



GEORGIA FIREFIGHTER STANDARDS AND TRAINING COUNCIL
APPARATUS OPERATOR - PUMPER
 NFPA 1002
 NPQ TESTED SKILLS



PERFORM VISUAL & OPERATIONAL CHECKS ON PUMPER SYSTEMS & COMPONENTS
 Skill Number: 5.1.2.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given fire department pumper.
2. The Candidate shall be given departmental policies.
3. The Evaluator shall attach and submit all supporting documentation to GFSTC.
4. The Candidate shall be given the instructions below before beginning the exercise.
5. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Perform the visual and operational checks on the systems and components specified in the following list in addition to those in 4.2.1 so that the operational status of the pumper is verified with 100% accuracy!

- **Water tank and other extinguishing levels if applicable**
- **Pumping systems**
- **Foam systems**

1. Chocks vehicles wheels.
2. Ensures water tank level is full.
3. Checks foam tank level (if applicable).
4. Checks primer pump oil reservoir level.
5. Properly engages pump. (Evaluate condition of pump packing for excessive leaking).
6. Properly operates priming pump.
7. Demonstrates proper throttle techniques.
8. Exercises pump valves.
9. Exercises drain valves.
10. Operates change-over valve (for two stage pumps) If applicable.
11. Operates pressure control device (relief valve).
12. Properly disengages pump.
13. Ensures tightness of screws and bolts on pump panel, using appropriate hand tools.
14. Recognizes and corrects any deficiency noted according to policies and procedures.
15. Fills out inspection form properly and completely.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS REDO**

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS FAIL**



GEORGIA FIREFIGHTER STANDARDS AND TRAINING COUNCIL
APPARATUS OPERATOR - PUMPER



NFPA 1002 NPQ TESTED SKILLS

PERFORM VISUAL & OPERATIONAL CHECKS ON APPARATUS SYSTEMS & COMPONENTS

Skill Number: 4.2.1.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be provided a fire department apparatus used by the AHJ.
2. The Evaluator shall attach and submit all supporting documentation to GFSTC.
3. The Candidate shall be given the instructions below before beginning the exercise.
4. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Perform visual and operational checks on the system and components specified in the following list specified on the following list, according to manufacturer's specifications and requirements, using departmental policies and procedures so that the operational status of the vehicle is verified with 100% accuracy!

1. Chocks vehicles wheels.
2. Uses systematic approach for inspection of apparatus.
3. Check for apparent damage to apparatus.
4. Look beneath vehicle for spots that indicate leakage.
5. Look for unusual leaning that indicates chassis defects.
6. Batteries water level (if applicable), tightness of terminals, corrosion on terminals, ensure batteries are secure, charged and ready to start by gauge reading or actual starting of apparatus.
* 7. Braking system (air or hydraulic) for leaks, fluid level, ensure manual or automatic purging of excess condensation for air brake systems, ensure that the brakes will stop the apparatus by driving and depressing brake pedal.
* 8. Coolant system, leaks, condition of hoses and lines, ensure coolant level.
* 9. Oil level, leaks, oil pressure.
10. Electrical system is charging, gauges are functioning, check ignition system by starting engine, lights are functional, all visual and audible emergency warning devices are operational, wires and connections in good condition.
11. Fuel leaks, fuel gauge level (3/4 minimum).
* 12. Hydraulic fluid leaks, hydraulic fluid levels.
* 13. Tires properly inflated, condition of valves and stems, depth of tread, damage, lug nuts tight.
* 14. Steering system leaks, steering fluid level and excessive play on steering wheel.
15. Belts properly adjusted, checked for excessive wear and cracking.
* 16. Tools, appliances and equipment present & in good working order.
* 17. Check water level of booster tank through the top vent opening or sight glass
18. Adjust mirrors, seats and seatbelts.
19. Check windshield wipers, washing fluid and wiper blades for damage.
20. Check radios and communications equipment

* Performed according to manufacturers' recommendations or policies of the AHJ

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DOCUMENT VISUAL & OPERATIONAL CHECKS ON APPARATUS SYSTEMS & COMPONENTS
 Skill Number: 4.2.2.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be provided with a vehicle inspection form used by the AHJ.
2. The Candidate shall be provided with a computer, if applicable.
3. The Evaluator shall attach and submit all supporting documentation to GFSTC.
4. The Candidate shall be given the instructions below before beginning the exercise.
5. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Document the visual and operational checks, given maintenance and inspection forms so that all items are checked for operation and deficiencies are reported with 100% accuracy!

	1. Inspection sheet filled out properly and completely
	2. Report any deficiencies.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

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Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS FAIL



GEORGIA FIREFIGHTER STANDARDS AND TRAINING COUNCIL
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OPERATE A FIRE APPARATUS ON A PREDETERMINED ROUTE
 Skill Number: 4.3.1.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be provided with a fire apparatus used by the AHJ.
2. The Candidate shall be given a predetermined route.
3. The Evaluator shall attach and submit all supporting documentation to GFSTC.
4. The Candidate shall be given the instructions below before beginning the exercise.
5. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Operate a fire apparatus so that the vehicle is operated in compliance with all applicable state and local laws and department rules and regulations with 100% accuracy!

