



Pump Operator

Skills Evaluation Sheets NFPA 1002 2017 Edition

STATE OF CONNECTICUT
COMMISSION ON FIRE PREVENTION AND CONTROL

860-627-6363

In-State Toll Free - 1-877-528-3473





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 External Source	5.2.4(A)(B)
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



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Driver/Operator - Pump

Skill Sheet #:	P.O. 1	Primary Task:	Preventive Maintenance (Specific)			
Objective(s) : 5.1.2(A)(B)		NFPA Standard:	1002 2016 Edition	Candidate #		
Performance Evaluation Sheet						
Tasks:						
				1st	2nd	
1.	Performs competencies associated to Skill Sheet 4.2.1A - Preventive Maintenance					
2.	* Verifies operational status of water tank and levels of other extinguishing agents given FD vehicle, its manufacturer's specifications and policies/procedures of jurisdiction					
3.	* Verifies operational status of pumping systems given FD vehicle, its manufacturer's specifications and policies and procedures of jurisdiction					
4.	* Verifies operational status of foam systems given FD vehicle, its manufacturer's specifications and policies and procedures of jurisdiction					
5.	Demonstrates use of diagnostic hand tools (mechanic's tools) to recognize system problems and correct deficiencies noted according to policies and procedures					
* Critical Task		Failure of this task mandates failure on the entire objective	Safety is PARAMOUNT		Total number tasks candidate must complete to pass	4

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Driver/Operator - Pump



Skill Sheet #:	P.O. 2A	Primary Task:	Produce Effective Streams - Internal Tank	
Objective(s) :	5.2.3(A)(B) 5.2.4(A)(B)	NFPA Standard:	1002 2016 Ed.	Candidate #
Performance Evaluation Sheet				
Tasks:				
			1st	2nd
1.	Identifies objective and positions vehicle properly			
2.	* Sets vehicle in position with safety equipment			
3.	* Transfers vehicle from road to pump (as applicable)			
4.	* Engages pump			
5.	Properly sets transfer valve (as applicable)			
6.	Opens tank suction valve			
7.	Opens discharge valve			
8.	Sets throttle speed properly			
9.	* Sets pressure control device properly			
10.	Operates Auxillary Cooling System properly			
* Critical Task	Failure of this task mandates failure on the entire objective	Safety is PARAMOUNT	Total number tasks candidate must complete to pass	7

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Driver/Operator - Pump

Skill Sheet #: P.O. 2B	Primary Task: Produce Effective Streams - Pressurized Source		
Objective(s) : 5.2.3(2)(A)(B) 5.2.4(A)(B)	NFPA Standard: 1002 2016 Ed.	Candidate #	
Performance Evaluation Sheet			
Tasks:			
		1st	2nd
1. Identifies objective and positions vehicle properly			
2. * Sets vehicle in position with safety equipment			
3. * Transfers vehicle from road to pump (as applicable)			
4. * Checks and connects to pressurized source			
5. Adjusts supply line from pressurized source to pump			
6. Notes and verbalizes static pressure			
7. Opens discharge valve			
8. Sets throttle speed properly			
9. * Sets pressure control device properly			
10. Operates Auxillary Cooling System properly			
* Critical Task	Failure of this task mandates failure on the entire objective	Safety is PARAMOUNT	Total number tasks candidate must complete to pass 7

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Driver/Operator - Pump



Skill Sheet #: P.O. 2C	Primary Task: Produce Effective Streams - Static Source		
Objective(s) : 5.2.3(3) (A)(B) 5.2.4(A)(B)	NFPA Standard: 1002 2016 Ed.	Candidate #	
Performance Evaluation Sheet			
Tasks:			
		1st	2nd
1. Identifies objective and positions vehicle properly			
2. * Sets vehicle in position with safety equipment			
3. * Transfers vehicle from road to pump (as applicable)			
4. * Connects drafting appliances and equipment			
5. * Maneuvers appliances and equipment into proper position			
6. Utilizes priming device fully and properly			
7. Opens discharge valve			
8. Sets throttle speed properly			
9. * Sets pressure control device properly			
10. Operates Auxillary Cooling System properly			
* Critical Task	Failure of this task mandates failure on the entire objective	Safety is PARAMOUNT	Total number tasks candidate must complete to pass 7

