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	Pre-Trip Inspection	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-f
12e	Pump single line master stream with elevation +/-	Random of 12 a-f
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 for	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	
·		-	status of the vehicle is verified.	ational	
Genera	ai kequirement	8			
	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 Jurisdicti The Authority Having Jurisdiction will administer this JPR prior to the candidate participati in the Driver/Operator Pumper Practical. 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.			risdiction. icipating by the	
-	-		ped fire department pumper, the appropriate equipment to complete the a edures and related forms.*	assigned	
COND	ITIONS: 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 system	8			
4.	Electrical systems				
5.	Fuel				
6.	Hydraulic fluid				
7.	Oil				
8.	Tires				
9.	Steering system	l			
10.	Belts				
11.	Tools, applianc	es and equipment			
12.			er tank and other extinguishing agent levels in accordance with policies 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	DADD: 421 A	421		
	DARD: 4.3.1, A	-4.3.1	TASK: Operate a fire department pumper, given a vehicle and a predet	ermined
NFPA	1002, 2017		route on a public roadway that incorporates the maneuvers and features	-
		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.	
0	 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.			ssigned
CONI	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 secti	on of urban business s	treet 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 epartment 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.		
	FORMANCE JTCOME:			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	CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps.				
No.			Task Steps	\checkmark	
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:

STAN	DARD: 5.2.2			
	1002, 2017			
	Task: 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.			
		*	nazards involved in operating on emergency and nonemergency scenes in	0
			es, enviromental conditions, proper procedures for dismounting apparatu	
	traffic. The candidate shall demonstrate the ability to use each piece of provided safety equipmen The Authority Having Invidiction will administer this IDD prior to the condidate participa			
PER	The Authority Having Jurisdiction will administer this JPR prior to the candidate participating PERFORMANCE in the Driver/Operator Pumper Practical.			icipating
	OUTCOME:			
		Safety: A safety v the safety violatio	violation is grounds for automatic failure. All proctors present shall a on.	review
-	-		a fire department pumper and the appropriate equipment to complete the ent available for members on emergency and nonemergency scenes.	assigned
COND	DITIONS: The	candidate will successful	ully complete 100% of all elements of the assigned task steps.	
No.			Task Steps	\checkmark
1.	1. Dismount the apparatus facing inward toward the apparatus while using three points of contact and provided grabbars			
2.			bility to use department issued safety equipment, i.e. traffic warning ests, 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 operation	ate 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 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.				
	demonstrate 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. ving Jurisdiction will administer this JPR prior to the candidate parti	ainating		
	rator Pumper Practical.	cipating		
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 success	fully 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 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 conne	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.		
PERFORMANCE OUTCOME: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 rev		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 🗸		\checkmark		
1.	The candidate w	The candidate will ensure that all equipment and compartment doors are secured prior to entering the vehicle			
2.	Check and adjus	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 al Requirements		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 vehicle. Back a vehicle from a roadway into restricted spaces on both the right and left sides of the vehicle. Back a vehicle from a roadway into restricted spaces on both the right and left sides of the vehicle. Back a vehicle from a roadway into restricted spaces on both the right and left sides of the vehicle. Back a vehicle from a roadway into restricted spaces on both the right and left sides of the vehicle. Back a vehicle from a roadway into restricted spaces on both the right and left sides of the vehicle. PERFORMANCE OUTCOME: Back a vehicle from a roadway into restricted spaces on both the right and left sides of the vehicle. PERFORMANCE output for a spotter, and restricted spaces on both the right and left sides of the vehicle. PERFORMANCE output for a spotter, and restricted spaces on both the right and left sides of the vehicle. PERFORMANCE output for a spotter, and restricted spaces on both the right and left sides of the vehicle. Back a vehicle from a roadway into restricted spaces on both the right and left sides of the vehicle. PERFORMANCE output for a spotter, and restricted spaces on both the restricted space of the vehicle. PERFORMANCE output for a spotter, and restricted space on both the vehicle is parked within the restricted areas without having to stop and/or pull forward and without striking obstructions. (Alley Dock or Apparatus Station Parking Procedural Drill) Safety: A safety violation is grounds for automatic failure. All proctors present shall revie the safety violation. 			egree ricted ock or	
assigne ability the app the app	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.				
Dock of	CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps. Either the Alley Dock or Apparatus Station Parking Drill can be used regardless of the type of apparatus being used for this test.				
No.			Task Steps	✓	
		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.		om the left side, back the apparatus into the restricted space without having to stop and/or pull forward. form this task without striking obstructions.			
3.			s to come in contact with or cross over the course boundary markers numpers, aerial device, etc.		

Proctor (Print & Sign)



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)].

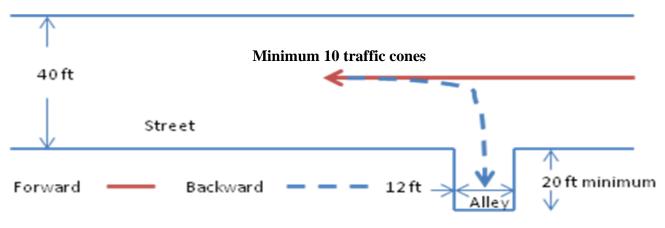


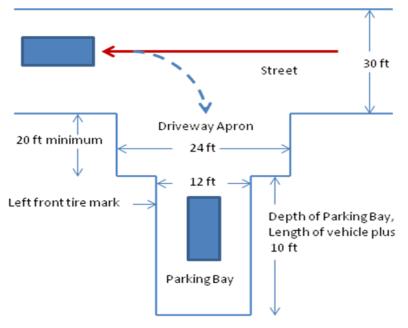
Figure A-2-3.2 (a) Alley Dock Exercise



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:

NFPA	DARD: 4.3.3, A.4 1002, 2017 al Requirements	.3.3	Task: Perform the Serpentine practical driving exercise. Given a fire department pumper and a spotter for safety perform the exercise safely without striking any obstructions.		
	 ERFORMANCE OUTCOME: Maneuver a vehicle around obstructions on a roadway while moving forward and in reverse, given a fire department vehicle, spotter for backing, and a roadway for obstructions, so that the vehicle is maneuvered through the obstacle without stopping and/or changing the direction of travel and without striking the obstructions. (Serpentine Exercise) Safety: A safety violation is grounds for automatic failure. All proctors present shall review to safety violation. 		eview the		
assigne ability the app appara	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 apparat	tus forward on the left	t 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 mpers, 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.*)

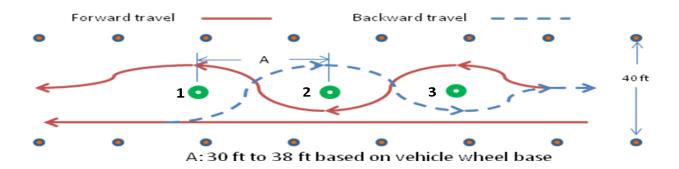


Figure A-4.3.3 Serpentine Exercise. (Minimum 9 traffic cones) Copyright NFPA

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 TCOME:	pumper, a spotter f without stopping a obstructions within	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)		
		safety violation.	Tourion is grounds for automatic fundro fin process present shan i		
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 behin the apparatus during any backing exercise. The proctor/spotter will not direct the driver into position but is there to ensure that 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 $60' \times 100'$.

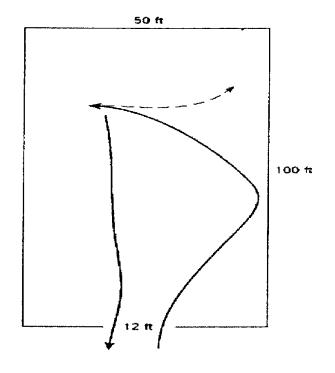


Figure A-4.3.4 Confined space turnaround.

(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 departi in reverse through judges the ability of are struck. After the entrance gate, l 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 nd the last marker. (Diminishing Clearance Exercise).	eview the	
		safety violation.	fourior is grounds for automatic function froctors present shar to	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 app obstructions.	paratus forward and i	n reverse through the diminishing clearance exercise without striking		
2.	•		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 where the front, back, and sides of the apparatus are in relation to an object.