1. Adjust and use mirrors.
2. Use seat belts for all occupants.
3. Observe all posted speed limits.
4. Maintain safe following distances.
5. Stop fully at all stop signs or stop lights.
6. Maintain control of apparatus while accelerating, decelerating, and turning.
7. Use turn signals at appropriate times.
8. Keep apparatus in correct lane of travel.
9. Monitor all gauges so apparatus is operated within manufacturer's specifications.
DRIVING OPERATIONS:
10. Four left and four right turns
11. Travel through one-through-intersection and two intersections where a stop has to be made.
12. Cross one railroad crossing.
13. Left or right-hand curve.
14. 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.
15. A downgrade steep enough and long enough to require downshifting and braking.
16. An upgrade steep enough and long enough to require gear changing to maintain speed.
17. One underpass or low clearance bridge.
18. Perform all vehicle operations in a safe manner.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS REDO

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OPERATE A FIRE APPARATUS ON A PREDETERMINED ROUTE

Skill Number: 4.3.1.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be provided with a fire apparatus used by the AHJ.
2. The Candidate shall be given a predetermined route.
3. The Evaluator shall attach and submit all supporting documentation to GFSTC.
4. The Candidate shall be given the instructions below before beginning the exercise.
5. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Operate a fire apparatus so that the vehicle is operated in compliance with all applicable state and local laws and department rules and regulations with 100% accuracy!

1. Adjust and use mirrors.
2. Use seat belts for all occupants.
3. Observe all posted speed limits.
4. Maintain safe following distances.
5. Stop fully at all stop signs or stop lights.
6. Maintain control of apparatus while accelerating, decelerating, and turning.
7. Use turn signals at appropriate times.
8. Keep apparatus in correct lane of travel.
9. Monitor all gauges so apparatus is operated within manufacturer's specifications.
<i>DRIVING OPERATIONS:</i>
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17. One underpass or low clearance bridge.
18. Perform all vehicle operations in a safe manner.

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Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS REDO

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS FAIL



GEORGIA FIREFIGHTER STANDARDS AND TRAINING COUNCIL
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BACK A VEHICLE FROM A ROADWAY INTO RESTRICTED SPACES
 Skill Number: 4.3.2.1

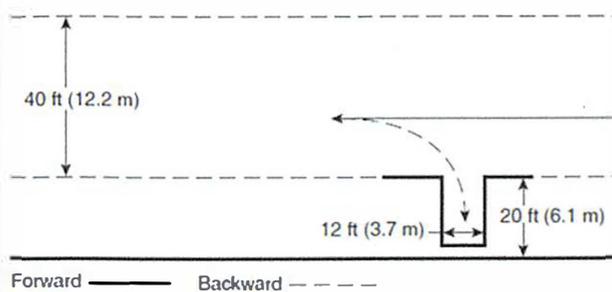
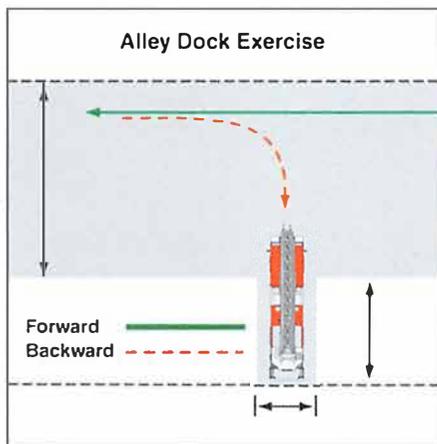
INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be provided with a fire apparatus used by the AHJ.
2. The Candidate shall be provided with a spotter.
3. The Course shall contain restricted spaces 12 feet in width, requiring 90° right-hand and left-hand turns from the roadway.
4. The Evaluator shall set up the station as described below.
5. The Evaluator shall attach and submit all supporting documentation to GFSTC.
6. The Candidate shall be given the instructions below before beginning the exercise.
7. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Back a vehicle from a roadway into restricted spaces on both the right and left sides of the vehicle so that the vehicle is parked within the restricted area without having to stop and pull forward and without striking obstructions with 100% accuracy!

1. Adjust and use mirrors for backing.
2. Use seat belts for all occupants.
3. Spotter used to back apparatus is for safety only! The spotter will not be allowed to assist in directing the driver when to stop the apparatus during the test unless damage may occur!
4. Stop apparatus by aligning center of left tire within 6" of the center of the mark on the ground.
5. Complete skill without striking cones.



Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS REDO

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS FAIL



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MANEUVER APPARATUS AROUND OBSTRUCTIONS

Skill Number: 4.3.3.1

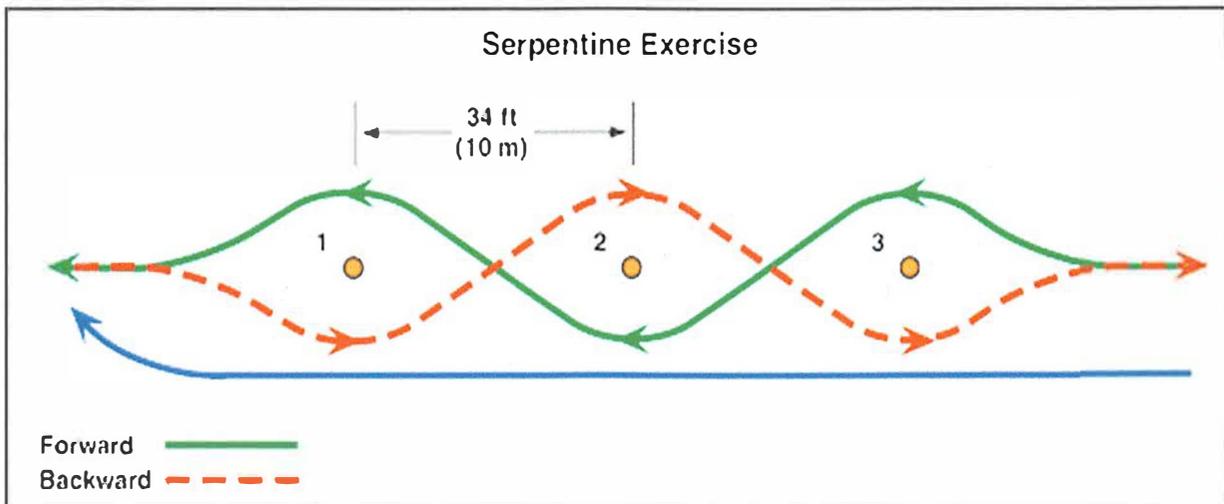
INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be provided with a fire apparatus used by the AHJ.
2. The Candidate shall be provided with a spotter.
3. The Course shall contain a roadway with obstructions.
4. The Evaluator shall set up the station as described below.
5. The Evaluator shall attach and submit all supporting documentation to GFSTC.
6. The Candidate shall be given the instructions below before beginning the exercise.
7. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Maneuver a vehicle around obstructions on a roadway while moving forward and in reverse so that the vehicle is maneuvered through the obstructions without stopping to change the direction of travel and without striking the obstructions with 100% accuracy!

1. Adjust and use mirrors for backing.
2. Use seat belts for all occupants.
3. Spotter used to back apparatus for safety only! The spotter will not be allowed to assist in directing the driver, when to stop the apparatus during the test unless damage may occur!
4. Complete skill without striking cones.



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Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS REDO

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TURN A FIRE APPARATUS 180° WITHIN A CONFINED SPACE
 Skill Number: 4.3.4.1

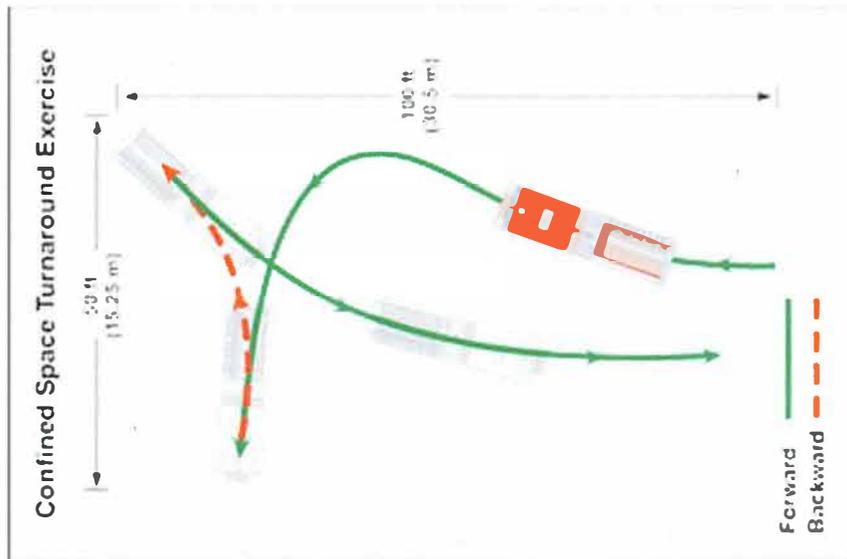
INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be provided with a fire apparatus used by the AHJ.
2. The Candidate shall be provided with a spotter.
3. The Course shall be conducted in an area where the candidate cannot perform a U-turn without stopping & backing up.
4. The Evaluator shall set up the station as described below.
5. The Evaluator shall attach and submit all supporting documentation to GFSTC.
6. The Candidate shall be given the instructions below before beginning the exercise.
7. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Turn a fire apparatus 180° within a confined space so that the vehicle is turned 180° without striking obstructions within the given space with 100% accuracy!

1. Adjust and use mirrors for backing.
2. Use seat belts for all occupants.
3. Spotter used to back apparatus is for safety only! The spotter will not be allowed to assist in directing the driver when to stop the apparatus during the test unless damage may occur!
4. Complete skill without striking cones.



Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS REDO

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS FAIL



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MANEUVER APPARATUS IN AREAS OF RESTRICTED CLEARANCES
 Skill Number: 4.3.5.1

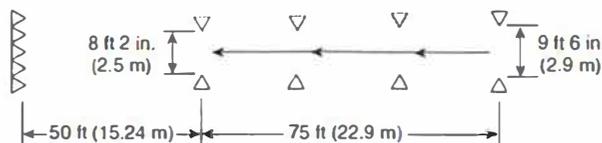
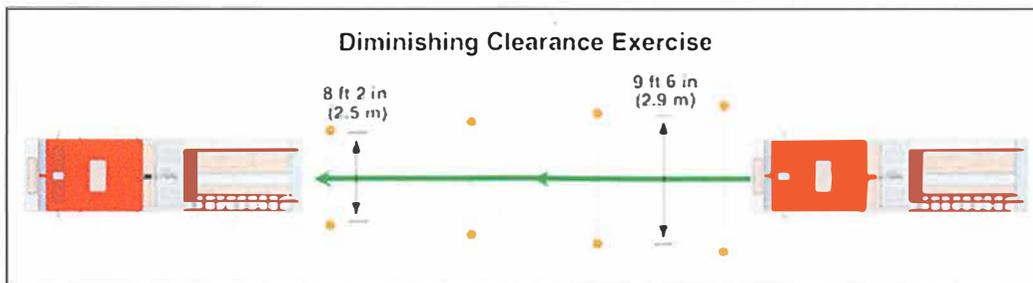
INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be provided with a fire apparatus used by the AHJ.
2. The Candidate shall be provided with a spotter.
3. The Evaluator shall set up the station as described below. Width measurements for this skill may be modified due to varying widths of fire apparatus. The finish line shall be 50 feet past the end of the diminishing clearance cones.
4. The Evaluator shall place the vertical crossbar prop within the last 50 feet of the course.
5. The Evaluator shall adjust the height of the vertical crossbar after each evolution.
6. The Course shall be conducted in an area with restricted horizontal & vertical clearances.
7. The Evaluator shall attach and submit all supporting documentation to GFSTC.
8. The Candidate shall be given the instructions below before beginning the exercise.
9. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Maneuver a fire apparatus in areas with restricted horizontal and vertical clearance so that the operator judges the ability of the vehicle to pass through the openings and so that no obstructions are struck with 100% accuracy!

<input type="checkbox"/>	1. Adjusts and uses mirrors for backing.
<input type="checkbox"/>	2. Uses seat belts for all occupants.
<input type="checkbox"/>	3. Completes skill without striking cones or the vertical crossbar.
<input type="checkbox"/>	4. Communicates with the spotter while maneuvering under vertical crossbar.
<input type="checkbox"/>	5. Stops short of vertical clearance crossbar (if crossbar is lower than the height of the apparatus).
<input type="checkbox"/>	6. Places the apparatus bumper within 18 inches of the cone at the finish line without crossing over or hitting it.



Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS REDO

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS FAIL



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OPERATE A VEHICLE USING DEFENSIVE DRIVING TECHNIQUES
 Skill Number: 4.3.6.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given an assignment.
2. The Candidate shall be provided with a fire apparatus used by the AHJ.
3. The Evaluator shall attach and submit all supporting documentation to GFSTC.
4. The Candidate shall be given the instructions below before beginning the exercise.
5. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Operate a vehicle using defensive driving techniques so that control of the vehicle is maintained with 100% accuracy!

	1. Operates passenger restraint devices.
	2. Maintains safe following distances,
	3. Maintains control of the vehicle while accelerating, decelerating, and turning, given road, weather, & traffic conditions.
	4. Operates under adverse environmental or driving surface conditions.
	5. Uses automotive gauges and controls.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS** **REDO**

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS** **FAIL**



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OPERATE ALL FIXED SYSTEMS & EQUIPMENT ON APPARATUS NOT ADDRESSED ELSEWHERE
 Skill Number: 4.3.7.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given a fire apparatus used by the AJH.
2. The Candidate shall be provided with department policies for systems and equipment.
3. The Candidate shall operate all major equipment and mechanical systems attached to the apparatus (electrical generation equipment, floodlighting systems, air compressors, air cascade systems, hydraulic rescue tools, etc.)
4. The Evaluator shall attach and submit all supporting documentation to GFSTC.
5. The Candidate shall be given the instructions below before beginning the exercise.
6. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Operate all fixed systems and equipment on the vehicle not addressed elsewhere in the standard so that each system or piece of equipment is operated in accordance with the applicable instructions and policies with 100% accuracy!

	1. Properly operates all fixed systems/equipment on the fire apparatus according to departmental policy and manufacturer's specifications.
	2. Fills out inspection sheet properly and completely.
	3. Report any deficiencies.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS REDO**

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS FAIL**



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INITIATE THE RESPONSE TO A REPORTED EMERGENCY

Skill Number: 4.4.1.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given the report of an emergency and communications equipment.
2. The Candidate shall be provided with fire department SOPs
3. The Evaluator shall attach and submit all supporting documentation to GFSTC.
4. The Candidate shall be given the instructions below before beginning the exercise.
5. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Initiate the response to a reported emergency so that all necessary information is obtained, communications equipment is operated correctly, and the information is relayed promptly and accurately to the dispatch center with 100% accuracy!

