



GOLDER RANCH FIRE DISTRICT

Engineer Practical Check Sheets

Engaging the Fire Pump with an Automatic Transmission

Standards:

NFPA 1010 Section 1002: 4.3.7, 4.3.8(B)

NFPA 1010 Section 1002: 5.2.4(1-4), 5.2.4(B)

Task/Performance Outcome:

The candidate shall be given the objective of placing a fire apparatus pumper with an automatic transmission in pump. Upon completing this objective, the fire service pumping apparatus shall be in pump gear, wheels chocked, and ready to supply water to given fire attack hose line(s).

Required Personal Protective Equipment (PPE):

Turnout Pants, Helmet, Gloves

Required Equipment:

- Type 1 Pumper

Critical Fail Criteria:

Failure consists of the following:

- Failure to complete any of the given tasks
- Failure to place wheel chocks prior to throttling truck
- Failure to refill on board water tank
- Cavitation of pump
- Failure to wear the required PPE
- Failure to keep accountability on the fire ground
- Failure to exit the apparatus safely and with three points of contact
- Glaring, gross errors, as documented by the evaluator
- An apparent lack of efficiency and comfort with the activity, as documented by the evaluator
- Less than 80% of available points scored

Evolution Details:

The candidate will be objective of placing a fire apparatus in pump gear using a type 1 pumper with an automatic transmission. The candidate will place the pumper into pump gear and place the apparatus in a ready state to supply water to fire attack hose(s).



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Candidate Name:	Date:	
Actions	Points Available	Points Earned
Addresses Accountability.	CFC	
Shift the transmission into neutral.	1	
Parking brake engaged.	1	
Operate the pump shift control lever from ROAD to NEUTRAL then to the PUMP position. (Pausing in the neutral position before shifting to the pump position)	1	
Ensure "pump engaged" light is illuminated.	1	
Shift apparatus transmission into "Drive". (confirm gear indicator displays 4 th gear and speedometer registers 10-15 mph)	1	
Ensures that "OK to Pump" light is on.	1	
Exit cab.	1	
Wheel Chocks placed prior to throttling up engine.	CFC	
Tank-to-pump valve opened.	1	
Throttles truck between 1000-1200 RPM prior to operating Primer.	1	
Operates Primer for a minimum of 3 seconds.	1	
Open the tank fill valve or recirculation valve to recirculate water until attack line(s) are ready to be supplied.	1	
Total Points (9/11)	11	

Evaluator: _____ Total: _____/11

Circle one:

Pass/Fail on points/Fail on critical criteria

Comments _____

