes

- The off-pavement driving course shall include the following driving situations essential to driver/operator skills:
 1. Loose or wet soil
 2. Steep grades (40%; not to exceed manufacturer's recommendation fore and aft)
 3. Limited sight distance
 4. Blind curve and mid-slope in-turns
 5. Vehicle clearance obstacles (height, width, undercarriage [break-over], angle of approach, angle of departure, gates and fences)
 6. Limited space for turnaround
 7. Side slopes (15% side to side; not to exceed manufacturer's recommendation fore and aft)
 8. Varying types of road surface (washboard, heavy silt, gravel, and transitioning from gravel to pavement)

Water Tender Operations

Activity 3-2-1: Maneuver and Position a Water Tender at a Water Shuttle Fill Site

Maneuver and Position a Water Tender at a Water Shuttle Fill Site

Activity 3-2-1

NFPA 1002 Standard for Fire Apparatus Driver/Operator Professional Qualifications (2014)

- Paragraph 10.2.1

Maneuver and position a mobile water supply apparatus at a water shuttle fill site, given a fill site location and one or more supply hose, so that the apparatus is correctly positioned, supply hose are attached to the intake connections without having to stretch additional hose, and no objects are struck at the fill site.

Format: Individual

Time Frame: Open (based on a total of 20:30 hours for skills practice and completion)

Description

This activity provides students with an opportunity to maneuver and position a water tender at a water shuttle fill site.

Materials

- Water tender
- Fill site location
- One (1) or more supply hose
- Tools and equipment
- Personal protective clothing

Instructor Notes

- This skill identified under JPR 10.2.1 shall be demonstrated prior to the students practicing and completing the skill.

Water Tender Operations

Activity 3-3-1: Establish a Water Shuttle Dumpsite

Establish a Water Shuttle Dumpsite

Activity 3-3-1

NFPA 1002 Standard for Fire Apparatus Driver/Operator Professional Qualifications (2014)

- Paragraph 10.2.3

Establish a water shuttle dump site, given two or more portable water tanks, low-level strainers, water transfer equipment, fire hose, and a fire apparatus equipped with a fire pump, so that the tank being drafted from is kept full at all times, the tank being dumped into is emptied first, and the water is transferred efficiently from one tank to the next.

Format: Individual

Time Frame: Open (based on a total of 20:30 hours for skills practice and completion)

Description

This activity provides students with an opportunity to establish a water shuttle dumpsite.

Materials

- Two (2) or more portable tanks
- Low-level strainers
- Water transfer equipment
- Fire hose
- Pumping apparatus
- Tools and equipment
- Personal protective clothing

Instructor Notes

- This skill identified under JPR 10.2.3 shall be demonstrated prior to the students practicing and completing the skill.

Water Tender Operations

Activity 3-4-1: Maneuver and Position a Water Tender at an Established Water Shuttle Dumpsite

Maneuver and Position a Water Tender at an Established Water Shuttle Dumpsite

Activity 3-4-1

NFPA 1002 Standard for Fire Apparatus Driver/Operator Professional Qualifications (2014)

- Paragraph 10.2.2

Maneuver and position a mobile water supply apparatus at a water shuttle dump site, given a dump site and a portable water tank, so that all of the water being discharged from the apparatus enters the portable tank and no objects are struck at the dump site.

Format: Individual

Time Frame: Open (based on a total of 20:30 hours for skills practice and completion)

Description

This activity provides students with an opportunity to maneuver and position a water tender at an established water shuttle dumpsite.

Materials

- Water tender
- Established water shuttle dumpsite
- Portable water tank
- Tools and equipment
- Personal protective clothing

Instructor Notes

- This skill identified under JPR 10.2.2 shall be demonstrated prior to the students practicing and completing the skill.