



**MONTGOMERY COUNTY FIRE AND RESCUE SERVICE
DRIVER/OPERATOR TRAINING PROGRAM**

Practical Application Guide Sheet

Brush Truck – Static Water Source

Driver Performance Competency: The driver candidate shall display proficiency in obtaining water from a static water source (pond, folding tank).

1. Select drafting site ensuring adequate water depth and accessibility. _____
2. Explain viable options to increasing water depth if necessary. _____
3. Stop brush truck and apply proper braking system. _____
4. Obtain hard sleeves, check gaskets, ensure that connections are airtight. _____
5. Choose appropriate strainer for hard sleeve – explain differences in the strainers. _____
6. Place hard sleeve in static water source – ensure that strainer is 18” off the bottom in static source; 2”-3” for folding tank. _____
7. Recheck all connections, drains and valves to ensure airtight. _____
8. Start pump. _____
8. Set engine RPM to speed that will allow for drafting. _____
9. Operate primer for no more than 20 seconds. Check for water/oil discharge from primer. If no change in vacuum gauge, re-check all connections, drains and valves for airtight. Exhaust Primer may be operated longer than 20 seconds. _____
10. Increase throttle setting prior to opening any discharges until pressure is between 50-100psi. _____
11. Open desired discharge valve slowly and observe discharge pressure. If pressure drops below 50psi – stop. Operate primer again if necessary if pressure continues to drop. _____
12. Set pump to desired pressure. _____
13. Setup and charge an unused line back into static water source to keep water circulating. _____

14. Monitor pump panel, maintain vacuum. Anticipate problems – troubleshoot if necessary. _____

15. To shut down operations – slowly decrease throttle to idle. Take pump out of gear and allow pump to drain. _____

16. Lubricate priming pump. _____

17. Back flush pump with clean water as soon as possible. _____