MONTGOMERY COUNTY FIRE AND RESCUE SERVICE
DRIVER/OPERATOR TRAINING PROGRAM

Practical **A**pplication **G**uide **S**heet

Brush Truck: Pump Troubleshooting

Candidate Performance Competency: The driver candidate will demonstrate the ability to assess and potentially correct three simulated pump failure situations.

Task	Value	Score
Pump Motor Will Not Start		
1. Verify electrical switches are in proper position and power is reaching the starter	9	
2. Verify fuel level and type in pump fuel tank	8	
3. Determine that the fuel pump and/or primer is functioning	8	
4. Cycle the choke to ensure proper function	8	
5. Remove the spark plugs and check for fouling and proper gap	8	
Pump Motor Starts, but Will Not Remain Running		
1. Verify the position of any override switches	8	
2. Check valve configuration; tank-to-pump is open and discharges are closed	8	
3. Verify fuel is reaching the motor; fuel filter, fuel level	9	
4. Verify proper air/fuel mix; choke disengaged, air filter clear	9	
Pump Motor Starts, but Water Pressure Fails to Build		
1. Check valve configuration; tank-to-pump open, discharges are closed, tank fill is closed	9	
2. Check strainer for blockage	8	
3. Verify the pressure gauge is functioning	8	
Total Points	100	

____ **PASS**   ____ **FAIL – Overall Points (<70%)**

_____   _____
Evaluator Name   **Date**

_____
Evaluator Signature