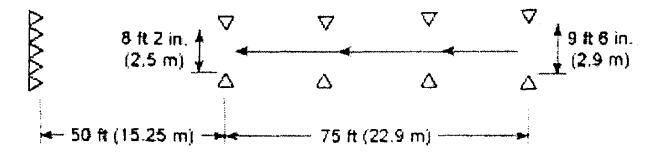


Figure A-4.3.5 Diminishing clearance exercise.

Copyright NFPA (Minimum 10 Traffic cones)



Candidate:

STANE	DARD: 5.2.4			
NFPA 1	1002, 2017		TASK: The fire apparatus driver/operator, given a fire department pump demonstrate placing the pump in service for pumping operations.	ber, shall
Genera	l Requirements			
	ORMANCE TCOME:		safely and efficiently complete all in-cab, pump engagement, and safety pr	
		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.			
CONDI	ITIONS: The ca	andidate will successfu	ally complete 100% of all elements of the assigned task steps.	
No.			Task Steps	\checkmark
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.		
б.	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	PA 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		
Genera	l Requirements		maintained, and the apparatus is continuously monitored for potential pro	oblems.	
	ORMANCE TCOME:	(from internal tank) f ft. in length v 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
		Write Answer
		PDP=

Proctor (Print & Sign)



Candidate:

STANI	DARD: 5.2.4	r	TASK: Produce effective hand or master streams, given the sources spec	cified in
NFPA 1002, 2017		t	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				
	FORMANCE JTCOME:	(from internal tank) for 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. ffective
-	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	\checkmark
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
		Write Answer
		PDP=

Proctor (Print & Sign)



Candidate:

STANI	DARD: 5.2.4		TASK: Produce effective hand or master streams, given the sources spec		
			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	oblems.	
	FORMANCE JTCOME:	(from internal tank) f ft. in length wi 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 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.	notation is grounds for automatic fainte. An proctors present shan f	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 t	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-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 safety safety 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
			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.	
Genera	General Requirements			
	FORMANCE JTCOME:	(from internal tank) f in length and deploye	river/operator, given a fire department pumper, shall demonstrate pump op for supplying a pre-connected attack line, given oneinch attack line edft. downhill , with a gpm fog nozzle will produce an effect the correct discharge pressure.	e,ft.
		Safety: A safety v safety violation.	riolation 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 t	ank to pump valve ful	ly	
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 $(+ \text{ or } - 5 \text{ psi})$ (Prime, if necessary).	
5.	Set the pressure	control device to the c	operating pressure.	
б.	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-10d 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 stream and calculate	river/operator, given a fire department pumper, shall demonstrate pump operations for supplying a pre-connected attack line, given oneinch attack line,ft. edft. downhill, with a gpm fog nozzle will produce an effective fire the correct discharge pressure.
	safety violation.	Candidate Work Area
		Canuluate Work Area
		Write Answer
		PDP=

Proctor (Print & Sign)



Candidate:

	DARD: 5.2.4 1002, 2017	t	TASK: Produce effective hand or master streams, given the sources spect the 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) for in length and deployed	iver/operator, given a fire department pumper, shall demonstrate pump op or 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 vi safety violation.	iolation is grounds for automatic failure. All proctors present shall re	eview the
-	-	RED: A fire departme edures and related form	ent pumper, the appropriate equipment to complete the assigned tasks and ms.	access to
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	y	
2.	Place the transfe	valve in volume press	sure. (if applicable)	
3.	Open the correct	discharge valve.		
4.	Adjust the thrott	le to the correct dischar	rge pressure within $(+ \text{ or } - 5 \text{ psi})$ (Prime, if necessary).	
5.	Set the pressure	control device to the op	perating pressure.	
б.	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-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
		Write Answer
		PDP=

Proctor (Print & Sign)



Candidate:

STANI	DARD: 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		
Genera	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		
	PERFORMANCE The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations (from internal tank) for supplying a pre-connected attack line, given oneinch attack line,inch atta			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.				
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,ft gpm 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
		Write Answer
		PDP=

Proctor (Print & Sign)



Candidate:

