

Grissettown Longwood Fire & Rescue

Driver/Operator Program Part I – Engine

Overview

The Driver/Operator Preparation Program is designed to standardize the training and release of driver/operators within the company; the intent is for personnel to progress, at their own pace, from smaller vehicles to larger, heavier apparatus. For all apparatus/vehicles, candidates will be evaluated and released by a line officer or designee.

Basic Requirements

Personnel successfully must meet the following requirements, by type of vehicle, to be eligible for release as a driver/operator:

Engine/Tanker/Rescue /Brush

- At least 21 years old and off probation
- Meet the requirements of NFPA 1002, *Standard for Fire Apparatus Driver/Operator Professional Qualifications for Apparatus Equipped with Fire Pump*
- Complete at least five hours of supervised non-emergency driving (Supervised by a designated evaluator)
- Complete an in-station test on the vehicle's inventory
- Perform a thorough apparatus check

Definitions

A. Proper Safety Gear – Helmet, gloves, and safety vest (minimum).

B. Engages Pump Properly – With the vehicle stopped, transmission in neutral, and the parking brake engaged, the candidate moves road-to-pump selector to the “pump” position, and shifts the transmission into the appropriate gear.

C. Checks Pump Engagement – Candidate checks the in-cab “OK to pump” indicator, checks speedometer, and taps the accelerator pedal.

D. Disengages Pump Properly – Candidate shifts transmission to neutral, ensures that the speedometer is at zero (and/or allows adequate time for gear rotations to stop), and moves the road-to-pump selector to the “road” position.

E. Charges/Shuts Down Lines Properly – Candidate opens and closes gates slowly; if possible, idles down before shutting down lines.

Procedure

A. Members will document all non-emergency driving using the “Driving Evaluation Form.”

B. Once the member has successfully completed the required non-emergency driving and in-station testing, the candidate will schedule evaluation by a line officer or designee.

C. Complete a Driver/Operator Authorization Form for each type of vehicle that a member is authorized to operate.

D. Note: Any “Improper” action(s) require an explanation in the comments section of the form.

Non Emergency Driving

Personnel must complete a minimum of five (5) hours of non-emergency driving over all types of road conditions within their first due area. The supervisor may require additional driving hours or driving beyond their first due area should performance indicate.

The driver/operator must demonstrate proficiency driving the apparatus in a non-emergency mode, traveling a route that includes a variety of road conditions.

Note: A Driving Evaluation Form must be completed by the evaluator after each non-emergency driving session.

Driving Evaluation Form

Name: _____ Date: _____

Apparatus: _____ Time Start: _____ Time Stop: _____

Performance Criteria	Proper	Improper
Properly uses seatbelt		
Ensures proper seatbelt usage by passenger		
Operates and uses mirrors appropriately		
Operates vehicle with both hands on wheel while in motion		
Maintains safe following distances		
Maintains control of the apparatus while accelerating, braking, and negotiating turns		
Utilizes turn signals appropriately		
Maintains a reasonable speed for the road, and traffic conditions		
Maintains vehicle within driving lane at all times		
Operates the vehicle safely under the following conditions: gravel road, dirt road, narrow access, diminished clearance, and tight turns		
Operates the vehicle in compliance with all applicable state and local laws and departmental guidelines		
Brings vehicle to a stop in a controlled manner		

Comments: _____

Evaluator's Signature

Exercise 1: 1 ¾” Attack Line

Candidate: _____ Date: _____

Objective: To flow a single 1 ¾” attack line at proper pressure using only tank water.

Performance Criteria	Proper	Improper
Positions engine appropriately (short, in front of, or past the structure)		
Stops engine, transmission in neutral, sets parking brake		
Dons proper safety gear		
Acknowledges order from OIC that an 1 ¾” hand line will be used		
Places wheel chock in position		
Engages pump properly		
Checks pump engagement		
Opens tank to pump if not already open		
Checks OK to pump indicator on pump panel		
Clears hose bed of attack line or ensures it has been cleared		
Charges attack line when advised to do so		
Pumps line at correct pressure (125 psi)		
Sets relief valve/pressure governor, as applicable		
Advises OIC when there is half a tank of water left		
Shuts down line when out of water or when advised to do so		

Disengages pump properly		
Refills booster tank from a hydrant		
Assures engine is ready for service		

Comments: _____

Evaluator's Signature

Exercises 2: Multiple Attack Lines

Candidate: _____ Date: _____

Objective: Lay out a supply line the candidate shall flow two 1 ¾” and one 2 ½” hose line.