1. Identifies himself/herself.
2. Records the time of the call.
3. Records the type and address of the incident.
4. Records the caller's name and call back number.
5. Asks questions for additional information.
6. Hangs up after getting information from the caller.
7. Initiates the appropriate response based on the department's SOP/SOG

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS** **REDO**

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS** **FAIL**



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RECEIVE A TELEPHONE CALL
 Skill Number: 4.4.2.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given a fire department phone.
2. The Evaluator shall attach and submit all supporting documentation to GFSTC.
3. The Candidate shall be given the instructions below before beginning the exercise.
4. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Receive a telephone call so that procedures for answering the phone are used and the caller's information is relayed with 100% accuracy!

	1. Identifies himself/herself.
	2. Records the time of the call.
	3. Records who the call is for and take any messages.
	4. Records the caller's name and call back number.
	5. Asks questions for additional information.
	6. Hangs up after getting information from the caller.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS REDO

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS FAIL



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TRANSMIT & RECEIVE MESSAGES VIA FIRE DEPARTMENT RADIO
 Skill Number: 4.4.3.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given a fire department radio and operating procedures.
2. The Evaluator shall attach and submit all supporting documentation to GFSTC.
3. The Candidate shall be given the instructions below before beginning the exercise.
4. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Transmit and receive messages via the fire department radio so that the information is accurate, complete, clear, and relayed within the time established by the AHJ with 100% accuracy!

	1. Turns on the power.
	2. Sets the radio/portable to the correct channel.
	3. Adjusts the volume.
	4. Adjusts the squelch (if radio/portable is so equipped).
	5. Performs radio check, holding the microphone/portable radio one to two inches from the mouth.
	6. Keys the mic about a second before speaking.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS REDO**

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ACTIVATE EMERGENCY PROCEDURES

Skill Number: 4.4.4.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given an emergency situation & initiate mayday and emergency evacuation procedures according to department SOPs.
2. The Evaluator shall attach and submit all supporting documentation to GFSTC.
3. The Candidate shall be given the instructions below before beginning the exercise.
4. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Activate emergency procedures so that emergency actions can be initiated with 100% accuracy!

- | | |
|--|---|
| | 1. Activates mayday and emergency evacuation procedures in accordance with department's SOPs. |
|--|---|

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS** **REDO**

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS** **FAIL**



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RESPOND ON APPARATUS TO AN EMERGENCY SCENE
 Skill Number: 5.2.1.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given fire department pumper.
2. The Candidate shall be given safety equipment provided by the AHJ.
3. The Evaluator shall attach and submit all supporting documentation to GFSTC.
4. The Candidate shall be given the instructions below before beginning the exercise.
5. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Respond on apparatus to an emergency scene so that the apparatus is correctly mounted and dismounted and seat belts are used while the vehicle is in motion with 100% accuracy!

	1. Dons appropriate protective clothing before mounting apparatus.
	2. When mounting fire apparatus, firmly grasps a hand hold with at least one hand and places at least one foot firmly on a foot surface.
	3. Maintains hand and foot placement until seated.
	4. Fastens seat belt and/or harness before apparatus is in motion.
	5. Dons other required safety equipment, such as hearing, face and eye protection as required for seating areas that are not fully enclosed.
	6. Waits until apparatus comes to a complete stop before dismounting.
	7. Checks for oncoming traffic before opening apparatus doors.
	8. Watches for oncoming traffic and other hazards during dismount and while working in and around the scene.
	9. Grasps a handhold with one hand, while foot is placed firmly on a flat surface when leaving the apparatus.

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ESTABLISH & OPERATE IN EMERGENCY/NON-EMERGENCY WORK AREAS
 Skill Number: 5.2.2.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given safety equipment, and traffic/scene control devices.
2. The Candidate shall be given emergency/non-emergency scenes & other traffic hazards.
3. The Candidate shall be given an assignment and departmental SOPs.
4. The Evaluator shall attach and submit all supporting documentation to GFSTC.
5. The Candidate shall be given the instructions below before beginning the exercise.
6. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Establish and operate in work areas at emergency and non-emergency scenes 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 with 100% accuracy!

	1. Wears appropriate Personal Protective Equipment.
	2. Deploys traffic cones and/or other traffic and scene control devices to slow motorists and direct them in a safe pattern around an emergency scene.
	3. Notifies law enforcement and verify they have been dispatched, if they are not already on the scene.
	4. Establishes a safe zone around the scene to protect personnel and victims.
	5. Reduces the amount of forward facing lights to reduce interference with oncoming drivers.
	6. Positions fire apparatus to act as a shield between oncoming traffic and firefighters working in the roadway.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS REDO**

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS FAIL**



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APPARATUS OPERATOR - PUMPER
 NFPA 1002



ESTABLISHING A WATER SUPPLY FROM A STATIC SOURCE
 Skill Number: 5.2.3.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given a fire department pumper and a supply or intake hose & hose tools.
2. The Candidate shall be given access to a static water source.
3. The Evaluator shall attach and submit all supporting documentation to GFSTC.
4. The Candidate shall be given the instructions below before beginning the exercise.
5. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Connect a fire department pumper to a water supply as a member of a team so that connections are tight and water flow is unobstructed with 100% accuracy!

