

phx42 Basic Operation Skill Mastery Documentation

Purpose: Monitoring Technician Training.

Required Tools: phx42 Manual, phx42, Charger, Probe, and Monitoring Handheld.

Instructions: Answers can be found in the phx42 User Manual – Start-up Guide section. Place your initials next to each item. Record written responses where indicated. When complete, sign and date. Documentation remains on-site. Email mmunguia@ldartools.com if you would like a copy of the answer key.

	Task	Initial
1.	Confirm that you have access to the phx42 Manual	
2.	Describe how you will confirm that you have the current version of the manual	
3.	ID the Bluetooth Antenna and Power Button	
4.	ID the Charging Port, the Charging Port Cover, and Tether	
5.	ID the Probe Port, the Hydrogen Cylinder, and H2 Quick Fill Cover	
6.	What must be attached prior to igniting the phx42? Answer	
7.	Unless prompted to remove, what should be on the end of your probe? Answer	
8.	Describe response to missing H2 Quick Fill Cover or Charging Port Cover:	
9.	What is the benefit of the Scrubber? Answer	
10.	ID the FID Exhaust	
11.	What does press and hold for 2 Seconds do? Answer	
12.	What does press and hold for 5-8 Seconds do? Answer	
13.	What does a Triple Tap do? (3 times) Answer	
14.	What does a Quad Tap do? (4 times) Answer	
15.	Which of these will power off the unit and should be avoided? Answer	
16.	Which of these is the standard end-of-day procedure? Answer	
17.	Describe proper care/carrying of sample probe.	
18.	When and why should you perform probe integrity inspections?	
19.	ID the two places that must be checked for dust/debris prior to H2 filling: Answer	
20.	After you attach the fill adapter to the Hydrogen port, what should you do? Answer	
21.	Should the unit be powered off when you are filling with Hydrogen? Answer	
22.	Describe the 1250 psi limit on the H2 supply display	
23.	When should the Hydrogen cylinder be filled? Answer	
24.	Describe consequences of contamination Answer	
25.	Other items may share a pocket with a phx42. True or False?	
26.	Where can you find the list of things that you can do to a phx42 for Normal Operations?	
27.	If a problem occurs and there is no Level 1 Tech on-site, what do you do? Answer	
28.	When should the phx42 be plugged in?	
Demonstrate the following:		
29.	Fill with Hydrogen	
30.	Connect to Charger	
31.	Turn Unit ON	
32.	Ignite the phx42 using the monitoring software	

Trainer Name

Trainer Signature

Date:

Technician Name

Technician Signature

Date: