Grissettown Longwood Fire & Rescue

Driver/Operator Program Part II - Engine

Overview

The Driver/Operator Preparation Program Part II 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.

Exercise 1: Drafting-Portable Tank

Candidate: _____ Date: _____

Objective: To demonstrate the candidate's ability to successfully draft from portable water tank while supplying the master stream device.

Tasks	Proper	Improper
Positions engine to draft from portable tank		
Stops engine, transmission in neutral, sets parking brake		
Dons proper safety gear		
Places wheel chock in proper position		
Removes both sections of hard sleeve from the engine		
Connects the hard sleeves together (using rubber mallet)		
Attaches hard sleeve to the appropriate intake		
Places strainer end of hose in portable tank and ties it off		
Closes/caps all intakes, discharges, and drains on engine		
Engages pump properly		
Checks pump engagement		
Checks OK to pump light on the pump panel		
Opens intake valve (if necessary)		
Sets engine RPM to approximately 1200-1500		
Operates priming device		
Obtains prime, opens discharge to master stream		
Pumps at correct pressure		
Places transfer line in service if second tank is used		

Shuts down when advised to do so		
Assures tank is full and engine is ready for service		

Comments :

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Evaluator's Signature

Exercise 2: Drafting-Static Water Source

Candidate: _____ Date: _____

Objective: To demonstrate the candidate's ability to successfully draft from static water source, by supplying the master stream. After drafting, the candidate must back flush the pump properly.

Tasks	Proper	Improper
Positions engine at water source		
Stops engine, transmission in neutral, sets parking brake		
Dons proper safety gear		
Places wheel chock in proper position		
Removes both sections of hard sleeve from the engine		
Connects the hard sleeves together (using rubber mallet)		
Lowers strainer end into the water (uses roof ladder as necessary)		
Attaches hard sleeve to the appropriate intake		
Connects hard suction hose to intake of pumper		
Closes tank to pump valve, assures all discharge valves are closed		
Closes/caps all intakes, discharges, and drains on engine		
Engages pump properly		
Checks pump engagement		
Checks OK to pump light on the pump panel		
Opens intake valve (if necessary)		
Sets engine RPM to approximately 1200-1500		
Operates priming device		
Obtains prime, opens discharge valve to deck gun		
Pumps at correct pressure		

Places recirculation line in service		
Shuts down when advised to do so		
Assures tank is full and engine is ready for service		
Back flushes pump properly		

Comments

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Evaluator's Signature

Exercises 3: Rural Water Supply-Fill Site

Candidate: _____ Date: _____

Objective: To demonstrate the ability to participate in a rural water supply operation at a fill site.

Tasks	Proper	Improper
Positions engine for water supply, either hydrant or static source		
Stops engine, transmission in neutral, sets parking brake		
Dons proper safety gear		
Places wheel chock in proper position		
Performs appropriate connections and setup procedures		
Works with crew to ensure fill site is set up properly (*see Exercise 3 under Tanker Preparation*)		
Engages pump properly		
Checks pump engagement		
Sets pump discharge pressure to 100psi ***maximum***		
Checks OK to pump light on the pump panel		
Opens gated wye to charge and shut down fill lines, or operates discharge gate on pump panel to charge appropriate fill lines.		
Fills at least two engines and/ or tankers		
Shuts down when advised to do so		
Assures tank is full and engine is ready for service		

Comments _____

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Evaluator's Signature

Exercise 4: Rural Water Supply-Dump Site

Candidate: _____ Date: _____

Objective: To demonstrate the ability to participate in a water supply operation at a dumpsite.

Tasks	Proper	Improper
Positions engine to act as the supply pumper at the dump site		
Stops engine, transmission in neutral, sets parking brake		
Dons proper safety gear		
Places wheel chock in proper position		
Performs appropriate connection and setup procedures to draft from a portable tank		
Pulls appropriate line to supply attack engine		
Works with crew to ensure fill site is set up properly (*see Exercise 2 under Tanker preparation*)		
Obtains draft in accordance with Exercise 6A (*see above*)		
Charges supply line and pump line at proper pressures		
Shuts down when advised to do so		
Assures tank is full and engine is ready for service		

Comments

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Evaluator's Signature