STATIC WATER SUPPLY

1. Wears appropriate PPE (Firefighting boots, helmet, gloves).
2. Places apparatus in proper position to operate for drafting.
3. Places wheel chocks under wheels.
4. Ensures there is adequate water depth.
5. Securely connects hard intake or flex hose sections.
6. Connects strainer to intake hose.
7. Ties guide rope to the strainer securely.
8. Securely connects intake hose to apparatus.
9. Places intake hose and strainer into water slowly to avoid stirring up sediment and dirt.

DEPLOY PORTABLE WATER TANKS

1. Removes minimum of two portable tanks from apparatus.
2. Correctly positions tanks next to pumper with drains aimed downhill.
3. Retrieves & sets up appropriate equipment to transfer water from one tank to another:
 - Suction hose
 - PVC pipe
 - Jet siphon
 - Low level strainer
4. Connects proper equipment to draft from portable tanks.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS REDO

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS FAIL



GEORGIA FIREFIGHTER STANDARDS AND TRAINING COUNCIL
APPARATUS OPERATOR - PUMPER
 NFPA 1002



ESTABLISHING A WATER SUPPLY FROM A PRESSURIZED SOURCE
 Skill Number: 5.2.3.2

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given a fire department pumper and a supply or intake hose & hose tools.
2. The Candidate shall be given access to a fire hydrant.
3. The Evaluator shall determine the hose lay method to be performed.
4. The Evaluator shall attach and submit all supporting documentation to GFSTC.
5. The Candidate shall be given the instructions below before beginning the exercise.
6. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Connect a fire department pumper to a water supply as a member of a team so that connections are tight and water flow is unobstructed with 100% accuracy!

1. Wears appropriate PPE (Firefighting boots, helmet, gloves).

HAND LAY SUPPLY HOSE TO THE HYDRANT

2. Places apparatus in proper position to operate from hydrant.
3. Places wheel chocks under wheels.
4. Hand lays a supply hose from the pumper to the hydrant.
5. Connects supply hose from apparatus to hydrant.
6. Opens hydrant fully.

FORWARD LAY

2. Stops as close to the hydrant as possible.
3. Ensures that hose and appropriate adapters are removed from the apparatus.
4. On signal from the firefighter at the hydrant, drives forward toward the fire.
5. Ensures connection of supply hose from apparatus to hydrant.
6. Ensures hydrant is fully opened.

REVERSE LAY

2. Stops as close to the structure or attack pumper as possible.
3. Ensures that hose and appropriate nozzles and adapters are removed from the apparatus.
4. On signal from the firefighter or other driver, drives forward toward the hydrant.
5. Connects supply hose from apparatus to hydrant.
6. Opens hydrant fully.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS REDO**

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS FAIL**



GEORGIA FIREFIGHTER STANDARDS AND TRAINING COUNCIL
APPARATUS OPERATOR - PUMPER



NFPA 1002 NPQ TESTED SKILLS

PRODUCE EFFECTIVE FIRE STREAMS FROM PRESSURIZED & STATIC SOURCES

Skill Number: 5.2.4.2

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given a specified water source and a fire department pumper.
2. The Evaluator shall determine which evolution shall be performed.
3. The Evaluator shall attach and submit all supporting documentation to GFSTC.
4. The Candidate shall be given the instructions below before beginning the exercise.
5. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Produce effective hand or master streams so that the pump is engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle achieved and maintained, and the apparatus is monitored for potential problems with 100% accuracy!

1. Places wheel chocks under wheels.

2. Engages fire pump.

PRESSURIZED SOURCE

3. Opens intake valve.

4. Opens appropriate discharge.

5. Produces effective water stream from water source to master stream device and/or handheld nozzle.

6. Operates auxiliary cooling system or crack open tank fill valve.

7. Calculates friction loss and gallons per minute for each scenario given.

8. Operates relief valve (pressure control system)

STATIC SOURCE

3. Places pump in gear.

4. Operates primer device.

5. Completes a successful draft.

6. Maintains draft.

7. Watches gauges.

8. Monitors for any problems that may occur.

9. Produces effective water stream from static water source to master stream device &/or handheld nozzle.

10. Operates auxiliary cooling system.

11. Calculates friction loss and gallons per minute for each scenario given.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS** **REDO**

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS** **FAIL**



GEORGIA FIREFIGHTER STANDARDS AND TRAINING COUNCIL
APPARATUS OPERATOR - PUMPER



NFPA 1002

SUPPLY WATER TO A SPRINKLER SYSTEM

Skill Number: 5.2.7.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given a specified water source and a fire department pumper.
2. The Candidate shall be provided with access to a Fire Department Connection for a sprinkler.
3. The Candidate shall be provided with 200' of 2½", or larger, hose.
4. The Evaluator shall attach and submit all supporting documentation to GFSTC.
5. The Candidate shall be given the instructions below before beginning the exercise.
6. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Supply water to a fire sprinkler so that water is supplied to the system at the correct volume and pressure with 100% accuracy!

1. Wears appropriate PPE (Firefighting boots, helmet, gloves).
2. Locates FDC.
3. Places apparatus in proper position to operate from a pressurized water source.
4. Placed wheel chocks under wheels.
5. Engage fire pump.
6. Makes connection to the FDC (Fire Department Connection).
7. Calculates friction loss and gallons per minute for each scenario given.
8. Supplies water to the system at the correct volume and pressure.
9. Operates relief valve (pressure control system).
10. Makes transition from internal to external source.
11. Operates auxiliary cooling system
12. Assembles additional hose lines, nozzles, valves and appliances if needed.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS REDO

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS FAIL



GEORGIA FIREFIGHTER STANDARDS AND TRAINING COUNCIL
APPARATUS OPERATOR - PUMPER
 NFPA 1002



SUPPLY WATER TO A STANDPIPE SYSTEM
 Skill Number: 5.2.7.2

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given a specified water source and a fire department pumper.
2. The Candidate shall be provided with access to a Fire Department Connection for a standpipe system.
3. The Candidate shall be provided with 200' of 2½", or larger, hose
4. The Evaluator shall attach and submit all supporting documentation to GFSTC.
5. The Candidate shall be given the instructions below before beginning the exercise.
6. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Supply water to a standpipe system so that water is supplied to the system at the correct volume and pressure with 100% accuracy!

1. Wears appropriate PPE (Firefighting boots, helmet, gloves).
2. Locates FDC.
3. Places apparatus in proper position to operate from a pressurized water source.
4. Places wheel chocks under wheels.
5. Engages fire pump.
6. Makes connection to the FDC (Fire Department Connection).
7. Calculates friction loss and gallons per minute for each scenario given.
8. Supplies water to the system at the correct volume and pressure.
9. Operates relief valve (pressure control system).
10. Makes transition from internal to external source.
11. Operates auxiliary cooling system
12. Assembles additional hose lines, nozzles, valves and appliances if needed.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS REDO

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS FAIL



GEORGIA FIREFIGHTER STANDARDS AND TRAINING COUNCIL
APPARATUS OPERATOR - PUMPER
 NFPA 1002 NPQ TESTED SKILLS



PERFORM VISUAL & OPERATIONAL CHECKS ON PUMPER SYSTEMS & COMPONENTS
 Skill Number: 5.1.2.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given fire department pumper.
2. The Candidate shall be given departmental policies.
3. The Evaluator shall attach and submit all supporting documentation to GFSTC.
4. The Candidate shall be given the instructions below before beginning the exercise.
5. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Perform the visual and operational checks on the systems and components specified in the following list in addition to those in 4.2.1 so that the operational status of the pumper is verified with 100% accuracy!

- **Water tank and other extinguishing levels if applicable**
- **Pumping systems**
- **Foam systems**

1. Chocks vehicles wheels.
2. Ensures water tank level is full.
3. Checks foam tank level (if applicable).
4. Checks primer pump oil reservoir level.
5. Properly engages pump. (Evaluate condition of pump packing for excessive leaking).
6. Properly operates priming pump.
7. Demonstrates proper throttle techniques.
8. Exercises pump valves.
9. Exercises drain valves.
10. Operates change-over valve (for two stage pumps) If applicable.
11. Operates pressure control device (relief valve).
12. Properly disengages pump.
13. Ensures tightness of screws and bolts on pump panel, using appropriate hand tools.
14. Recognizes and corrects any deficiency noted according to policies and procedures.
15. Fills out inspection form properly and completely.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS** **REDO**

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS** **FAIL**



GEORGIA FIREFIGHTER STANDARDS AND TRAINING COUNCIL APPARATUS OPERATOR - PUMPER



NFPA 1002 NPQ TESTED SKILLS

PERFORM VISUAL & OPERATIONAL CHECKS ON APPARATUS SYSTEMS & COMPONENTS

Skill Number: 4.2.1.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be provided a fire department apparatus used by the AHJ.
2. The Evaluator shall attach and submit all supporting documentation to GFSTC.
3. The Candidate shall be given the instructions below before beginning the exercise.
4. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Perform visual and operational checks on the system and components specified in the following list specified on the following list, according to manufacturer's specifications and requirements, using departmental policies and procedures so that the operational status of the vehicle is verified with 100% accuracy!

	1. Chocks vehicles wheels.
	2. Uses systematic approach for inspection of apparatus.
	3. Check for apparent damage to apparatus.
	4. Look beneath vehicle for spots that indicate leakage.
	5. Look for unusual leaning that indicates chassis defects.
	6. Batteries water level (if applicable), tightness of terminals, corrosion on terminals, ensure batteries are secure, charged and ready to start by gauge reading or actual starting of apparatus.
	* 7. Braking system (air or hydraulic) for leaks, fluid level, ensure manual or automatic purging of excess condensation for air brake systems, ensure that the brakes will stop the apparatus by driving and depressing brake pedal.
	* 8. Coolant system, leaks, condition of hoses and lines, ensure coolant level.
	* 9. Oil level, leaks, oil pressure.
	10. Electrical system is charging, gauges are functioning, check ignition system by starting engine, lights are functional, all visual and audible emergency warning devices are operational, wires and connections in good condition.
	11. Fuel leaks, fuel gauge level (3/4 minimum).
	* 12. Hydraulic fluid leaks, hydraulic fluid levels.
	* 13. Tires properly inflated, condition of valves and stems, depth of tread, damage, lug nuts tight.
	* 14. Steering system leaks, steering fluid level and excessive play on steering wheel.
	15. Belts properly adjusted, checked for excessive wear and cracking.
	* 16. Tools, appliances and equipment present & in good working order.
	* 17. Check water level of booster tank through the top vent opening or sight glass
	18. Adjust mirrors, seats and seatbelts.
	19. Check windshield wipers, washing fluid and wiper blades for damage.
	20. Check radios and communications equipment