STAND	NDARD: 5.2.4 and 5.2.5		TASK: Produce effective hand or master streams, given the sources specified in		
NFPA 1	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		
Genera	l Requirements		maintained, and the apparatus is continuously monitored for potential pro		
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 🗸			✓	
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 contro vehicle safety devices are set, the rated flow of the nozzle is achieved an maintained, and the apparatus is continuously monitored for potential pr	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: The fire apparatus driver/operator; given a fire department pumper, shall demonstrate pump for supplying multiple hose lines. PERFORMANCE OUTCOME: 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 opump 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 the safety violation. EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks a		smooth prrect review		
		procedures and related forms. andidate will successfully complete 100% of all elements of the assigned task steps.		
No.		Task Steps	✓	
1.	Identify static p	ntify static pressure psi.		
2.	Place transfer v	Place transfer valve in (if equipped).		
3.	Maintain correct pump discharge pressure (hoseline number one) (within + or – 5 psi).			
4.	Adjust throttle to correct pump discharge pressure (hoseline number two) (within + or - 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.		

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	iver/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 deter	mine gain/loss prior to administering the exam.		
	Safety: A safety v safety violation.	iolation is grounds for automatic failure. All proctors present shall review the		
		Candidate Work Area		
		Write Answer		
		PDP=		

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		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.		
	The fire apparatus dr for supplying multip	river/operator; given a fire department pumper, shall demonstrate pump operations ole 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 ft elevation gain/loss; must show an effective fire stream and calculate the rge 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		
		Write Answer		
		PDP=		

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. Monitor system for overheating. Operate auxiliary cooling systems (if applicable) 7. 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-12c 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 hoselineft in length with a gpm fog t 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
		Write Answer
		WITE Alswei
		PDP=

Proctor (Print & Sign)



DO-PUMPER JPR: DOP-12d

	Candidate:			
STANI	DARD: 5.2.4			
	1002, 2017	the fo	K: Produce effective hand or master streams, given the sources special produce effective hand or master streams, given the sources special pressure control cle safety devices are set, the rated flow of the nozzle is achieved and	l and
Genera	al Requirements		tained, and the apparatus is continuously monitored for potential pro	
		The fire apparatus driver/o operations for supplying n	operator, given a fire department pumper, shall demonstrate pump nultiple hose lines.	
l		Driver/Operator is operator	ating off a pressurized water source with attack line flowing.	
	FORMANCE JTCOME:	two inch hoseline effective fire stream and c	(1) one inch hoseline ft in length with a gated wye a s; each ft in length with a gpm fog nozzle will prod calculate the correct pump discharge pressure. gain/loss prior to administering the exam.	and (2) luce an
I		Safety: A safety violat the safety violation.	ion is grounds for automatic failure. All proctors present shall r	eview
-	-	RED: A fire department p rocedures and related form	umper, the appropriate equipment to complete the assigned tasks an as.	d access
COND	ITIONS: The ca	ndidate will successfully c	omplete 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 equi	ipped).	
3.	Maintain correct	pump discharge pressure	(hoseline number one) (within + or – 5 psi).	
4.	Adjust throttle to 5 psi).	correct pump discharge p	ressure (hoseline number two) (within + or –	
5.	Set pressure con	rol device.		
6.	Identify residual	pressure psi.		
7.	Monitor system	for overheating. Operat	te auxiliary cooling systems (if applicable)	
8.	Identify the nu	nber of equal lines or add	ditional gpm that can be added	
9.	Identify possibl	e problems that may occu	ır 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.



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	iver/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 hose 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
		Write Answer
		PDP=



DO-PUMPER JPR: DOP-12e

Candidate:

