| Colorado Division of Fire Prevention & Control Driver Operator Pumper JPRs (NFPA 1002, 2017 Edition) | | | | |
|---|---|--|--|--|
| JPR # | Task | Initial Certification JPR Requirement: 15 Mandatory Renewal JPR Requirement: 100% of All JPRs (including all subsections) | | |
| 1 | Apparatus pre-trip and tool inspection | Mandatory (Submitted Prior) | | |
| 2 | Apparatus maneuvering on pre- determined route | Mandatory(Submitted Prior) | | |
| 3 | 3a. Apparatus emergent and non-emergent operation 3b. Firefighter apparatus safety 3c. Scene Safety 3d. Water supply operation | Mandatory (Submitted Prior) | | |
| 4 | In cab procedures | Mandatory | | |
| 5 | Alley dock or apparatus station parking exercise | Mandatory | | |
| 6 | Serpentine exercise | Mandatory | | |
| 7 | Confined space turn-around exercise | Mandatory | | |
| 8 | Diminishing clearance exercise | Mandatory | | |
| 9 | Place pump into service | Mandatory | | |
| 10a | Pump pre-connect from tank to 2 nd floor with fog nozzle | Random of 10 a-f | | |
| 10b | Pump pre-connect from tank to ground floor with fog nozzle | Random of 10 a-f | | |
| 10c | Pump pre-connect from tank to 3 rd floor with fog nozzle | Random of 10 a-f | | |
| 10d | Pump pre-connect from tank downhill with fog nozzle | Random of 10 a-f | | |
| 10e | Pump pre-connect from tank uphill with fog nozzle | Random of 10 a-f | | |

| 10f | Pump pre-connect from tank to 1 st floor with fog nozzle | Random of 10 a-f |
|-----|--|------------------|
| 11 | Water source transfer | Mandatory |
| 12a | Pump smooth bore multi-story | Random of 12 a-f |
| 12b | Pump smooth bore elevation +/- | Random of 12 a-f |
| 12c | Pump fog nozzle elevation +/- | Random of 12 a-f |
| 12d | Pump gated wye, supply 2 lines with fog nozzles Random of 12 a- | |
| 12e | Pump single line master stream with elevation +/- Random of 12 a | |
| 12f | Pump two line master stream with elevation +/- | Random of 12 a-f |
| 13a | Supply sprinkler or stand pipe Random 13 a-b | |
| 13b | Supply foam fire stream Random 13 a-b | |
| 14a | Relay pumping from static source with 1 supply line | Random 14a-b |
| 14b | Relay pumping from static source with 2 supply lines Random 14a-b | |
| 15 | Return pumper to service | Mandatory |



Candidate:

| STAN | DARD: 5.1.2, 4. | 2.1 | TASK: Perform and document routine tests, inspections, and service f | unctions on | |
|------|---|---|--|-------------|--|
| NFPA | 1002, 2017 | | the systems and components specified in the following list, given a fire department pumper and its manufactures specifications, so that the ope | rational | |
| | | s | status of the vehicle is verified. | | |
| | 1 | | | | |
| | The ability to use hand tools, recognize system problems and correct any deficiency noted, with completed departmental forms, according to policies and procedures of Authority Having Jurisdict The Authority Having Jurisdiction will administer this JPR prior to the candidate participat in the Driver/Operator Pumper Practical. OutCOME: On the day of the practical the Proctor will choose two Task Steps to be demonstrated by the candidate; one of which will be a piece of equipment from task step # 11. Safety: A safety violation is grounds for automatic failure. All proctors present shall review | | | | |
| | | safety violation. | | | |
| | | | ped fire department pumper, the appropriate equipment to complete the a edures and related forms.* | assigned | |
| COND | OITIONS: The c | candidate will success | fully complete 100% of all elements of the assigned task steps. | | |
| No. | Task Steps 🗸 | | | | |
| 1. | Battery (ies) | | | | |
| 2. | Braking system | S | | | |
| 3. | Coolant systems | | | | |
| 4. | Electrical systems | | | | |
| 5. | Fuel | | | | |
| 6. | Hydraulic fluid | | | | |
| 7. | Oil | | | | |
| 8. | Tires | | | | |
| 9. | Steering system | 1 | | | |
| 10. | Belts | | | | |
| 11. | Tools, applianc | es and equipment | | | |
| 12. | Perform a routine inspection on Water tank and other extinguishing agent levels in accordance with policies and procedures of Authority Having Jurisdiction. (if applicable) | | | | |
| 13. | | Perform a routine inspection on pumping systems in accordance with policies and procedures of Authority Having Jurisdiction. | | | |
| 14. | Perform a routine inspection on Foam systems in accordance with policies and procedures of Authority Having Jurisdiction. (if applicable) | | | | |

*Authority Having Jurisdiction will make apparatus check off sheets available for the visual check of the vehicle per their department policies and procedures. The candidate will be allowed to use these sheets while performing this JPR.



Candidate:

| STAN | DARD: 4.3.1, A | -4.3.1 | TASK: Operate a fire department pumper, given a vehicle and a predet | ormined | |
|----------------------|--|--------|--|-----------|--|
| NFPA | 1002, 2017 | | route on a public roadway that incorporates the maneuvers and features | specified | |
| General Requirements | | s | in the following list that the driver/operator is expected to encounter during normal operations, so that the vehicle is safely operated in compliance with all applicable state and local laws, department rules and regulations, and the requirements of NFPA 1500, Standard on Fire Department Occupational Safety and Health Program, Section 4.2. | | |
| | Using a predetermined route provided by the Authority Having Jurisdiction the candidate will demonstrate the ability to operate passenger restraint devices; maintain safe following distances; maintain control of the vehicle while accelerating, decelerating, and turning, given road, weather, and traffic conditions; operate under adverse environmental or driving surface conditions; and use automotive gauges and controls. The Authority Having Jurisdiction will administer this JPR prior to the candidate participating in the Driver/Operator Pumper Practical. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. | | | | |
| | EQUIPMENT REQUIRED: A fully equipped fire department pumper, the appropriate equipment to complete the assigned tasks and access to department policies and procedures. | | | | |
| COND | CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps. | | | | |
| No. | | | Task Steps | ✓ | |
| 1. | Four left turns | | | | |
| 2. | Four right turns | | | | |
| 3. | A straight section of urban business street or a two-lane rural road at least 1 mile in length | | | | |
| 4. | One through-intersection and two intersections where a stop has to be made | | | | |
| 5. | One Railroad crossing | | | | |
| 6. | One curve, either left or right | | | | |
| 7. | A section of limited-access highway that includes a conventional ramp entrance and exit and a section of road long enough to allow two lane changes | | | | |
| 8. | A downgrade steep enough and long enough to require downshifting and braking | | | | |
| 9. | An upgrade steep enough and long enough to require gear changing to maintain speed | | | | |
| 10. | One underpass or a low clearance or bridge | | | | |

A-4.3.1

The maneuvers and features specified for this job performance requirement include driving situations that the committee has determined to be essential. The committee recognizes that each of these situations might not exist in all areas. Where this occurs, those specific requirements can be omitted.

Evaluator (Print & Sign)



Candidate:

| STANI | DARD: 4.3.6, A.4 | 4.3.6 | | | |
|--------|---|----------------------|--|--|--|
| NFPA 1 | A 1002, 2017 | | Task: Operate a vehicle using defensive driving techniques, given a fire department pumper, so that control of the vehicle is maintained. | | |
| Genera | l Requirements | | Simulated emergency driving conditions should be restricted to a controlled area. Public ways should not be used for these activities. | | |
| | RFORMANCE DUTCOME: The candidate will demonstrate the ability to operate passenger restraint devices, maintain safe following distances, maintain control of the vehicle while accelerating, decelerating, and turning, maintain reasonable speed for road, weather, and traffic conditions, operate safely during emergency conditions, operate under adverse environmental or driving surface conditions, and use automotive gauges and controls. The Authority Having Jurisdiction will administer this JPR prior to the candidate participating in the Driver/Operator Practical. The AHJ will ensure that the candidate has prerequisite knowledge, skills, and training as outlined in NFPA Standard 4.3.6 2017 Edition. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. | | | | |
| - | QUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access to partment policies, procedures and related forms | | | | |
| COND | CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps. | | | | |
| No. | Task Steps 🗸 | | | | |
| 1. | Wearing Seatbelt | | | | |
| 2. | Operate passenger restraint devices | | | | |
| 3. | Maintain safe following distances | | | | |
| 4. | Maintain reasonable speed for road, weather, and traffic conditions | | | | |
| 5. | Operate safely during simulated emergent conditions | | | | |
| 6. | Operate under a | dverse environmental | or driving surface conditions | | |
| 7. | Use automotive | gauges and controls | Use automotive gauges and controls | | |

*Authority Having Jurisdiction will maintain any documentation to verify that these duties have been performed.

Evaluator (Print & Sign)



Candidate:

| | DARD: 5.2.1 1002, 2017 | | Task: Respond on apparatus to an emergency scene, given safety equipment as provided by the AHJ, so that the apparatus is correctly | | |
|--------|---|--|--|--|--|
| Operat | ions | | mounted and dismounted and seat belts are used while the vehicle is in motion. | | |
| | The candidate will demonstrate mounting and dismounting procedures for riding fire apparatus. Whi mounting and dismounting the apparatus the candidate will face inward toward the apparatus using three points of contact and provided grabrails. The candidate will watch for and avoid hazards associated with riding apparatus. The candidate will discuss prohibited practices such as jumping out of apparatus, stepping forward out of the apparatus, and carrying equipment while exiting the apparatus. The candidate will recognize all types of department safety equipment and the means for usage. ORMANCE TCOME: The Authority Having Jurisdiction will administer this JPR prior to the candidate participating in the Driver/Operator Practical. The AHJ will ensure that the candidate has prerequisite knowledge, skills, and training as outlined in NFPA Standard 4.3.6 2017 Edition. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. | | | using s ping out ge. cipating ite | |
| - | UIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access epartment policies, procedures and related forms | | | | |
| COND | ONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps. | | | | |
| No. | Task Steps | | | | |
| 1. | Preform mounting and dismount procedures for riding fire apparatus | | | | |
| 2. | Demonstrate the ability to use each piece of provided safety equipment, i.e. grabrails, steps, etc. | | | | |

*Authority Having Jurisdiction will maintain any documentation to verify that these duties have been

Evaluator (Print & Sign)



Candidate:

| NFPA | TANDARD: 5.2.2FPA 1002, 2017Task: Establish and operate in work areas at emergency and nonemergency scenes, given safety equipment, traffic and scene control devices, emergency and nonemergency scenes, traffic and other hazards, an assignment, and SOPs, so that procedures are followed, safety equipment is utilized, protected work areas are established as directed using traffic and scene control devices, and the driver/operator performs assigned tasks only in established, protected work areas. | | | | |
|------|---|-------------------------|--|--|--|
| | Given the potential hazards involved in operating on emergency and nonemergency scenes including vehicle traffic, utilities, environmental conditions, proper procedures for dismounting apparatus in traffic. The candidate shall demonstrate the ability to use each piece of provided safety equipment. PERFORMANCE The Authority Having Jurisdiction will administer this JPR prior to the candidate participating in the Driver/Operator Pumper Practical. OUTCOME: Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. | | | | |
| | EQUIPMENT REQUIRED: In addition to a fire department pumper and the appropriate equipment to complete the assigned tasks the AHJ must provide the safety equipment available for members on emergency and nonemergency scenes. | | | | |
| COND | DITIONS: The | candidate will successf | ully complete 100% of all elements of the assigned task steps. | | |
| No. | Task Steps 🗸 | | | | |
| 1. | Dismount the apparatus facing inward toward the apparatus while using three points of contact and provided grabbars | | | | |
| 2. | The candidate will demonstrate the ability to use department issued safety equipment, i.e. traffic warning signs, cones, lighted battons, safety vests, appartus with warning lights, etc. | | | | |
| 3. | The candidate will deploy traffic and scene control devices as defined by department policies | | | | |
| 4. | The candidate will establish and operate in the protected work areas as directed | | | | |
| | | | | | |

*Authority Having Jurisdiction will maintain any documentation to verify that these duties have been performed.

Evaluator (Print & Sign)



Candidate:

| STANDARD: 5.2.3 | | | | |
|--|---|-----------|--|--|
| NFPA 1002, 2017 | Task: The candidate will connect a fire department pumper to a | | | |
| Operations Task. The calculate will connect a fire department pumper to water supply as an individual or a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. | | | | |
| | lemonstrate loading and off-loading procedures for mobile water supply a | * * | | |
| | ant and a suitable static water supply source. The candidate will follow al | 1 | | |
| | res and protocol for connecting to various water sources. ring Jurisdiction will administer this JPR prior to the candidate parts | lainatina | | |
| | ator Pumper Practical. | icipating | | |
| Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. EQUIPMENT REQUIRED: In addition to a fire department pumper and the appropriate equipment to complete the assigned tasks the AHJ must provide addidtional personnel (if department policy requires the use of a team) to complete this JPR. | | | | |
| CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps. | | | | |
| No. | Task Steps 🗸 | | | |
| 1. The ability to hand lay a supply hose | The ability to hand lay a supply hose | | | |
| 2. Connect and place hard suction hose | Connect and place hard suction hose for drafting operations | | | |
| 3. Deploy portable water tanks as well a from one tank to the other. | Deploy portable water tanks as well as the equipment necessary to draft from one tank and to transfer water from one tank to the other. | | | |
| 4. Make hydrant-to-pumper hose connec | Make hydrant-to-pumper hose connections for forward and reverse lays | | | |
| 5. Connect supply hose to hydrant | | | | |
| 6. Fully open and close hydrant | | | | |

*Authority Having Jurisdiction will maintain any documentation to verify that these duties have been performed.

Evaluator (Print & Sign)



Candidate:

| NFPA | DARD: 4.3.7 1002, 2017 al Requirements | | Task: Using the Pre-trip Apparatus Safety Inspection provided in the following task steps the fire apparatus driver/operator, given a fire department pumper apparatus, shall demonstrate ability to prepare the vehicle to be driven. | | |
|---|--|-------------------------|---|--|--|
| Prior to starting the fire department vehicle the candidate will perform a Pre-trip Apparatus Safety Inspection in order to prepare himself and the vehicle to safely drive and operate a through the approved cone course designated in JPR's 5, 6, 7, & 8.PERFORMANCE OUTCOME:On the day of the practical, the Proctor will choose two Task Steps from JPR #1 to be demonstrated by the candidate; one of which will be a piece of equipment from task step # 11.Safety: A safety violation is grounds for automatic failure. All proctors present shall | | eview the | | | |
| | safety violation. EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms. | | | | |
| CONE | CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps. | | | | |
| No. | Task Steps 🗸 | | ✓ | | |
| 1. | The candidate will ensure that all equipment and compartment doors are secured prior to entering the vehicle | | | | |
| 2. | Check and adjust the driver's seat | | | | |
| 3. | Check and adjust vehicle mirrors | | | | |
| 4. | Fasten seatbelt p | rior to placing the veh | icle in motion | | |

Proctor (Print & Sign)



Candidate:

| NFPA | DARD: 4.3.2, A 1002, 2017 ral Requirement | | Task: Perform the Alley Dock or Apparatus Station Parking Procedural practical driving exercise. Given a fire department pumper and a spotter perform the exercise safely without striking any obstructions. | | |
|---|---|--|---|------------------------------------|--|
| | PERFORMANCE OUTCOME:Back a vehicle from a roadway into restricted spaces on both the right and left sides of the vehicl given a fire department vehicle, a spotter, and restricted spaces 12 ft in width, requiring 90-degree right-hand and left-hand turns from the roadway, so that the vehicle is parked within the restricted areas without having to stop and/or pull forward and without striking obstructions. (Alley Dock of Apparatus Station Parking Procedural Drill)Safety: A safety violation is grounds for automatic failure. All proctors present shall rev the safety violation. | | | egree ricted ock or | |
| assign ability the apj the apj | ed tasks and acce to maneuver the paratus during an paratus does not c DITIONS: The c | ss to department polic apparatus through the y backing exercise. Th come in contact with a candidate will success | fully complete 100% of all elements of the assigned task steps. Either the | ndidates' n behind sure that | |
| No. | k or Apparatus Station Parking Drill can be used regardless of the type of apparatus being used for this test. | | | | |
| | | Alley Dock | CIRCLE ONE: Apparatus Station Parking | | |
| 1. | From the right side, back the apparatus into the restricted space without having to stop and/or pull forward. Perform this task without striking obstructions. | | | | |
| 2. | | From the left side, back the apparatus into the restricted space without having to stop and/or pull forward. Perform this task without striking obstructions. | | | |
| 3. | | | y part of the apparatus to come in contact with or cross over the course boundary markers ection of travel, i.e. bumpers, aerial device, etc. | | |



DO-PUMPER JPR: DOP-5 Option 1: Alley Dock

See attached NFPA Appendix & Figure A-4.3.2 (a) & (b) for instructions and dimensions.

A-4.3.2

The alley dock exercise can be used as practice for or in the evaluation of this requirement. This exercise measures a driver's ability to drive past a simulated dock or stall, back the apparatus into the space provided, and stop smoothly. A dock or stall can be simulated by arranging a barricade 40 ft (12.2 m) from a boundary line. These barricades should be 12 ft (3.66 m) apart, and the length should be 20 ft (6.1 m) minimum.

The driver should pass the barricades with the dock on the left and then back the apparatus, using a left turn, into the stall. The exercise should then be repeated with the dock on the right side, using a right turn.

No portion of the vehicle should extend over the boundary lines or come in contact with the boundary markers regardless of direction of travel. [See Figure A-4.3.2(a)].

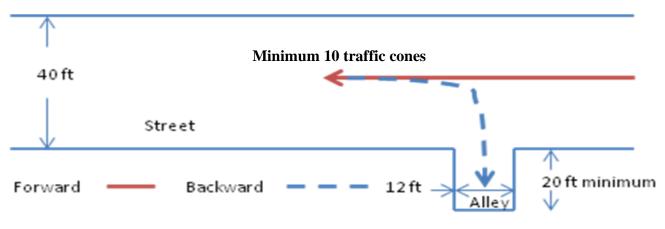


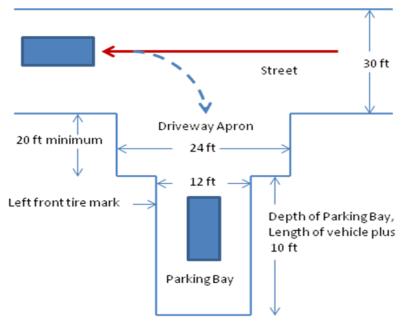
Figure A-2-3.2 (a) Alley Dock Exercise



DO-PUMPER JPR: DOP-5 Option 2: Apparatus Station Parking

See attached NFPA Appendix & Figure A-4.3.2 (a) & (b) for instructions and dimensions.

The apparatus station parking maneuver can also be used as practice for or in the evaluation of this requirement. This exercise measures the driver's ability to back the apparatus into a fire station to park or to back the apparatus down a street to reverse the direction of travel. An engine bay can be simulated by allowing for a 20-ft (6.1 m) minimum setback from a street 30 ft (9 m) wide, with a set of barricades at the end of the setback, spaced 12 ft (3.66 m) apart to simulate the garage door. (The setback from the street should be determined by the testing agency to ensure that the distances reflect those encountered by the apparatus driver during the normal course of duties.) A marker placed on the ground should indicate to the operator the proper position of the left front tire of the vehicle once stopped and parked. A straight line can be provided to assist the operator while backing the apparatus, facilitating the use of vehicle mirrors. The minimum bay depth distance is determined by the total length of the vehicle plus 10 ft. [See Figure A-4.3.2 (b)].