* Performed according to manufacturers' recommendations or policies of the AHJ

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS REDO

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS FAIL



GEORGIA FIREFIGHTER STANDARDS AND TRAINING COUNCIL
APPARATUS OPERATOR - PUMPER
 NFPA 1002 NPQ TESTED SKILLS



PRODUCE EFFECTIVE FIRE STREAMS FROM INTERNAL TANK & CHANGE TO EXTERNAL SOURCE
 Skill Number: 5.2.4.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given a specified water source.
2. The Candidate shall be given a fire department pumper.
3. The Evaluator shall determine which evolution shall be performed.
4. The Evaluator shall attach and submit all supporting documentation to GFSTC.
5. The Candidate shall be given the instructions below before beginning the exercise.
6. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Produce effective hand or master streams so that the pump is engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle achieved and maintained, and the apparatus is monitored for potential problems with 100% accuracy!

1. Placed wheel chocks under wheels.

2. Engage fire pump.

INTERNAL TANK

3. Opens tank to pump valve.

4. Opens appropriate discharge.

5. Produces effective water stream from water source to master stream device.

6. Produces effective water stream from water source to handheld nozzle.

7. Operates auxiliary cooling system or crack open tank fill valve.

8. Calculates friction loss and gallons per minute for each scenario given.

9. Operates relief valve (pressure control system)

TRANSFER FROM INTERNAL TANK TO EXTERNAL SOURCE

3. Closes bleeder valve, if necessary, and opens intake.

4. Closes tank to pump valve.

5. Begins refilling tank.

6. Opens appropriate discharge.

7. Produces effective water stream from water source to master stream device.

8. Produces effective water stream from water source to handheld nozzle.

9. Calculates friction loss and gallons per minute for each scenario given.

10. Operates relief valve (pressure control system)

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS REDO

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS FAIL



GEORGIA FIREFIGHTER STANDARDS AND TRAINING COUNCIL
APPARATUS OPERATOR - PUMPER



NFPA 1002 NPQ TESTED SKILLS

PRODUCE A FOAM FIRE STREAM
Skill Number: 5.2.6.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given a specified water source and a fire department pumper.
2. The Candidate shall be given a foam educator, hose, & nozzle.
3. The Candidate shall be given actual or simulated foam concentrate.
4. The Evaluator shall attach and submit all supporting documentation to GFSTC.
5. The Candidate shall be given the instructions below before beginning the exercise.
6. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Produce a foam fire stream so that proportioned foam is provided with 100% accuracy!

1. Wears appropriate PPE (Firefighting boots, helmet, gloves).
2. Places apparatus in proper position to operate from hydrant.
3. Places wheel chocks under wheels.
4. Engages fire pump.
5. Checks the educator and the nozzle to ensure they are rated for the same GPM flow.
6. Checks & sets foam educator for the same percentage rating as indicated on the foam container.
7. Selects and attaches hoseline with nozzle on the discharge side of the educator.
8. Places pick up tube of the educator in the foam concentrate.
9. Charges hoseline and increases to the pressure recommended by the educator manufacturer. (200 psi usually)
10. Produces properly proportioned foam stream.
11. Performs operation safely.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS REDO

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ PASS FAIL



GEORGIA FIREFIGHTER STANDARDS AND TRAINING COUNCIL
APPARATUS OPERATOR - PUMPER



NFPA 1002 NPQ TESTED SKILLS

RELAY PUMP A SUPPLY LINE

Skill Number: 5.2.5.1

INSTRUCTIONS TO THE MONITOR/EVALUATOR:

1. The Candidate shall be given a specified water source and two fire department pumps.
2. The Candidate shall be given a relay-pumping evolution & 250' of supply hose.
3. The Candidate shall be provided the desired flow & intake pressure.
4. The Evaluator shall attach and submit all supporting documentation to GFSTC.
5. The Candidate shall be given the instructions below before beginning the exercise.
6. Check off each step as the Candidate completes it.

INSTRUCTIONS TO THE CANDIDATE

Pump a supply line of 2½ inch or larger so that the correct pressure and flow are provided to the next pumper in the relay with 100% accuracy!

1. Wears appropriate PPE (Firefighting boots, helmet, gloves).
2. Places apparatus in proper position to operate from hydrant.
3. Places wheel chocks under wheels.
4. Engages fire pump.
5. Connects supply hose from apparatus to hydrant.
6. Open hydrant fully.
7. Pumps from internal source and transitions to external source.
8. Operates auxiliary cooling system.
9. Calculates friction loss and gallons per minute for each scenario given.
10. Assembles additional hose lines, nozzles, valves and appliances as necessary.
11. Operates relief valve (pressure control system)
12. Provides correct flow and pressure to the next pumper in the relay.

Candidate Name: _____ Date: _____ GFSTC ID #: _____

Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS REDO**

Re-Test Evaluator: _____ Date: _____ GFSTC ID #: _____ **PASS FAIL**