-			
STAN	DARD: 5.2.4		
NFPA	1002, 2017	TASK: Produce effective hand or master streams, given the sources sp the following list, so that the pump is safely engaged, all pressure contrive vehicle safety devices are set, the rated flow of the nozzle is achieved an	ol and
Gener	al Requirement		
		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.	
	FORMANCE UTCOME:	Hoseline number 2 The driver/operator given (1) one inch hoseline ft in length attached to a remaster stream appliance with an inch smooth bore nozzle; ft gain/loss in elehydrant as a water supply, must show an effective fire stream and calculate the correct pump discharge pressure.	evation; a
		Proctor must determine gain/loss prior to administering the exam.	
		Safety: A safety violation is grounds for automatic failure. All proctors present shall the safety violation.	review
-	-	IRED: A fire department pumper, the appropriate equipment to complete the assigned tasks a procedures and related forms.	nd access
CONE	DITIONS: The c	candidate will successfully complete 100% of all elements of the assigned task steps.	
No.		Task Steps	✓
1.	Identify static p	pressure psi.	
2.	Place transfer v	valve in (if equipped).	
3.	Maintain correc	ct pump discharge pressure (hoseline number one) (within + or – 5 psi).	
4.	Adjust throttle 5 psi).	to correct pump discharge pressure (hoseline number two) (within + or -	
5.	Set pressure co	ntrol device.	
6.	Identify residua	l pressure psi.	
7.	Identify the nu	mber of equal lines or additional gpm that can be added	
8.	Identify possib	ole problems that may occur if residual pressure drops below 20 psi.	
9.	Identify action	to be taken.	
10.	Demonstrate s	hut down procedures.	

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



DO-PUMPER JPR: DOP-12e 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 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.
	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:	stream appliance wit	given (1) one inch hoseline ft in length attached to a remote master th an inch smooth bore nozzle; ft gain/loss in elevation; a hydrant ust show an effective fire stream and calculate the correct pump discharge pressure.
	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
		Write Answer
		PDP=

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.

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



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
		Write Answer
		PDP=



DO-PUMPER JPR: DOP-13a

Candidate:

STANI	DARD: 5.2.7	TASK: Supply water to fire sprinkler and standpipe systems, given spec	
NFPA 1	1002, 2017	information and a fire department pumper, so that water is supplied to the at the proper volume and pressure.	e system
Genera	l Requirements		
	ORMANCE TCOME:	The driver/operator given (2) two inch hoselines,ft. in length, attached to the I Department Connection, operating at the floor, withft. ofinch attack li gpm /inch fog/ smooth bore nozzle. Supplied from a pressurized water source, must seffective 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 r safety 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	ndidate will successfully 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 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 gpm /inch for effective fire stream	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.	riolation is grounds for automatic failure. All proctors present shall review the
		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.	5 that
Genera	al Requirements	1		
	FORMANCE JTCOME:	ability to operate foa effective fire stream	river/operator, given foam and foam producing equipment, shall demonstra un-proportioning equipment, connect foam stream equipment and produce supplied with foam. violation is grounds for automatic failure. All proctors present shall re	an
-	-	•	ent pumper, the appropriate equipment to complete the assigned tasks and rms.	access to
COND	ITIONS: The ca	andidate will successfu	ally complete 100% of all elements of the assigned task steps.	
No.				
110.			Task Steps	\checkmark
1.	Identify type of	f foam producing equ	Task Steps uipment being utilized.	✓
		f foam producing equ roducing equipment fo	uipment being utilized.	✓
1.	Prepare foam-pr	roducing equipment fo	uipment being utilized.	✓
1. 2.	Prepare foam-pr Adjust throttle t Identify correc	roducing equipment fo to correct pump discha	uipment being utilized.	✓
1. 2. 3.	Prepare foam-pr Adjust throttle t Identify correc Example: What	roducing equipment fo to correct pump discha	uipment being utilized. or operation. rge pressure for foam-producing equipment being utilized. us for a specific type of fire, to be determined by the proctor. 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. rge pressure for foam-producing equipment being utilized. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor. us for a specific type of fire, to be determined by the proctor.	
1. 2. 3. 4. 5.	Prepare foam-pr Adjust throttle t Identify correc Example: What Produce an effect Identify limitat	roducing equipment fo to correct pump discha et foam concentration at percentage of class ctive foam supplied fir	uipment being utilized. or operation. rge 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. be foam should be used on a polar solvent-fueled fire. re stream. ing utilized.	✓

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

Proctor (Print & Sign)



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

Candidate:

		1	
STANDARD: 5.2.6			
NFPA 1002, 2017			stream, given foam-producing equipment, so
General Requirements		that properly proportioned b	foam is provided.
PERFORMANCE OUTCOME:		m-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 An	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,	
Comon	al Doguinom on t	-	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 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 ar I 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 te	aper. of the static source.	
1. 2. 3.	Identify the m Identify the m	inimum water level o aximum lift at the ter 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 ter 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 ter 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 ter 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 ter aximum priming tim o. ms associated with a fa ns 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 ter aximum priming time o. ms associated with a fa ns 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.	

