

Pump Operator

Skills Evaluation Sheets NFPA 1002 2017 Edition

STATE OF CONNECTICUT
COMMISSION ON FIRE PREVENTION AND CONTROL
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State of Connecticut

COMMISSION ON FIRE PREVENTION AND CONTROL



Pump Operator Evaluation Skill Sheet

SS#	Skill Sheet Title	NFPA 1002 Objectives Addressed
		2017 Edition

P.O. 1	Preventive Maintenance (Specific)	5.1.2(A)(B)
P.O.2A	Produce Effective Streams – Internal Tank	5.2.3(A)(B), 5.2.4(A)(B)
P.O.2B	Produce Effective Streams – Pressurized Source	5.2.3(A)(B), 5.2.4(A)(B)
P.O.2C	Produce Effective Streams – Static Source	5.2.3(A)(B), 5.2.4(A)(B)
P.O.2D	Produce Effective Streams – Transfer from Internal Tank to	5.2.4(A)(B)
	External Source	
P.O. 3	Relay Pumping	5.2.5(A)(B)
P.O. 4	Foam Fire Streams	5.2.6(A)(B)
P.O. 5	Supply Water to Fire Sprinkler and Standpipe Systems	5.2.7(A)(B)

NFPA 1002, 2017 edition 12/11/18





Driver/Operator - Pump

Skill Sheet #: P.O. 1 Primary Task: Preventive Maintenance (Sp									ecific)	
Obje	ective(s): 5.1	.2(A)(B)			NFPA Standa	ard:	1002 2016 Edition	Candid	ate #	
			Р	erformance E	valuation Sh	eet				
Tas	ks:									
									1st	2nd
1.	Performs co	mpetencies asso	ciated to	Skill Sheet 4.2.1	A - Preventive	Mainte	enance			
* Verifies operational status of water tank and levels of other extingushing agents given FD vehicle, its manufacturer's specifications and policies/procedures of jurisdiction										
 * Verifies operational status of pumping systems given FD vehicle, its manufacturer's specifications and policies and procedures of jurisdiction 										
* Verifies operational status of foam systems given FD vehicle, its manufacturer's specifications and policies and procedures of jurisdiction										
5.		es use of diagnos deficiencies note				gnize s	system pr	oblems		
* Cr	ritical Task	Failure of this task failure on the entire		Safety is PAR	AMOUNT		number tas		date	4

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Driver/Operator - Pump

Skill Sheet #: P.O. 2A Primary Task: Produce Effective Streams - Internal Tar							Tank			
Obje	ctive(s) : 5.2.	3(A)(B) 5.2.4(A)(I	3)		NFPA Standa	rd:	1002 2016 Ed.	Candida	ate #	
			Pe	erformance	Evaluation She	eet				
Task	(S:									
									1st	2nd
1.	Identifies of	ejective and positi	ons vehic	le properly						
2.	* Sets vehic	cle in position with	safety ed	quipment						
3.	3. * Transfers vehicle from road to pump (as applicable)									
4.	* Engages ¡	oump								
5.	Properly sets transfer valve (as applicable)									
6.	Opens tank	suction valve								
7.	Opens disc	harge valve								
8.	Sets throttle	e speed properly								
9.	* Sets press	sure control devic	e properly	/						
10.	Operates A	uxillary Cooling S	ystem pro	perly						
* Cri	Critical Task Failure of this task mandates failure on the entire objective Safety is PARAMOUNT Total number tasks can must complete to pass									7

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Driver/Operator - Pump

Skill	Sheet #:	P.O. 2B	Prima	Produce Effe Source	ffective Streams - Pressurized					
Obje	ctive(s): 5.2	2.3(2)(A)(B) 5.2.4	4(A)(B)		NFPA Standa	rd:	rd: 1002 Candidate # 2016 Ed.			
			Pe	erformance	Evaluation She	eet				
Tasl	KS:									
									1st	2nd
1.	Identifies of	bjective and posi	tions vehic	le properly						
2.	* Sets vehic	cle in position wit	h safety ed	quipment						
3.	* Transfers vehicle from road to pump (as applicable)									
4.	4. * Checks and connects to pressurized source									
5.	Adjusts supply line from pressurized source to pump									
6.	Notes and	verbalizes static	pressure							
7.	Opens disc	harge valve								
8.	Sets throttle	e speed properly								
9.	* Sets pres	sure control devi	ce properly	/						
10.	Operates A	uxillary Cooling	System pro	perly						
										1
				T						
* Cri	tical Task	Failure of this task failure on the entir		Safety is P	ARAMOUNT		number t complete	asks candi to pass	idate	7

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Driver/Operator - Pump

Skill	Skill Sheet #: P.O. 2C Primary Ta				k: Produce Effective Streams - Static Source							
Obje	ctive(s): 5.2	2.3(3) (A)(B) 5.2.	4(A)(B)		NFPA Standa		1002 2016 Ed.	Candida	te#			
			Pe	erformance	Evaluation She	eet						
Tasl	KS:											
1.	Identifies of	ective and posi	tions vehic	le properly					1st	2nd		
		•										
2.	* Sets vehic	ele in position wit	h safety ed	quipment								
3.	3. * Transfers vehicle from road to pump (as applicable)											
4.	4. * Connects drafting appliances and equipment											
5.	5. * Maneuvers appliances and equipment into proper position											
6.	Utilizes prim	ning device fully	and proper	·ly								
7.	Opens discl	harge valve										
8.	Sets throttle	speed properly										
9.	* Sets press	sure control devi	ce properly	′								
10.	Operates A	uxillary Cooling	System pro	perly								
										1		
		- .				I						
* Cri	tical Task	Failure of this task failure on the entir		Safety is P	ARAMOUNT			asks candic to pass	late	7		

