



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

Practical Application Guide Sheet

Hydraulic Rescue Tools

Candidate Performance Competency: The candidate will demonstrate proficiency in the use of manual and powered hydraulic rescue tools carried on the apparatus.

Task	Value	Score
1. Explain the principles of hydraulic tool operation.	9	
2. Identify the operating pressure of hydraulic rescue tool systems carried on the apparatus.	9	
3. Identify all manual and powered hydraulic tools carried on the apparatus and explain their operation and uses.	9	
4. Identify the operational capacities of each powered hydraulic tool.	10	
5. Identify the operational capacities of each manual hydraulic tool.	9	
6. Identify tool attachments and their uses and operation i.e. chains, bases and extensions.	6	
7. Explain the operational length of all hydraulic hoses on the apparatus.	8	
8. Explain the operation of all hydraulic power plants on the apparatus and their respective fuel or electric requirements to run.	9	
9. Explain the post-use, monthly and annual maintenance requirements of each hydraulic tool.	8	
10. Identify vehicle components and potential locations of vehicle safety devices, i.e. seatbelt pre-tensioners, airbag components, and why they should be avoided. (CFP)	8	
11. Assemble a tool staging area for door pop and dash roll operation.	9	
12. Set up a portable hydraulic power plant for operation with two tools.	6	
Total Points	100	

Critical Fail Points

Failure to successfully perform any of the following components will result in an automatic failure of this evolution regardless of total score.

- a) Inability to describe potentially hazardous vehicle components

Evaluator: Initial beside the final outcome of the exam below.

____ **PASS** ____ **FAIL – Overall Points** ____ **FAIL – Critical Failure Point**

Evaluator Name

Date

Evaluator Signature