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Driver/Operator - Pump

Skill Sheet #: P.O. 2D	Primary Task: Produce Effective Streams - Transfer from Internal Tank to External Source		
Objective(s) : 5.2.4(4) (A)(B)	NFPA Standard: 1002 2016 Ed.	Candidate #	
Performance Evaluation Sheet			
Tasks:			
		1st	2nd
1. Identifies objective and positions vehicle properly			
2. * Sets vehicle in position with safety equipment			
3. * Transfers vehicle from road to pump (as applicable)			
4. * Engages pump			
5. Opens tank suction valve			
6. Opens discharge valve and flows water from internal tank			
7. Connects to external source properly			
8. * Switches to external source			
9. * Adjusts throttle speed properly			
10. * Sets pressure control device			
11. Operates Auxillary Cooling System properly			
* Critical Task	Failure of this task mandates failure on the entire objective	Safety is PARAMOUNT	Total number tasks candidate must complete to pass
			8

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Driver/Operator - Pump



Skill Sheet #:	P.O. 3	Primary Task:	Relay Pumping		
Objective(s) :	5.2.5(A)(B)	NFPA Standard:	1002 2016 Ed.	Candidate #	
Performance Evaluation Sheet					
Tasks:					
			1st	2nd	
1.	Identifies objective and positions vehicle properly for relay pumping to another vehicle				
2.	* Sets vehicle in position with safety equipment				
3.	* Transfers vehicle from road to pump (as applicable)				
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 discharge valve				
8.	Bleeds air from hose line (as applicable)				
9.	Connects to external source properly				
10.	* Opens intake valve				
11.	* Increases throttle and provides proper pressure/flow to the next pump				
12.	* Sets pressure control device				
13.	Operates Auxillary Cooling System properly				
14.	Indicates desired flow and intake pressure for correct pressure and flow to next pump				

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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	Primary Task:	Foam Fire Streams	
Objective(s) :	5.2.6(A)(B)	NFPA Standard:	1002 2016 Ed.	Candidate #
Performance Evaluation Sheet				
Tasks:				
			1st	2nd
1.	Identifies objective and positions vehicle properly for foam operations			
2.	* Sets vehicle in position with safety equipment			
3.	* Transfers vehicle from road to pump (as applicable)			
4.	Establishes water supply from static or pressurized water source			
5.	* Engages pump			
4.	Deploys appropriate hose line or master stream device			
5.	* Sets foam producing equipment			
6.	Opens discharge valve			
7.	Increases throttle to provide proper pressure			
8.	* Flows proportioned foam and water mixture			
9.	* Sets pressure control device			
10.	Operates Auxillary Cooling System properly			
* Critical Task	Failure of this task mandates failure on the entire objective	Safety is PARAMOUNT	Total number tasks candidate must complete to pass	7

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Driver/Operator - Pump

Skill Sheet #:	P.O. 5	Primary Task:	Supply Water to Fire Sprinkler and Standpipe Systems	
Objective(s) :	5.2.7(A)(B)	NFPA Standard:	1002 2016 Ed.	Candidate #
Performance Evaluation Sheet				
Tasks:				
			1st	2nd
1.	Identifies objective and positions vehicle properly for fire sprinkler or standpipe operations			
2.	* Sets vehicle in position with safety equipment			
3.	Establishes water supply from static or pressurized water source			
4.	* Engages pump			
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 discharge valve			
8.	Increases throttle to provide proper pressure			
9.	* Flows water at appropriate pressure for operation			
10.	* Sets pressure control device			
11.	Operates Auxillary Cooling System properly			
* Critical Task	Failure of this task mandates failure on the entire objective	Safety is PARAMOUNT	Total number tasks candidate must complete to pass	8

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