



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

## Practical Application Guide Sheet

### Utility Control, Lock-out/Tag-out, and Atmospheric Monitors

**Candidate Performance Competency:** The candidate will demonstrate proficiency in the control of building utility services. The candidate will demonstrate knowledge and proficiency in the application of lock-out/tag-out during utility control. The candidate will demonstrate knowledge of atmospheric monitoring and associated equipment on the apparatus.

Task	Value	Score
<b>Utility Control</b>		
1. Identify the tools and equipment needed to control gas services.	5	
2. Demonstrate proper control of gas from the main service.	5	
3. Properly identify the tools and equipment required to control water service to a sprinkler head, sprinkler system, residential appliance, and water service in the street.	10	
4. Demonstrate proper control of water utilities as indicated by the evaluator.	10	
5. Demonstrate proper procedure for controlling a residential and commercial electric service.	10	
<b>Atmospheric Monitors</b>		
6. Identify all atmospheric monitors carried on the apparatus, the gases they monitor, and alarm levels for each gas.	10	
7. Identify the definition of PPM, LEL, and UEL.	10	
8. Identify the normal range for oxygen concentration.	5	
9. Explain when calibration is required on each atmospheric monitor.	5	
10. Explain when "bump testing" is required and describe proper procedure.	5	
<b>Lock-out/Tag-out (LO/TO)</b>		
11. Identify the tools and equipment carried on the apparatus capable of locking and tagging out electrical equipment.	5	
12. Lock out and tag out an electrical service as requested by the evaluator.	10	
13. Identify reasons for using LO/TO.	5	

Task	Value	Score
14. Demonstrate the correct use the volt probe to confirm that the electrical appliance has been properly is disconnected.	5	
<b>Total Points</b>	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) Failure to complete an utility control objective defined by the evaluator

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

\_\_\_\_\_ **PASS**    \_\_\_\_\_ **FAIL – Overall Points**    \_\_\_\_\_ **FAIL – Critical Failure Point**

\_\_\_\_\_  
**Evaluator Name**

\_\_\_\_\_  
**Date**

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\_\_\_\_\_  
**Evaluator Signature**