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



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

STANI	DARD: 5.2.5			
NFPA	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	al Requirements		proper pressure and flow are provided to the next pumper in the relay.	
	FORMANCE JTCOME:	line, connected to a f ft. in length t gpm must ca Proctor must determ	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 alculate and pump the correct pump discharge pressure. mine gain/loss prior to administering the exam violation is grounds for automatic failure. All proctors present shall	es wing
		-	ent pumper, the appropriate equipment to complete the assigned tasks an	id access
COND	ITIONS: The ca	indidate will successfu	ully complete 100% of all elements of the assigned task steps.	
COND No.	ITIONS: The ca	undidate will successfu	ully complete 100% of all elements of the assigned task steps. Task Steps	✓
		undidate will successfu	Task Steps	✓
No.	Identify the sou		Task Steps per.	✓
No. 1.	Identify the sou Identify the min	irce and attack pumj	Task Steps per. f the static source.	✓
No. 1. 2.	Identify the sou Identify the mi Identify the ma	rrce and attack pumj nimum water level of ximum lift at the tes	Task Steps per. f the static source.	✓
No. 1. 2. 3.	Identify the sou Identify the mi Identify the ma	nce and attack pump nimum water level of ximum lift at the tes ximum priming time	Task Steps per. f the static source. st site.	✓
No. 1. 2. 3. 4.	Identify the sou Identify the min Identify the ma Identify the ma Prime the pump.	nrce and attack pum nimum water level of ximum lift at the tes ximum priming time	Task Steps per. f the static source. st site.	✓
No. 1. 2. 3. 4. 5.	Identify the sou Identify the min Identify the ma Identify the ma Prime the pump. Identify problem	nrce and attack pum nimum water level of ximum lift at the tes ximum priming time	Task Steps per. f the static source. st site. e of the source pumper. illure to prime the pump.	✓
No. 1. 2. 3. 4. 5. 6.	Identify the sou Identify the min Identify the ma Identify the ma Prime the pump. Identify problem Communications	nrce and attack pump nimum water level of ximum lift at the tes ximum priming time as associated with a fa	Task Steps per. f the static source. st site. e of the source pumper. illure to prime the pump.	✓
No. 1. 2. 3. 4. 5. 6. 7.	Identify the sou Identify the min Identify the ma Identify the ma Prime the pump. Identify problem Communications Open the correct	nrce and attack pump nimum water level of ximum lift at the tes ximum priming time ns associated with a fa s established with atta	Task Steps per. f the static source. st site. e of the source pumper. uilure to prime the pump. uck pumper.	✓
No. 1. 2. 3. 4. 5. 6. 7. 8.	Identify the sou Identify the min Identify the ma Identify the ma Prime the pump. Identify problem Communications Open the correct	nrce and attack pump nimum water level of 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	Task Steps per. f the static source. st site. e of the source pumper. uilure to prime the pump. uck pumper.	✓
No. 1. 2. 3. 4. 5. 6. 7. 8. 9.	Identify the sou Identify the min Identify the ma Identify the ma Prime the pump. Identify problem Communications Open the correct Adjust the thrott Set pressure con	arce and attack pump nimum water level of 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.	Task Steps per. f the static source. st site. e of the source pumper. uilure to prime the pump. uck pumper.	
No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	Identify the sou 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	arce and attack pump nimum water level of 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.	Task Steps per. f the static source. at site. e of the source pumper. aillure to prime the pump. ack 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 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		i	maintained, and the apparatus is continuously monitored for potential problems.	
PERFORMANCE OUTCOME:		The fire apparatus driver/operator, given a fire department pumper, shall demonstrate the procedure for restoring the pumper to service.		
		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.	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)