

Candidate: _____

Date: _____

Skill Drill ITRS-1-2
Fire Fighter II – Air Monitoring

Operate Photo Ionization Detector

Evaluator Instructions: The candidate shall be provided with a Photo Ionization Detector and various samples to monitor.

Task: Operate a PID.

Performance Outcome: The candidate shall be able to properly operate a Photo Ionization Detector to determining toxicity levels.

Candidate Directive: Utilize the Photo Ionization Detector and monitor the jars containing potentially hazardous items and provide results for each.

No.	Task Steps	1st Test		Retest	
		P	F	P	F
1	Check meter for necessary parts, Assemble and attach probe.				
2	Turn on meter by pressing on/off for 2-3 seconds and releasing.				
3	Allows meter to run through diagnostic check approx 30-45seconds.				
4	When meter displays Fresh Air Calibrate, in a clean air environment, press 'Yes'.				
5	Check meter for all sensors zeroed.				
6	Air sample designated chemical. Begin sampling closed container, sampling around container and around container lid.				
7	Open container and sample area above opening.				
8	Sample vapor space inside container.				
9	**If a reading is observed, immediately remove sampling probe and record sensor reading.				
10	**Candidate does not sample liquids with meter. Does not to place probe into liquid.				
11	Allow meter to off gas in fresh air.				
12	When sensors are back to zero , Shut meter off. Depress on/off until unit beeps and screen blanks out.				

Evaluator Comments: _____ Candidate Comments: _____

Evaluator

Date

Candidate

Date

Retest Evaluator

Date

Retest Candidate

Date