NOTE: This course may need to be modified for large vehicles such as ARFF and/or Aerial apparatus.

Figure A-2-3 (b) Station Parking Procedure Drill

(Minimum 14 Traffic cones) Copyright NFPA



Candidate:

| STANE | DARD: 4.3.3, A.4. | 3.3 | Task: Perform the Serpentine practical driving exercise. Given a fire | | |
|---|--|--|---|--|--|
| NFPA 1 | 1002, 2017 | | department pumper and a spotter for safety perform the exercise | | |
| Genera | l Requirements | | safely without striking any obstructions. | | |
| | FORMANCE JTCOME: | and/or changing the unection of traver and without surking the obstructions. (Serpentine | | | |
| assigned ability to the appa apparate | EQUIPMENT AND SPOTTER REQUIREMENT: A fire department pumper, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms. This exercise is designed to test the candidates' ability to maneuver the apparatus through the course without assistance from a backer. The proctor/spotter will position behind the apparatus during any backing exercise. The proctor/spotter will not direct the driver into position but is there to ensure that the apparatus does not come in contact with any objects. | | | | |
| CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps. | | | | | |
| No. | Task Steps 🗸 | | | | |
| 1. | Drive the apparatus forward on the left side of the center cones. | | | | |
| 2. | In reverse gear, back/maneuver the apparatus around obstructions without stopping and/or changing direction of travel. Perform this task without striking obstructions. | | | | |
| 3. | Maneuver the apparatus forward around obstructions without stopping and/or changing direction of travel. Perform this task without striking obstructions. | | | | |
| 4. | | | to come in contact with or cross over the course boundary markers impers, aerial device, etc. | | |

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-6 Serpentine Exercise

See attached NFPA Appendix & Figure A-4.3.3 for instructions and dimensions.

Notes:

For setting course boundaries on both sides of the markers, measure 20 feet from the center of the center marker cones for a total width of 40 feet.

Center marker cone spacing should be based on the chart below. Adjustment may be necessary due to turning radius/capability of the apparatus being used for testing. Regardless of the vehicle wheel base the minimum cone spacing can be no less than 30 feet.

This course may need to be modified for large vehicles such as ARFF and/or Aerial apparatus.

A-4.3.3 Serpentine Exercise

The serpentine exercise can be used as practice for or in the evaluation of this requirement. This exercise measures a driver's ability to steer the apparatus in close limits without stopping. The exercise should be conducted with the apparatus moving first backward, then forward. The course or path of travel for this exercise can be established by placing a minimum of three markers, each spaced between 30 ft (9 m) to 38 ft (12 m) apart, in a line. The spacing of the markers should be based on the wheel base of the vehicle used. Adequate space must be provided on each side of the markers for the apparatus to move freely. The driver should drive the apparatus along the left side of the markers in a straight line and stop just beyond the last marker. The driver then should back the apparatus between the markers by passing to the left of marker No. 1, to the right of marker No. 2, and to the left of marker No. 3, to the left of marker No. 2, and to the right of marker No. 3, to the left of marker No. 2, and to the right of marker No. 1. (*See Figure A-4.3.3.*)

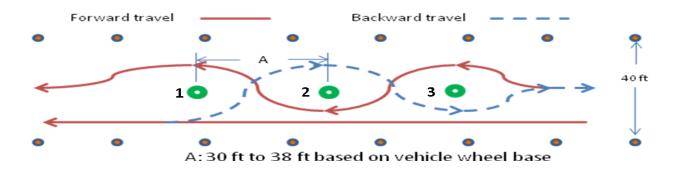


Figure A-4.3.3 Serpentine Exercise. (Minimum 9 traffic cones) Copyright NFPA

| Wheel Base | Cone Spacing |
|------------|--------------|
| 15' | 30' |
| 16' | 32' |
| 17' | 34' |
| 18' | 36' |
| 19' | 38' |



Candidate:

| STANDARD: 4.3.4, A.4.3.4 | | 3.4 | Task: Perform the Turn Around Exercise practical driving exercise. | | |
|---|---|--|---|--------------|--|
| NFPA 1002, 2017 | | | Given a fire department pumper and a spotter for safety perform the | | |
| Genera | l Requirements | | exercise safely without striking any obstructions. | | |
| | ORMANCE ITCOME: | pumper, a spotter f without stopping a obstructions within Safety: A safety v | nent vehicle 180 degrees within a confined space, given a fire department for backing, and an area in which the vehicle cannot perform a U-turn nd backing up, so that the vehicle is turned 180 degrees without striking n the given space. (Turn Around Exercise) iolation is grounds for automatic failure. All proctors present shall re | | |
| safety violation. EQUIPMENT AND SPOTTER REQUIREMENT: A fire department vehicle, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms. This exercise is designed to test the candidates' ability to maneuver the apparatus through the course without assistance from a backer. The proctor/spotter will position behind the apparatus during any backing exercise. The proctor/spotter will not direct the driver into position but is there to ensure that the apparatus does not come in contact with any objects. | | | idates' behind | | |
| COND | CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps. | | | | |
| No. | | | Task Steps | \checkmark | |
| 1. | Turn the apparatu | s 180 degrees within | a confined space, without striking obstructions. | | |
| 2. | Do not allow any part of the apparatus to come in contact with or cross over the course boundary markers regardless of direction of travel, i.e. bumpers, aerial device, etc. | | | | |

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-7 Turn Around Exercise

See attached NFPA Appendix & Figure A-4.3.4 for instructions and dimensions.

The confined space turnaround can be used as practice for or in the evaluation of this requirement. This exercise measures the driver's ability to turn the vehicle around in a confined space without striking obstacles. The turn is accomplished within an area 50 ft x 100 ft (15.25 m x 30.5 m). The driver moves into the area from a 12 ft (3.66 - m) opening in the center of one of the 50 ft (15.25 - m) legs, turns the vehicle 180 degrees, and returns through the opening. There is no limitation on the number of times the driver has to maneuver the vehicle to accomplish this exercise, but no portion of the vehicle should extend over the boundary lines of the space. (See Figure A-4.3. 4.)

NOTE: This course may need to be modified for large vehicles such as ARFF or Aerial apparatus. Adjustments cannot exceed more than 15' of the overall length of the apparatus (i.e. the course dimensions for an apparatus with a 45' overall length can adjust to $60^{\circ} \times 100^{\circ}$.

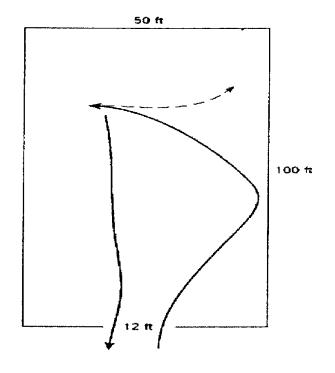


Figure A-4.3.4 Confined space turnaround.

(Minimum 12 Traffic cones) Copyright NFPA



Candidate:

| STANDARD: 4.3.5, A.4.3.5 | | .3.5 | Task: Perform the Diminishing Clearance Exercise practical driving | | |
|-----------------------------------|---|--|--|--------------|--|
| NFPA 1002, 2017 | | | exercise. Given a fire department apparatus and a spotter for safety | | |
| Genera | l Requirements | | perform the exercise safely without striking any obstructions. | | |
| | ORMANCE TCOME: | given a fire depart: in reverse through judges the ability of are struck. After of the entrance gate, I finsh line 50' beyo | fire department vehicle in areas with restricted horizontal clearances, ment vehicle and a course that requires the operator to move forward and areas of restricted horizontal clearances, so that the operator accurately of the vehicle to pass through the openings and so that no obstructions completing the course in a forward motion, candidate will reposition at back the apparatus through the diminishing clearance, and stop at the ind the last marker. (Diminishing Clearance Exercise). | eview the | |
| assigned ability t the appa | EQUIPMENT AND SPOTTER REQUIREMENT: A fire department vehicle, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms. This exercise is designed to test the candidates' ability to maneuver the apparatus through the course without assistance from a backer. The proctor/spotter will position behind the apparatus during any backing exercise. The proctor/spotter will not direct the driver into position but is there to ensure that the apparatus does not come in contact with any objects. | | | | |
| COND | CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps. | | | | |
| No. | | | Task Steps | \checkmark | |
| 1. | Maneuver the approximation obstructions. | paratus forward and i | n reverse through the diminishing clearance exercise without striking | | |
| 2. | | | s to come in contact with or cross over the course boundary markers impers, aerial device, etc. | | |

Evaluator (Print & Sign)



DO - PUMPER JPR: DOP-8 Diminishing Clearance Exercise

See attached Appendix and Figure A-4.3.5 for instructions and dimensions.

A-4.3.5 The diminishing clearance exercise can be used as practice for or in the evaluation of this requirement. This exercise measures a driver's ability to steer the apparatus in a straight line, to judge distances from wheel to object, and to stop at a finish line. The speed at which a driver should operate the apparatus is optional, but it should be great enough to necessitate quick judgment. **This exercise is to be performed in a forward motion and in reverse with cone spotters in place**. The course for this exercise is created by arranging two rows of markers to form a lane 75 ft (22.9 m) long. The lane varies in width from 9 ft 6 in. (2.9 m) to a diminishing clearance of 8 ft 2 in. (2.5 m). The driver should maneuver the apparatus through this lane without touching the markers. The vehicle should be stopped at a finish line 50 ft (15.25 m) beyond the last marker. No portion of the vehicle should protrude beyond the finish line. (See Figure A-4.3.5.)

NOTE:

Regardless of vehicle width, 8'2" is the minimum dimension to be used at the exit gate.

Not all apparatus will fit in the dimensions given below. The candidate (prior to the test date) and the proctor (prior to the start of the test) should measure from tire bulge to tire bulge of both the front and rear axle widths of the apparatus being used for testing. Use the measurement of the widest axle plus 4" to mark the narrowest portion of the course. This will allow the tires to pass with 2" clearance on each side. All other lane markers used to diminish the course will need to be adjusted accordingly. After completing the course in a forward motion, candidate will reposition at the entrance gate, back the apparatus through the diminishing clearance, and stop at the finsh line 50' beyond the last marker. The apparatus should be stopped within a reasonable distance (3'-5') from the finish line cones. The intent of the JPR is to know

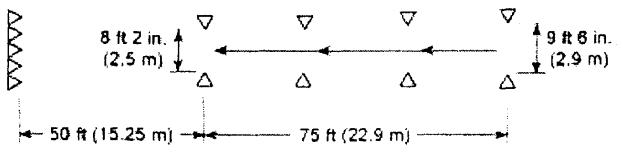


Figure A-4.3.5 Diminishing clearance exercise.

Copyright NFPA

(Minimum 10 Traffic cones)



Candidate:

| STANE | DARD: 5.2.4 | | | | |
|-----------------|--|---|--|-----------|--|
| NFPA 1002, 2017 | | | TASK: The fire apparatus driver/operator, given a fire department pumper, shall demonstrate placing the pump in service for pumping operations. | | |
| Genera | l Requirements | | | | |
| | ORMANCE TCOME: | The candidate shall s | safely and efficiently complete all in-cab, pump engagement, and safety pr | ocedures. | |
| | | Safety: A safety v safety violation. | violation is grounds for automatic failure. All proctors present shall re | eview the | |
| - | EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms. | | | | |
| COND | ITIONS: The ca | andidate will successfu | ally complete 100% of all elements of the assigned task steps. | | |
| No. | | | Task Steps | ✓ | |
| 1. | Bring the appara | atus to a full stop and a | allow the engine to slow to idle speed. | | |
| 2. | Shift the transmi | ission to neutral and se | et the brake (per manufactures instructions). | | |
| 3. | Depress the brak | ke pedal and engage th | e pump shift switch and lock. | | |
| 4. | Shift the transmi | ission into pump gear. | | | |
| 5. | Open water tank | to pump valve. | | | |
| 6. | Properly position | n wheel chocks. | | | |
| 7. | Describe manua | l pump engagement pr | rocedures. | | |

Proctor (Print & Sign)



Candidate:

| STANE | DARD: 5.2.4 | | TASK: Produce effective hand or master streams, given the sources spec | rified in | |
|--------|--|--|--|----------------|--|
| NFPA 1 | | | the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and | | |
| Genera | l Requirements | | maintained, and the apparatus is continuously monitored for potential pro | oblems. | |
| | ORMANCE TCOME: | (from internal tank) f ft. in length w effective fire stream a | river/operator, given a fire department pumper, shall demonstrate pump op for supplying a pre-connected attack line, given oneinch attack lin with a gpm fog nozzle being deployed to the <u>2nd floor</u> will produ and calculate the correct discharge pressure. | ie, lice an | |
| | EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms. | | | | |
| COND | ITIONS: The ca | ndidate will successfu | ally complete 100% of all elements of the assigned task steps. | | |
| No. | | | Task Steps | \checkmark | |
| 1. | Open the water t | ank to pump valve ful | lly | | |
| 2. | Place the transfe | r valve in volume pres | ssure. (if applicable) | | |
| 3. | Open the correct | discharge valve. | | | |
| 4. | Adjust the thrott | le to the correct discha | arge pressure within $(+ \text{ or } - 5 \text{ psi})$ (Prime, if necessary). | | |
| 5. | Set the pressure | control device to the o | operating pressure. | | |
| 6. | Monitor system | for overheating. Oper | ate auxiliary cooling systems. (if applicable) | | |

Continue to next JPR Sheet without shutting down

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-10a Candidate Work Sheet

Candidate:

| STANDARD: 5.2.4 | | TASK: Produce effective hand or master streams, given the sources specified in |
|-------------------------|---|--|
| NFPA 1002, 2017 | | the following list, so that the pump is safely engaged, all pressure control and |
| General Requirements | | vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |
| PERFORMANCE OUTCOME: | (from internal tank) ft. in length | river/operator, given a fire department pumper, shall demonstrate pump operations for supplying a pre-connected attack line, given oneinch attack line, with a gpm fog nozzle being deployed to the <u>2nd floor</u> will produce an and calculate the correct discharge pressure. |
| | Safety: A safety safety safety violation. | violation is grounds for automatic failure. All proctors present shall review the |
| | | Candidate Work Area |
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| | | Write Answer |
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Proctor (Print & Sign)



Candidate:

| STANI | DARD: 5.2.4 | , | TASK: Produce effective hand or master streams, given the sources spec | ified in |
|----------------------|--|---|---|-----------------|
| NFPA 1002, 2017 | | 1 | the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. | |
| General Requirements | | | | |
| | ORMANCE /TCOME: | (from internal tank) fo in length with a fire stream and calcul | iver/operator, given a fire department pumper, shall demonstrate pump op or supplying a pre-connected attack line, given oneinch attack line, gpm fog nozzle being deployed to the ground floor , will produce an ef late the correct discharge pressure. | ,ft. fective |
| - | EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms. | | | |
| COND | ITIONS: The ca | ndidate will successful | lly complete 100% of all elements of the assigned task steps. | |
| No. | | | Task Steps | ~ |
| 1. | Open the water t | ank to pump valve full | ly | |
| 2. | Place the transfe | r valve in volume press | sure. (if applicable) | |
| 3. | Open the correct | discharge valve. | | |
| 4. | Adjust the thrott | le to the correct discha | rge pressure within $(+ \text{ or } - 5 \text{ psi})$ (Prime, if necessary). | |
| 5. | Set the pressure | control device to the op | perating pressure. | |
| 6. | Monitor system | for overheating. Opera | ate auxiliary cooling systems. (if applicable) | |

Continue to next JPR Sheet without shutting down

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-10b Candidate Work Sheet

Candidate:

| STANDARD: 5.2.4 NFPA 1002, 2017 | | TASK: Produce effective hand or master streams, given the sources specified in |
|------------------------------------|---|---|
| General Requirements | | the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |
| PERFORMANCE OUTCOME: | (from internal tank) in length with a | river/operator, given a fire department pumper, shall demonstrate pump operations for supplying a pre-connected attack line, given oneinch attack line,ft. gpm fog nozzle being deployed to the ground floor, will produce an effective fire the correct discharge pressure. |
| | Safety: A safety v safety violation. | violation is grounds for automatic failure. All proctors present shall review the |
| | | Candidate Work Area |
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| | | Write Answer |
| | | PDP= |
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Proctor (Print & Sign)



Candidate:

| STANI | DARD: 5.2.4 | | TASK: Produce effective hand or master streams, given the sources spec | cified in |
|-----------------|--|---|--|--------------|
| NFPA 1002, 2017 | | | the following list, so that the pump is safely engaged, all pressure control and | |
| | | | vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential pro | |
| | FORMANCE JTCOME: | (from internal tank) f ft. in length wi effective fire stream a Safety: A safety v | river/operator, given a fire department pumper, shall demonstrate pump op for supplying a pre-connected attack line, given oneinch attack line ith a gpm fog nozzle being deployed to the <u>3rd floor</u> will produce and calculate the correct discharge pressure. | e, an |
| | | safety violation. | | |
| | EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms. | | | |
| COND | ITIONS: The ca | andidate will successfu | ally complete 100% of all elements of the assigned task steps. | |
| No. | | | Task Steps | \checkmark |
| 1. | Open the water | tank to pump valve ful | lly | |
| 2. | Place the transfe | er valve in volume pres | ssure. (if applicable) | |
| 3. | Open the correct | t discharge valve. | | |
| 4. | Adjust the thrott | te to the correct discha | arge pressure within (+ or -5 psi) (Prime, if necessary). | |
| 5. | Set the pressure | control device to the o | operating pressure. | |
| 6. | Monitor system | for overheating. Oper | rate auxiliary cooling systems. (if applicable) | |

Continue to next JPR Sheet without shutting down

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-10c Candidate Work Sheet

Candidate:

| STANDARD: 5.2.4 NFPA 1002, 2017 General Requirements | | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |
|--|---|---|
| PERFORMANCE OUTCOME: | (from internal tank) ft. in length w | river/operator, given a fire department pumper, shall demonstrate pump operations for supplying a pre-connected attack line, given oneinch attack line, ith a gpm fog nozzle being deployed to the <u>3rd floor</u> will produce an and calculate the correct discharge pressure. |
| | Safety: A safety v safety violation. | violation is grounds for automatic failure. All proctors present shall review the |
| | | Candidate Work Area |
| | | Write Answer PDP= |

Proctor (Print & Sign)



Candidate:

| STANI | DARD: 5.2.4 | | TASK: Produce effective hand or master streams, given the sources spec | cified in |
|--------|--|--|---|--------------|
| NFPA | | | the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and | |
| Genera | al Requirements | | maintained, and the apparatus is continuously monitored for potential pro | |
| | FORMANCE JTCOME: | (from internal tank) t in length and deploy | river/operator, given a fire department pumper, shall demonstrate pump op for supplying a pre-connected attack line, given oneinch attack line edft. <u>downhill</u> , with a gpm fog nozzle will produce an effec the correct discharge pressure. | e,ft. |
| | | Safety: A safety v safety violation. | violation is grounds for automatic failure. All proctors present shall r | eview the |
| - | EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms. | | | |
| COND | ITIONS: The ca | ndidate will successfu | ally complete 100% of all elements of the assigned task steps. | |
| No. | | | Task Steps | \checkmark |
| 1. | Open the water | ank to pump valve ful | lly | |
| 2. | Place the transfe | r valve in volume pres | ssure. (if applicable) | |
| 3. | Open the correct | t discharge valve. | | |
| 4. | Adjust the thrott | le to the correct discha | arge pressure within (+ or – 5 psi) (Prime, if necessary). | |
| 5. | Set the pressure | control device to the c | operating pressure. | |
| 6. | Monitor system | for overheating. Oper | rate auxiliary cooling systems. (if applicable) | |

Continue to next JPR Sheet without shutting down

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-10d Candidate Work Sheet

Candidate:

| STANDARD: 5.2.4 NFPA 1002, 2017 | | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and |
|------------------------------------|--|--|
| General Requirements | | vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |
| PERFORMANCE OUTCOME: | (from internal tank) in length and deploy | river/operator, given a fire department pumper, shall demonstrate pump operations for supplying a pre-connected attack line, given oneinch attack line,ft. redft. downhill, with a gpm fog nozzle will produce an effective fire the correct discharge pressure. |
| | Safety: A safety violation. | violation is grounds for automatic failure. All proctors present shall review the |
| | | Candidate Work Area |
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| | | Write Answer |
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Proctor (Print & Sign)



Candidate:

| | DARD: 5.2.4 1002, 2017 | | TASK: Produce effective hand or master streams, given the sources spectthe following list, so that the pump is safely engaged, all pressure control vehicle safety devices are set, the rated flow of the nozzle is achieved and | and |
|--------|---------------------------|---|--|--------------|
| Genera | al Requirements | | maintained, and the apparatus is continuously monitored for potential pro | |
| | FORMANCE JTCOME: | (from internal tank) f in length and deploye | iver/operator, given a fire department pumper, shall demonstrate pump op for supplying a pre-connected attack line, given oneinch attack line edft. uphill with a gpm fog nozzle will produce an effective the correct discharge pressure. | ,ft. |
| | | Safety: A safety v safety violation. | iolation is grounds for automatic failure. All proctors present shall re | eview the |
| - | - | RED: A fire department edures and related for | ent pumper, the appropriate equipment to complete the assigned tasks and ms. | access to |
| COND | ITIONS: The ca | ndidate will successfu | ally complete 100% of all elements of the assigned task steps. | |
| No. | | | Task Steps | \checkmark |
| 1. | Open the water t | ank to pump valve ful | ly | |
| 2. | Place the transfe | r valve in volume pres | ssure. (if applicable) | |
| 3. | Open the correct | discharge valve. | | |
| 4. | Adjust the thrott | le to the correct discha | arge pressure within $(+ \text{ or } -5 \text{ psi})$ (Prime, if necessary). | |
| 5. | Set the pressure | control device to the o | perating pressure. | |
| 6. | Monitor system | for overheating. Oper | ate auxiliary cooling systems. (if applicable) | |

Continue to next JPR Sheet without shutting down

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-10e Candidate Work Sheet

Candidate:

| STANDARD: 5.2.4 NFPA 1002, 2017 General Requirements | | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |
|--|--|---|
| PERFORMANCE OUTCOME: | (from internal tank) in length and deploy | river/operator, given a fire department pumper, shall demonstrate pump operations for supplying a pre-connected attack line, given oneinch attack line,ft. edft. uphill with a gpm fog nozzle will produce an effective fire the correct discharge pressure. |
| | Safety: A safety v safety violation. | violation is grounds for automatic failure. All proctors present shall review the |
| | | Candidate Work Area |
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| | | Write Answer |
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Proctor (Print & Sign)



Candidate:

| STANI | DARD: 5.2.4 | | TASK: Produce effective hand or master streams, given the sources specified in | | |
|--|--|---|---|-----------------|--|
| NFPA | PA 1002, 2017 | | the following list, so that the pump is safely engaged, all pressure control and | | |
| General Requirements | | | vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problem | | |
| | FORMANCE UTCOME: | (from internal tank) f in length with a and calculate the cor | iver/operator, given a fire department pumper, shall demonstrate pump op for supplying a pre-connected attack line, given oneinch attack line gpm fog nozzle deployed to the <u>1st floor</u> will produce an effective fire rect discharge pressure. | e,ft. stream | |
| | EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms. | | | access to | |
| CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps. | | | | | |
| No. | Task Steps 🗸 | | | \checkmark | |
| 1. | Open the water tank to pump valve fully | | | | |
| 2. | Place the transfer valve in volume pressure. (if applicable) | | | | |
| 3. | Open the correct discharge valve. | | | | |
| 4. | Adjust the throttle to the correct discharge pressure within $(+ \text{ or } -5 \text{ psi})$ (Prime, if necessary). | | | | |
| 5. | Set the pressure control device to the operating pressure. | | | | |
| 6. | Monitor system for overheating. Operate auxiliary cooling systems. (if applicable) | | | | |

Continue to next JPR Sheet without shutting down

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-10f Candidate Work Sheet

Candidate:

| STANDARD: 5.2.4 NFPA 1002, 2017 General Requirements | | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |
|--|---|---|
| PERFORMANCE OUTCOME: | (from internal tank) in length with a | river/operator, given a fire department pumper, shall demonstrate pump operations for supplying a pre-connected attack line, given oneinch attack line,ftgpm fog nozzle deployed to the <u>1st floor</u> will produce an effective fire stream rect discharge pressure. |
| | Safety: A safety v safety violation. | violation is grounds for automatic failure. All proctors present shall review the |
| | | Candidate Work Area |
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| | | Write Answer |
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Proctor (Print & Sign)



Candidate:

| STANE | ANDARD: 5.2.4 and 5.2.5 | | TASK: Produce effective hand or master streams, given the sources specified i | | |
|--|--|--|---|--------------|--|
| NFPA 1002, 2017 | | | the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and | | |
| General Requirements | | | maintained, and the apparatus is continuously monitored for potential pr | | |
| 7 PERFORMANCE OUTCOME: | | The Driver/Operator will perform a transfer from internal tank to external source (Hydrant). | | | |
| | | Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. | | | |
| - | EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms. | | | | |
| CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps. | | | | | |
| No. | Task Steps 🗸 | | | \checkmark | |
| 1. | Signal to have hydrant opened (proctor will have someone at hydrant to open it). | | | | |
| 2. | Maintain constant discharge pressure (+ or - 30 psi)** | | | | |
| 3. | Reset pressure control device. | | | | |
| 4. | Fill apparatus booster tank. | | | | |
| 5. | Close tank to pump. | | | | |

Continue to next JPR Sheet without shutting down

******Note: If apparatus has an electronic throttle control, task step # 2 is not applicable.

Proctor (Print & Sign)



| | Candidate | : | | |
|---|--|--|---|--|
| STANDARD: 5.2.4 NFPA 1002, 2017 General Requirements | | the following list, so that the pump is safely engaged, all pressure controvehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential pro- | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. | |
| for supplying multipl for supplying multipl Driver/Operator is of Hoseline number 2 The driver operator g bore nozzle, +/ pump discharge press Proctor must determ Safety: A safety v | | The fire apparatus driver/operator; given a fire department pumper, shall demonstrate pump of for supplying multiple hose lines. Driver/Operator is operating off a pressurized water source with attack line flowing. Hoseline number 2 The driver operator given (1) one inch hoseline, ft in length, an inch bore nozzle, +/ number floors, must show an effective fire stream and calculate the corpump discharge pressure. Proctor must determine gain/loss prior to administering the exam. Safety: A safety violation is grounds for automatic failure. All proctors present shall a the safety violation. IRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and tasks a | <pre>le hose lines. operating off a pressurized water source with attack line flowing. given (1) one inch hoseline, ft in length, an inch smooth number floors, must show an effective fire stream and calculate the correct ssure. mine gain/loss prior to administering the exam. violation is grounds for automatic failure. All proctors present shall review on.</pre> | |
| to dep | partment policies, | candidate will successfully complete 100% of all elements of the assigned task steps. | | |
| No. | | | | |
| 1. | Identify static p | fy static pressure psi. | | |
| 2. | Place transfer v | ace transfer valve in (if equipped). | | |
| | | alve in (if equipped). | | |
| 3. | | ralve in (if equipped). ct pump discharge pressure (hoseline number one) (within + or - 5 psi). | | |
| 3. 4. | Maintain correc | | | |
| | Maintain correct | ct pump discharge pressure (hoseline number one) (within + or -5 psi). to correct pump discharge pressure (hoseline number two) (within + or -5 | | |
| 4. | Maintain correct Adjust throttle t psi). Set pressure con | ct pump discharge pressure (hoseline number one) (within + or -5 psi). to correct pump discharge pressure (hoseline number two) (within + or -5 | | |
| 4. 5. | Maintain correct Adjust throttle t psi). Set pressure con Identify residua | t pump discharge pressure (hoseline number one) (within + or -5 psi). to correct pump discharge pressure (hoseline number two) (within + or -5 ntrol device. | | |
| 4. 5. 6. | Maintain correct Adjust throttle t psi). Set pressure con Identify residua Monitor system | ct pump discharge pressure (hoseline number one) (within + or – 5 psi). to correct pump discharge pressure (hoseline number two) (within + or – 5 number of two) (wi | | |
| 4. 5. 6. 7. | Maintain correct Adjust throttle r psi). Set pressure con Identify residual Monitor system Identify the number of the system | <pre>ct pump discharge pressure (hoseline number one) (within + or – 5 psi). to correct pump discharge pressure (hoseline number two) (within + or – 5 ntrol device. d pressure psi. m for overheating. Operate auxiliary cooling systems (if applicable)</pre> | | |
| 4. 5. 6. 7. 8. | Maintain correct Adjust throttle r psi). Set pressure con Identify residual Monitor system Identify the number of the system | <pre>ct pump discharge pressure (hoseline number one) (within + or - 5 psi). to correct pump discharge pressure (hoseline number two) (within + or - 5 ntrol device. dl pressure psi. m for overheating. Operate auxiliary cooling systems (if applicable) umber of equal lines or additional gpm that can be added ble problems that may occur if residual pressure drops below 20 psi.</pre> | | |

Proctor will state to the Candidate the Task Steps in bold type.