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Driver/Operator - Pump

Skill	Skill Sheet #: P.O. 2D Primary Task: Produce Effective Streams - Trans Internal Tank to External Source								
Obje	ctive(s): 5.2.4(4) (A)(B)		NFPA Standar		2016			
			Performance	Evaluation She	et				
Tasl	ks:								
1.	Identifica objective	and positions	rabiala proporti				1st	2nd	
	Identifies objective	•							
2.	* Sets vehicle in p	osition with safe	ty equipment						
3.	* Transfers vehicle	e from road to pu	ump (as applicabl	le)					
4.	* Engages pump								
5.	Opens tank suctio	n valve							
6.	Opens discharge	valve and flows	water from intern	al tank					
7.	Connects to extern	nal source prope	erly						
8.	* Switches to exte	rnal source							
9.	* Adjusts throttle s	peed properly							
10.	* Sets pressure co	ontrol device							
11.	Operates Auxillary	Cooling Syster	n properly						
* Cri		e of this task manda on the entire object	ates tive Safety is P	ARAMOUNT		per tasks candid	date	8	

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Prevent or prohibit any unsafe acts. Contact the Chief Examiner at any time with any questions. Remember, you are an evaluator, not a trainer...

must complete to pass





Driver/Operator - Pump

Skill	Sheet #:	P.O. 3	Primary Task:	Relay Pumping				_	
Obje	ctive(s): 5.2	2.5(A)(B)		NFPA Standard:	1002 2016 Ed.	Candid	late #		
			Performance	Evaluation Sheet					
Task	ks:								
							1st	2nd	
1.	Identifies of	bjective and pos	sitions vehicle properly fo	or relay pumping to anot	ther vehic	cle			
2.	* Sets vehic	cle in position w	ith safety equipment						
3.	* Transfers	vehicle from roa	ad to pump (as applicabl	e)					
4.	. Establishes water supply from static or pressurized water source								
5.	. Selects and connects appropriate size supply hose for relay pumping based on scenario								
6.	. * Engages pump								
7.	Opens disc	harge valve							
8.	Bleeds air f	rom hose line (a	as applicable)						
9.	Connects to	o external sourc	e properly						
10.	* Opens int	ake valve							
11.	* Increases	throttle and pro	vides proper pressure/flo	ow to the next pump					
12.	* Sets pres	sure control dev	rice						
13.	Operates A	uxillary Cooling	System properly						
14.	Indicates de	esired flow and	intake pressure for corre	ct pressure and flow to	next pum	пр			



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Driver/Operator - Pump

* Critical Task

Failure of this task mandates failure on the entire objective

Safety is **PARAMOUNT**

Total number tasks candidate must complete to pass

10

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Driver/Operator - Pump

Skill	Sheet #:	P.O. 4	ary Task:	Foam Fire St	reams				_	
Obje	ctive(s): 5.2	2.6(A)(B)			NFPA Standar	2	1002 2016 Ed.	Candidat	te#	
			Pe	erformance	Evaluation She	et			•	
Tasl	ks:									_
									1st	2nd
1.	Identifies of	bjective and pos	sitions vehic	le properly fo	r foam operations					
2.	* Sets vehic	cle in position w	ith safety ed	quipment						
3.	* Transfers	vehicle from roa	ad to pump	(as applicabl	e)					
4.	Establishes water supply from static or pressurized water source									
5.	* Engages pump									
4.	Deploys ap	propriate hose I	ine or mast	er stream dev	vice					
5.	* Sets foam	n producing equi	ipment							
6.	Opens disc	charge valve								
7.	Increases t	hrottle to provid	e proper pre	essure						
8.	* Flows pro	portioned foam	and water n	nixture						
9.	* Sets pres	sure control dev	rice							
10.	Operates A	uxillary Cooling	System pro	perly						
										1
* Cri	tical Task	Failure of this tas	sk mandates	Sofoty is D	ARAMOUNT I	Total ni	ımber t	tasks candid	late	7
Cil	Critical Task Failure of this task mandates failure on the entire objective Safety is PARAMOUNT Total number tasks candid must complete to pass									7

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Driver/Operator - Pump

Skill	Sheet #:	P.O. 5	Prima	ary Task:	 Supply Water to Fire Sprinkler and Standpipe Systems 						
Obje	ctive(s): 5.2	2.7(A)(B)			NFPA Standar	d:	1002 2016 Ed.	Candida	te #		
			Pe	erformance	Evaluation She	et					
Task	(S:										
1	Identifice of	signative and posit	tiona vahio	la proporty fo	r fire enrinkler er e	tondn:	no onor	ations	1st	2nd	
1.					r fire sprinkler or s	tanapi	pe opera	ations			
2.	* Sets vehic	ele in position wit	h safety ed	quipment							
3.	Establishes	water supply fro	m static or	pressurized	water source						
4.	4. * Engages pump										
5.	5. Deploys appropriate equipment, supply line and/or hose line devices for proper operations										
6.	Connects appropriate equipment for fire sprinkler and/or standpipe operations										
7.	Opens discl	harge valve									
8.	Increases th	nrottle to provide	proper pre	essure							
9.	* Flows wat	er at appropriate	pressure f	for operation							
10.	* Sets press	sure control devi	ce								
11.	Operates A	uxillary Cooling S	System pro	perly							
										1	
* Cri	tical Task	Failure of this task failure on the entir		Safety is P	ARAMOUNT		number to	asks candic to pass	date	8	



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