

phx42 LEVEL ONE Repair Skill Mastery Checklist

Instructions: Answers can be found in the phx42 User Manual –Level 1 Repair Procedures section and H2 Fill Adapter Maintenance. 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.

Required tools: phx42 manual, phx42, and phx42 tool kit.

	Task	Initial
1.	Confirm phx42 Basic Operation Skill Mastery Checklist is completed.	
2.	Confirm 42App Skill Mastery Checklist is completed.	
3.	Identify all the tools in the phx42 tool kit (LDAR#4203). (pg 26)	
4.	Can you use a power driver to remove the lid? (pg 37)	
5.	What is accomplished by grasping the charging cap cable correctly (pg 12)?	
6.	Open the Unit (pg 37)	
7.	What must be done to the binding posts while removing/replacing the screws? (pg 37)	
8.	ID the Combustion Pump and the Sample Pump (pg 37)	
9.	How are the Combustion and Sample Pump different? (pg 42)	
	Answer	
10.	Id the FID Housing, Battery, and Motor Needle Valve (pg 37)	
11.	Where is the Glow Disk? (pg 39)	
12.	Demonstrate the Probe Integrity Inspection process (pg 27)	
13.	How often should the Probe Integrity Inspection be performed? (pg 27)	
14.	Why is the Probe Integrity Inspection necessary if we block the probe during Self-Check?	
15.	Describe how to remove and replace Battery (pg 41)	
16.	Describe how to remove and replace Pumps (pg 41)	
17.	Why would LDARtools RMA a unit for a pump replacement? (pg 41)	
18.	When does the scrubber filter media need to be replaced? (pg 38)	
19.	Describe how to replace the filter media . (pg 38)	
20.	Describe how to remove and replace the Glow Disk . (pg 39)	
21.	Describe how to remove and replace the Flame Arrestor Cap . (pg 39)	
22.	Describe how and when to service the O-ring on the H2 Fill Adapter .	
23.	How do you remove a broken probe tip filter from the Luer Lock end of the probe? (pg 37)	
24.	Where can you find the list of Level 1 Certified Operations? (pg 4)	
25.	Review the Requirements of a Level 1 Certification (pg 23)	
26.	Review the phx42 Level 1 Repair Tech Pledge (pg 24)	
27.	Take the online phx42 Level 1 Certification Test.	

Technician Signature:

Trainer Signature:

Date:

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