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-12a Candidate Work Sheet

Candidate:

| STANDARD: 5.2.4 | | | | |
|-------------------------|---|--|--|--|
| NFPA 1002, 2017 | | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and | | |
| General Requirements | | vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. | | |
| | The fire apparatus dr for supplying multip | river/operator; given a fire department pumper, shall demonstrate pump operations le hose lines. | | |
| | Driver/Operator is | operating off a pressurized water source with attack line flowing. | | |
| PERFORMANCE OUTCOME: | | given (1) one inch hoseline, ft in length, an inch smooth number floors, must show an effective fire stream and calculate the correct sure. | | |
| | Proctor must determine gain/loss prior to administering the exam. | | | |
| | | | | |
| | Safety: A safety v safety violation. | violation is grounds for automatic failure. All proctors present shall review the | | |
| | | Candidate Work Area | | |
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| | | Write Answer | | |
| | | PDP= | | |
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Proctor (Print & Sign)



Candidate: STANDARD: 5.2.4 TASK: Produce effective hand or master streams, given the sources specified in NFPA 1002, 2017 the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. **General Requirements** The fire apparatus driver/operator; given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines. Driver/Operator is operating off a pressurized water source with attack line flowing. Hoseline number 2 The driver operator given (1) one _____ ____ inch hoseline, _____ ft in length , an ____ ____ inch smooth PERFORMANCE bore nozzle with _____ ft elevation gain/loss; must show an effective fire stream and calculate the **OUTCOME:** correct pump discharge pressure. Proctor must determine gain/loss prior to administering the exam. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms. CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps. \checkmark No. Task Steps 1. Identify static pressure _ psi. 2. Place transfer valve in (if equipped). Maintain correct pump discharge pressure (hoseline number one) _____ (within + or - 5 psi). 3. Adjust throttle to correct pump discharge pressure (hoseline number two) (within + or -4. 5 psi). Set pressure control device. 5. 6. Identify residual pressure_ psi. 7. Monitor system for overheating. Operate auxiliary cooling systems (if applicable) 8. Identify the number of equal lines or additional gpm that can be added _ 9. Identify possible problems that may occur if residual pressure drops below 20 psi. 10. Identify action to be taken. 11. Demonstrate shut down procedures.

Proctor will state to the Candidate the Task Steps in bold type.



DO-PUMPER JPR: DOP-12b Candidate Work Sheet

Candidate:

| STANDARD: 5.2.4 NFPA 1002, 2017 | | TASK: Produce effective hand or master streams, given the sources specified in | |
|------------------------------------|--|---|--|
| General Requirements | | the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. | |
| | The fire apparatus dr for supplying multip | river/operator; given a fire department pumper, shall demonstrate pump operations le hose lines. | |
| | Driver/Operator is operating off a pressurized water source with attack line flowing. | | |
| PERFORMANCE OUTCOME: | Hoseline number 2 The driver operator given (1) one inch hoseline, ft in length , an inch smooth bore nozzle with ft elevation gain/loss; must show an effective fire stream and calculate the correct pump discharge pressure. | | |
| | Proctor must determine gain/loss prior to administering the exam. | | |
| | safety violation. | violation is grounds for automatic failure. All proctors present shall review the | |
| | | Candidate Work Area | |
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| | | Write Answer | |
| | | WITE Allswei | |
| | | PDP= | |
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Proctor (Print & Sign)



DO-PUMPER JPR: DOP-12c

Candidate: STANDARD: 5.2.4 TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and NFPA 1002, 2017 vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. **General Requirements** The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines. Driver Operator is operating off a pressurized water source with attack line flowing. Hoseline number 2 The driver operator given (1) one _____ inch hoseline _____ft in length with a ____ PERFORMANCE ___ gpm fog nozzle and ______ ft elevation gain/loss will produce and effective fire stream and calculate the correct **OUTCOME:** pump discharge pressure. Proctor must determine gain/loss prior to administering the exam. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms. CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps. \checkmark No. Task Steps 1. Identify static pressure ____ ___ psi. Place transfer valve in _____ ___ (if equipped). 2. Maintain correct pump discharge pressure (hoseline number one) (within + or - 5 psi). 3. Adjust throttle to correct pump discharge pressure (hoseline number two) (within + or -54. psi). Set pressure control device. 5. 6. Identify residual pressure_ psi. 7. Monitor system for overheating. Operate auxiliary cooling systems (if applicable) 8. Identify the number of equal lines or additional gpm that can be added _ 9. Identify possible problems that may occur if residual pressure drops below 20 psi. 10. Identify action to be taken. 11. Demonstrate shut down procedures.



DO-PUMPER JPR: DOP-12c Candidate Work Sheet

Candidate:

| STANDARD: 5.2.4 NFPA 1002, 2017 | | TASK: Produce effective hand or master streams, given the sources specified in |
|------------------------------------|---|---|
| General Requirements | | the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |
| | The fire apparatus dr for supplying multip | river/operator, given a fire department pumper, shall demonstrate pump operations le hose lines. |
| | Driver Operator is | operating off a pressurized water source with attack line flowing. |
| PERFORMANCE OUTCOME: | | given (1) one inch hoselineft in length with a gpm fog it elevation gain/loss will produce and effective fire stream and calculate the correct ssure. |
| | Proctor must deter | mine gain/loss prior to administering the exam. |
| | safety violation. | violation is grounds for automatic failure. All proctors present shall review the |
| | | Candidate Work Area |
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| | | Write Answer |
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| | | PDP= |
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Proctor (Print & Sign)



DO-PUMPER JPR: DOP-12d

| | Candidate: | | | |
|--------|----------------------------|--|---|--------------------|
| STANI | DARD: 5.2.4 | | | |
| | 1002, 2017 | th | CASK: Produce effective hand or master streams, given the sources spene following list, so that the pump is safely engaged, all pressure control ehicle safety devices are set, the rated flow of the nozzle is achieved and | l and |
| Genera | al Requirements | | naintained, and the apparatus is continuously monitored for potential pro- | |
| | | The fire apparatus driv operations for supplyir | ver/operator, given a fire department pumper, shall demonstrate pump ng multiple hose lines. | |
| | | Driver/Operator is op | perating off a pressurized water source with attack line flowing. | |
| | FORMANCE JTCOME: | two inch hosel effective fire stream an | ven (1) one inch hoseline ft in length with a gated wye lines; each ft in length with a gpm fog nozzle will prod nd calculate the correct pump discharge pressure. ine gain/loss prior to administering the exam. | and (2) luce an |
| | | Safety: A safety vio the safety violation | olation is grounds for automatic failure. All proctors present shall 1 1. | review |
| - | - | RED: A fire department or coedures and related for the formation of the | nt pumper, the appropriate equipment to complete the assigned tasks an forms. | nd access |
| COND | ITIONS: The ca | ndidate will successfull | lly complete 100% of all elements of the assigned task steps. | |
| No. | | | Task Steps | ✓ |
| 1. | Identify static pr | essure psi. | | |
| 2. | Place transfer va | lve in (if e | equipped). | |
| 3. | Maintain correct | pump discharge pressu | ure (hoseline number one) (within $+$ or -5 psi). | |
| 4. | Adjust throttle to 5 psi). | o correct pump discharg | ge pressure (hoseline number two) (within + or – | |
| 5. | Set pressure con | trol device. | | |
| 6. | Identify residual | pressure | psi. | |
| 7. | | | erate auxiliary cooling systems (if applicable) | |
| 8. | Identify the nu | nber of equal lines or | additional gpm that can be added | |
| 9. | Identify possibl | e problems that may o | occur if residual pressure drops below 20 psi. | |
| 10. | Identify action | to be taken. | | |
| 11. | Demonstrate sh | ut down procedures. | | |

Proctor will state to the Candidate the Task Steps in bold type.

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-12d Candidate Work Sheet

Candidate:

| STANDARD: 5.2.4 NFPA 1002, 2017 | | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and |
|------------------------------------|---------------------------------------|--|
| General Requirements | | vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |
| | for supplying multip | river/operator, given a fire department pumper, shall demonstrate pump operations le hose lines. operating off a pressurized water source with attack line flowing. |
| PERFORMANCE OUTCOME: | two inch hos effective fire stream | given (1) one inch hoseline ft in length with a gated wye and (2) selines; each ft in length with a gpm fog nozzle will produce an and calculate the correct pump discharge pressure. mine gain/loss prior to administering the exam. |
| | safety violation. | violation is grounds for automatic failure. All proctors present shall review the |
| | | Candidate Work Area |
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| | | |
| | | Write Answer |
| | | PDP= |

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-12e

Candidate:

| i | | | | |
|-------|----------------------------|--|--|-----------|
| STAN | DARD: 5.2.4 | | | |
| NFPA | 1002, 2017 | the following list, so that the pump | master streams, given the sources spectrates and the sources are presented in the source spectra stream of the source stream of the source is achieved and the source stream of t | ol and |
| Gener | al Requirement | | ontinuously monitored for potential pr | |
| | | The fire apparatus driver/operator, given a fire departm operations for supplying multiple hose lines. | ent pumper, shall demonstrate pump | |
| | | Driver/Operator is operating off a pressurized wate | er source with attack line flowing. | |
| | FORMANCE UTCOME: | Hoseline number 2 The driver/operator given (1) one inch hoseline master stream appliance with an inch smooth hydrant as a water supply, must show an effective fire s discharge pressure. | bore nozzle; ft gain/loss in ele | |
| | | Proctor must determine gain/loss prior to administe | ring the exam. | |
| | | Safety: A safety violation is grounds for automati the safety violation. | c failure. All proctors present shall | review |
| - | - | RED: A fire department pumper, the appropriate equip procedures and related forms. | ment to complete the assigned tasks ar | nd access |
| CONE | DITIONS: The c | undidate will successfully complete 100% of all element | s of the assigned task steps. | |
| No. | | Task Steps | | ✓ |
| 1. | Identify static p | essure psi. | | |
| 2. | Place transfer v | lve in (if equipped). | | |
| 3. | Maintain correc | t pump discharge pressure (hoseline number one) | (within + or – 5 psi). | |
| 4. | Adjust throttle 5 psi). | o correct pump discharge pressure (hoseline number two |) (within + or – | |
| 5. | Set pressure con | trol device. | | |
| 6. | Identify residua | pressure psi. | | |
| 7. | Identify the nu | mber of equal lines or additional gpm that can be add | ded | |
| 8. | Identify possib | e problems that may occur if residual pressure drop | s below 20 psi. | |
| 9. | Identify action | to be taken. | | |
| 10. | Demonstrate s | ut down procedures. | | |



DO-PUMPER JPR: DOP-12e Candidate Work Sheet

Candidate:

| ources specified in |
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| are control and hieved and |
| otential problems. |
| e pump operations |
| owing. |
| d to a remote master levation; a hydrant discharge pressure. |
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| ent shall review the |
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Proctor (Print & Sign)



DO-PUMPER JPR: DOP-12f

Candidate: STANDARD: 5.2.4 TASK: Produce effective hand or master streams, given the sources specified in NFPA 1002, 2017 the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. **General Requirements** The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines. Driver/Operator is operating off a pressurized water source with attack line flowing. Hoseline number 2 The driver/operator given (2) two ____ ____ inch hoselines ____ ____ft. in length, attached to a remote PERFORMANCE **OUTCOME:** master stream appliance with a fog nozzle at _____ gpm, hydrant as a water supply, _____ft. gain/loss in elevation, must show an effective fire stream and calculate the correct pump discharge pressure. Proctor must determine gain/loss prior to administering the exam. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms. CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps. \checkmark Task Steps No. 1. Identify static pressure _ psi. 2. Place transfer valve in (if equipped). (within + or - 5 psi). 3. Maintain correct pump discharge pressure (hoseline number one) Adjust throttle to correct pump discharge pressure (hoseline number two) (within + or -4. 5 psi). 5. Set pressure control device. 6. Identify residual pressure_ _ psi. 7. Monitor system for overheating. Operate auxiliary cooling systems (if applicable) 8. Identify the number of equal lines or additional gpm that can be added _ 9. Identify possible problems that may occur if residual pressure drops below 20 psi. 10. Identify action to be taken. 11. Demonstrate shut down procedures.



DO-PUMPER JPR: DOP-12f Candidate Work Sheet

Candidate:

| STANDARD: 5.2.4 | | TASK: Produce effective hand or master streams, given the sources specified in |
|---|---|---|
| NFPA 1002, 2017 General Requirements | | the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |
| | The fire apparatus dr for supplying multip | river/operator, given a fire department pumper, shall demonstrate pump operations le hose lines. |
| | Driver/Operator is | operating off a pressurized water source with attack line flowing. |
| PERFORMANCE OUTCOME: | master stream applia gain/loss in elevation pressure. | given (2) two inch hoselinesft. in length, attached to a remote nce with a fog nozzle at gpm, hydrant as a water supply,ft. n, must show an effective fire stream and calculate the correct pump discharge mine gain/loss prior to administering the exam. |
| | safety violation. | violation is grounds for automatic failure. All proctors present shall review the |
| | | Candidate Work Area |
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| | | Write Answer |
| | | PDP= |
| | | |

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-13a

Candidate:

| STANE | DARD: 5.2.7 | TASK: Supply water to fire sprinkler and standpipe systems, given spec | ific |
|--------|--------------------|---|--------------|
| NFPA 1 | 1002, 2017 | information and a fire department pumper, so that water is supplied to the at the proper volume and pressure. | |
| Genera | l Requirements | at the proper volume and pressure. | |
| | ORMANCE TCOME: | The driver/operator given (2) two inch hoselines,ft. in length, attached to the H Department Connection, operating at the floor, withft. ofinch attack li gpm /inch fog/ smooth bore nozzle. Supplied from a pressurized water source, must select fire stream and calculate the correct pump discharge pressure. Proctor must select fire sprinkler or stand pipe system | ne, and a |
| | | Safety: A safety violation is grounds for automatic failure. All proctors present shall resafety violation. | eview the |
| | | RED: A fire department pumper, the appropriate equipment to complete the assigned tasks and edures and related forms. | access to |
| COND | ITIONS: The ca | indidate will successfully complete 100% of all elements of the assigned task steps. | |
| No. | | Task Steps | \checkmark |
| 1. | Identify static pr | essure psi. | |
| 2. | Place transfer va | lve in (if equipped). | |
| 3. | Adjust throttle to | o correct pump discharge pressure for attack line (within + or -5 psi). | |
| 4. | Set pressure con | trol device. | |
| 5. | Demonstrate sh | ut down procedures. | |
| 6. | Monitor system | for overheating. Operate auxiliary cooling systems (if applicable) | |

Proctor will state to the Candidate the Task Steps in bold type.

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-13a Candidate Work Sheet

Candidate:

| STANDARD: 5.2.7 | | |
|-------------------------|--------------------|--|
| NFPA 1002, 2017 | | TASK: Supply water to fire sprinkler and standpipe systems, given specific |
| General Requirements | | information and a fire department pumper, so that water is supplied to the system at the proper volume and pressure. |
| PERFORMANCE OUTCOME: | Department Connect | given (2) two inch hoselines,ft. in length, attached to the Fire ion, operating at the floor, withft. ofinch attack line, and a og/ smooth bore nozzle. Supplied from a pressurized water source, must show an and calculate the correct pump discharge pressure. fire sprinkler or stand pipe system |
| | safety violation. | violation is grounds for automatic failure. All proctors present shall review the |
| | | |
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| | | |
| | | |
| | | Write Answer |
| | | PDP= |

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-13b

Candidate:

| STANI | DARD: 5.2.6 | | TASK: Produce a foam fire stream, given foam-producing equipment, so | o that |
|--|---|---|---|-----------------------|
| NFPA 1 | 1002, 2017 | | properly proportioned foam is provided. | Julai |
| Genera | al Requirements | | | |
| | FORMANCE JTCOME: | ability to operate foa effective fire stream Safety: A safety v | river/operator, given foam and foam producing equipment, shall demonstra am-proportioning equipment, connect foam stream equipment and produce supplied with foam. violation is grounds for automatic failure. All proctors present shall re | an |
| | | safety violation. | | |
| - | - | RED: A fire department of the department of th | ent pumper, the appropriate equipment to complete the assigned tasks and rms. | access to |
| COND | ITIONS: The ca | andidate will successfu | ully complete 100% of all elements of the assigned task steps. | |
| No | | | | |
| No. | | _ | Task Steps | ✓ |
| No. 1. | Identify type of | f foam producing eq | Task Steps uipment being utilized. | ✓ |
| | | f foam producing eq | uipment being utilized. | ✓ |
| 1. | Prepare foam-pr | roducing equipment for | uipment being utilized. | ✓ |
| 1. 2. | Prepare foam-pr Adjust throttle t Identify correc | roducing equipment fo | uipment being utilized. | |
| 1. 2. 3. | Prepare foam-pr Adjust throttle t Identify correc Example: What | roducing equipment fo | uipment being utilized. or operation. arge pressure for foam-producing equipment being utilized. as for a specific type of fire, to be determined by the proctor. as B foam should be used on a polar solvent-fueled fire. | |
| 1. 2. 3. 4. | Prepare foam-pr Adjust throttle t Identify correc Example: What Produce an effect | roducing equipment fo to correct pump discha et foam concentration at percentage of class | uipment being utilized. or operation. arge pressure for foam-producing equipment being utilized. as for a specific type of fire, to be determined by the proctor. as for a specific type of fire, to be determined by the proctor. as for a should be used on a polar solvent-fueled fire. re stream. | |
| 1. 2. 3. 4. 5. | Prepare foam-pr Adjust throttle t Identify correc Example: What Produce an effect Identify limitat | roducing equipment for to correct pump dischant et foam concentration at percentage of class ctive foam supplied fin | uipment being utilized. or operation. arge pressure for foam-producing equipment being utilized. as for a specific type of fire, to be determined by the proctor. as for a specific type of fire, to be determined by the proctor. as for a specific type of fire, to be determined by the proctor. as for a specific type of fire, to be determined by the proctor. as for a specific type of fire, to be determined by the proctor. as for a specific type of fire, to be determined by the proctor. as for a specific type of fire, to be determined by the proctor. as for a specific type of fire, to be determined by the proctor. as for a specific type of fire, to be determined by the proctor. as for a specific type of fire, to be determined by the proctor. as for a specific type of fire, to be determined by the proctor. as for a specific type of fire, to be determined by the proctor. be determined by the proctor. <tr< td=""><td></td></tr<> | |

Proctor will state to the Candidate the Task Steps in bold type.