Performance Criteria	Proper	Improper
Stops engine with rear step at hydrant, transmission in neutral, sets parking brake		
Dons proper safety gear		
Wraps hydrant with supply line leaving 10-15 ft of hose at the hydrant		
Lays out hose at a safe, reasonable speed (< 15mph)		
Keeps hose to one side of the street, same side as hydrant		
Positions engine properly		
Acknowledges order to put a 1 ¾” hand line in service		
Places wheel chock in position		
Engages pump properly		
Checks pump engagement		
Opens tank to pump if not already open		
Checks OK to pump light on pump panel		
Clears hose bed of attack line or ensures it has been cleared		
Charges line when advised to do so		
Pumps attack line at correct pressure		
Sets relief valve/pressure governor, as applicable		
Disconnects supply line from hose bed and connects to appropriate intake		
Opens bleeder on appropriate intake valve		
Advise supply engine to charge the supply line (should also relay length and diameter of hose and GPM flowing)		

Refills tank		
Closes tank fill when tank is full		
Acknowledges order to flow a second 1 ¾" attack line		
Clears hose bed of attack line or ensures it has been cleared		
Charges hose line when advised to do so		
Pumps line at correct pressure		
Advises supply engine of change in flow		
Acknowledges order to put a 2 ½" attack line in service		
Clears hose bed of attack line or ensures it has been cleared		
Charges hose line when advised to do so		
Pumps line at correct pressure		
Modifies relief valve/ pressure governor, if necessary		
Advises supply engine of change in flow		
Flows water from all three lines		
When advised to do so, shuts down all three lines properly		
Assures tank is full		
Advises supply engine to shut down		
Assures engine is ready for service		

Comments: _____

Evaluator's Signature

Exercise 3: Deck Gun

Candidate: _____ Date: _____

Objective: To Flow water from a remote deck gun

Performance Criteria	Proper	Improper
Stops engine at hydrant, transmission in neutral, sets parking brake		
Dons proper safety gear		
Wraps hydrant with supply line (10-15 ft. of hose at the hydrant)		
Lays out hose at a safe, reasonable speed (<15 mph)		
Keeps hose to one side of the street, same side as hydrant		
Positions engine properly		
Stops engine at hydrant, transmission in neutral, sets parking brake		
Acknowledges order to flow the remote deck gun at 400 GPM		
Places wheel chock in position		
Removes the deck gun; pulls correct supply lines		
Engages pump properly		
Checks pump engagement		
Opens tank to pump if not already open		
Checks OK to pump light on pump panel		
Charges pre-piped master stream when advised to do so		
Pumps at correct pressure		
Disconnect supply line from hose bed and connects it to appropriate intake		
Opens bleeder on appropriate intake valve		
Advise supply engine to charge the supply line		
Refills tank		

Closes tank fill when tank if full		
When advised to do so, shuts down lines properly		
Advises supply engine to shut down		
Assures engine is ready for service		

Comments: _____

Evaluator's Signature

Exercise 4: Supply Pumping

Candidate: _____ Date: _____

Objective: Complete a hose lay and supply water to an attack engine

Performance Criteria	Proper	Improper
Stops engine at hydrant, transmission in neutral, sets parking brake		
Dons proper safety gear		
Pulls appropriate supply line and connects to supply line already laid		
Lays out hose at a safe, reasonable speed (< 15mph)		
Keeps hose to one side of the street, same side as hydrant		
Positions engine properly		
Stops engine, transmission in neutral, sets parking brake		
Places wheel chock in position		
Engages pump properly		
Checks pump engagement		
Flushes hydrant		
Connects intake hose to hydrant		
Opens bleeder (if available) for front intake		
Opens hydrant completely		
Opens valve to allow water to pump		

Places chafing block under hose		
Closes tank to pump		
Checks OK to pump light on pump panel		
Disconnects supply hose from hose bed and connects to appropriate discharge		
Notes static pressure before line is charged		
Charges supply line when advised by attack engine		
Pumps supply line at the proper pressure (50-60 psi)		
Notes residual pressure and calculates remaining water		
Shuts down the supply line when advised by attack pumper		
Assures engine is ready for service		

Comments:

Evaluator's Signature

Engine Driver/Operator Preparation Program Authorization Form Part I

Candidate: _____ Date: _____

	Initial	Date
Determination of Eligibility		
At least 21 years old		
Endorsed by an officer		
Meet the requirements of NFPA 1002, <i>Standard for Fire Apparatus Driver/Operator Professional Qualifications</i> for Apparatus Equipped with Fire Pump		
Released for probation as an apparatus driver/operator for a minimum of six (6) months		
Practical Exercises		
Successful completion of in-station vehicle inventory test		
Successful demonstration of a thorough apparatus check		
Successful completion of an in-station area familiarization test		
Successful completion of at least five (5) hours of supervised non-emergency driving		
Successful evaluation by an Officer or designee		

Authorization

Signing below indicates that the above individual has successfully completed the requirements to be released as a driver/operator for engines/pumpers.

Chief's Signature

Date