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-13b Candidate Work Sheet

Candidate:

| STANDARD: 5.2.6 | | | |
|-------------------------|-------------------|--------------------------------|--|
| NFPA 1002, 2017 | | | stream, given foam-producing equipment, so |
| General Requirements | | that properly proportioned b | foam is provided. |
| PERFORMANCE OUTCOME: | | am-proportioning equipment, co | foam producing equipment, shall demonstrate the onnect foam stream equipment and produce an |
| | safety violation. | | natic failure. All proctors present shall review the |
| | | Candidate Work A | ea |
| | | | |
| | | | Write Answer |
| | | | |
| | | | PDP= |

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-14a

Candidate:

| STAN | DARD: 5.2.5 | | TASK: Pump a supply line of 2 ¹ / ₂ in. or larger, given a relay pumping | evolution |
|--|--|---|---|----------------------------------|
| NFPA | 1002, 2017 | | the length and size of the line and the desired flow and intake pressure, | |
| Comor | al Doguinom out | - | proper pressure and flow are provided to the next pumper in the relay. | |
| Genera | al Requirement | 8 | | |
| | FORMANCE JTCOME: | line, connected to a ft. in length t gpm must ca Proctor must deter | c, given a static water source with 10ft. section(s) of hard suction/ fire department pumper, relay water using (1) one inch supply lin to a fire department attack pumper withft. elevation gain/loss flow alculate and pump the correct pump discharge pressure. <u>mine gain/loss prior to administering the exam</u> violation is grounds for automatic failure. All proctors present shall on. | e wing |
| - | - | IRED: A fire departn procedures and related | nent pumper, the appropriate equipment to complete the assigned tasks and forms. | nd access |
| COND | OITIONS: The | candidate will successf | fully complete 100% of all elements of the assigned task steps. | |
| | | | | |
| No. | | | Task Steps | ✓ |
| No. 1. | Identify the so | urce and attack pum | _ | ✓ |
| | - | urce and attack pum inimum water level o | per. | ✓ ✓ |
| 1. | Identify the m | | aper. of the static source. | ✓ ✓ |
| 1. 2. | Identify the m Identify the m | inimum water level o aximum lift at the tes | aper. of the static source. | ✓ |
| 1. 2. 3. | Identify the m Identify the m | inimum water level o aximum lift at the tes aximum priming tim | aper. of the static source. st site. | |
| 1. 2. 3. 4. | Identify the m Identify the m Identify the m Prime the pump | inimum water level o aximum lift at the tes aximum priming tim | aper. of the static source. st site. | |
| 1. 2. 3. 4. 5. | Identify the m Identify the m Identify the m Prime the pump Identify problem | inimum water level o aximum lift at the tes aximum priming tim | ailure to prime the pump. | |
| 1. 2. 3. 4. 5. 6. | Identify the m Identify the m Identify the m Prime the pump Identify problem | inimum water level of aximum lift at the test aximum priming time b. ms associated with a fa | ailure to prime the pump. | |
| 1. 2. 3. 4. 5. 6. 7. | Identify the m Identify the m Identify the m Prime the pump Identify problem Communication Open the correct | inimum water level of aximum lift at the test aximum priming time o. ms associated with a far as established with atta | ailure to prime the pump. ack pumper. | |
| 1. 2. 3. 4. 5. 6. 7. 8. | Identify the m Identify the m Identify the m Prime the pump Identify problem Communication Open the correct | inimum water level of aximum lift at the test aximum priming time o. ms associated with a far as established with atta et discharge valve. ttle to the correct disch | ailure to prime the pump. ack pumper. | |
| 1. 2. 3. 4. 5. 6. 7. 8. 9. | Identify the m Identify the m Identify the m Prime the pump Identify problem Communication Open the correct Adjust the thro Set pressure co | inimum water level of aximum lift at the test aximum priming time of ms associated with a far ans established with atta et discharge valve. ttle to the correct disch ntrol device. | ailure to prime the pump. ack pumper. | |
| 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. | Identify the m Identify the m Identify the m Prime the pump Identify problem Communication Open the correct Adjust the thro Set pressure co Maintain pump | inimum water level of aximum lift at the test aximum priming time of ms associated with a far ans established with atta et discharge valve. ttle to the correct disch ntrol device. | aper. of the static source. st site. ae of the source pumper. ailure to prime the pump. ack pumper. harge pressure within (+ or - 5 psi). harge pressure from attack pumper. | |



DO-PUMPER JPR: DOP-14a Candidate Work Sheet

Candidate: STANDARD: 5.2.5 TASK: Pump a supply line of 2 ¹/₂ in. or larger, given a relay pumping NFPA 1002, 2017 evolution the length and size of the line and the desired flow and intake pressure, so that the proper pressure and flow are provided to the next pumper in the relay. **General Requirements** The driver /operator, given a static water source with _____ 10ft. section(s) of hard suction/supply line, connected to a fire department pumper, relay water using (1) one_____ inch supply line _ft. in length to a fire department attack pumper with _____ft. elevation gain/loss flowing PERFORMANCE _ gpm must calculate and pump the correct pump discharge pressure. **OUTCOME:** Proctor must determine gain/loss prior to administering the exam Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. **Candidate Work Area** Write Answer PDP=

Proctor (Print & Sign)



Candidate:

DO-PUMPER JPR: DOP-14b

| STANE | DARD: 5.2.5 | | | |
|--|---|---|---|---|
| NFPA 1 | 1002, 2017 | | TASK: Pump a supply line of $2\frac{1}{2}$ in. or larger, given a relay pumping of the length and size of the line and the desired flow and intake pressure, s | |
| Genera | l Requirements | | proper pressure and flow are provided to the next pumper in the relay. | |
| | ORMANCE ITCOME: | line, connected to a final field of the second seco | given astatic water source with 10ft. section(s) of hard suction/s fire department pumper, relay water using (2) two inch supply lin o a fire department attack pumper withft. elevation gain/loss flow ulculate and pump the correct pump discharge pressure. <u>mine gain/loss prior to administering the exam</u> violation is grounds for automatic failure. All proctors present shall on. | es wing |
| | | RED: A fire department of the department of th | ent pumper, the appropriate equipment to complete the assigned tasks ar forms. | nd access |
| COND | ITIONS: The ca | undidate will successf | ully complete 100% of all elements of the assigned task steps. | |
| | | | | |
| No. | | | Task Steps | ✓ |
| No. 1. | Identify the sou | rce and attack pum | * | ✓ |
| | - | rce and attack pum nimum water level o | per. | ✓ |
| 1. | Identify the min | | per. f the static source. | ✓ |
| 1. 2. | Identify the min Identify the ma | nimum water level o ximum lift at the tes | per. f the static source. | ✓ □ □ |
| 1. 2. 3. | Identify the min Identify the ma | nimum water level o ximum lift at the tes ximum priming time | per. f the static source. | ✓ |
| 1. 2. 3. 4. | Identify the min Identify the ma Identify the ma Prime the pump. | nimum water level o ximum lift at the tes ximum priming time | per. f the static source. | ✓ |
| 1. 2. 3. 4. 5. | Identify the min Identify the ma Identify the ma Prime the pump. Identify problem | nimum water level o ximum lift at the tes ximum priming time | per. f the static source. st site. e of the source pumper. uilure to prime the pump. | ✓ |
| 1. 2. 3. 4. 5. 6. | Identify the min Identify the ma Identify the ma Prime the pump. Identify problem Communications | nimum water level o ximum lift at the tes ximum priming time as associated with a fa | per. f the static source. st site. e of the source pumper. uilure to prime the pump. | ✓ |
| 1. 2. 3. 4. 5. 6. 7. | Identify the min Identify the ma Identify the ma Prime the pump. Identify problem Communications Open the correct | nimum water level o ximum lift at the tes ximum priming time as associated with a fa s established with atta t discharge valve. | per. f the static source. st site. e of the source pumper. uilure to prime the pump. | |
| 1. 2. 3. 4. 5. 6. 7. 8. | Identify the min Identify the ma Identify the ma Prime the pump. Identify problem Communications Open the correct | nimum water level o ximum lift at the tes ximum priming time as associated with a fa s established with atta t discharge valve. le to the correct disch | per. f the static source. at site. e of the source pumper. uilure to prime the pump. uck pumper. | |
| 1. 2. 3. 4. 5. 6. 7. 8. 9. | Identify the min Identify the ma Identify the ma Prime the pump. Identify problem Communications Open the correct Adjust the thrott Set pressure con | nimum water level o ximum lift at the tes ximum priming time as associated with a fa s established with atta t discharge valve. le to the correct disch trol device. | per. f the static source. at site. e of the source pumper. uilure to prime the pump. uck pumper. | |
| 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. | Identify the min Identify the ma Identify the ma Prime the pump. Identify problem Communications Open the correct Adjust the thrott Set pressure con Maintain pump p | nimum water level o ximum lift at the tes ximum priming time as associated with a fa s established with atta t discharge valve. le to the correct disch trol device. | per. f the static source. at site. e of the source pumper. iilure to prime the pump. ick pumper. arge pressure within (+ or – 5 psi). terruptions from attack pumper. | |

Proctor will state to the Candidate the Task Steps in bold type.

Proctor (Print & Sign)



Candidate:

DO-PUMPER JPR: DOP-14b Candidate Work Sheet

STANDARD: 5.2.5 TASK: Pump a supply line of 2 ¹/₂ in. or larger, given a relay pumping NFPA 1002, 2017 evolution the length and size of the line and the desired flow and intake pressure, so that the proper pressure and flow are provided to the next pumper in the relay. **General Requirements** The driver/operator, given astatic water source with _____ 10ft. section(s) of hard suction/supply line, connected to a fire department pumper, relay water using (2) two_____ inch supply lines _____ft. in length to a fire department attack pumper with _____ft. elevation gain/loss flowing _____ gpm must PERFORMANCE calculate and pump the correct pump discharge pressure. **OUTCOME:** Proctor must determine gain/loss prior to administering the exam Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. **Candidate Work Area** Write Answer PDP=

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-15

Candidate:

| STANDARD: 5.2.4 | | TASK: Produce effective hand or master streams, given the sources spec | TASK: Produce effective hand or master streams, given the sources specified in | |
|---|--|--|--|--|
| NFPA 1002, 2017 | | | the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and | |
| General Requirements | | | maintained, and the apparatus is continuously monitored for potential problems. | |
| PERFORMANCE The fire apparatus driver/operator, given a fire department pumper, shall demonstrate the procedure for restoring the pumper to service. OUTCOME: Safety: A safety violation is grounds for automatic failure. All proctors present shall review th safety violation. | | | | |
| EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms. | | | | |
| CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps. | | | | |
| No. | Task Steps | | ✓ | |
| 1. | Insure that the apparatus water tank is full. | | | |
| 2. | Reset pressure control devices. | | | |
| 3. | Shift the transmission to neutral, allowing it to return to idle speed before disengaging the pump shift switch. | | | |
| 4. | Open the pump drain (optional). | | | |
| 5. | Load and secure all equipment. | | | |
| 6. | Secure compartment doors. | | | |

Proctor (Print & Sign)