

Check list for the procedure of replacement of the argon cylinder

Date:_____ Time:_____ Name:_____

Step #	Action			Check
1	Check gas tightness of the cylinder valves			
2	Push BYPASS			
3	Identify depleted cylinder's side			
	Left(if left P<100psi)		Right(if right P<100psi)	
4	Turn arrow to right		Turn arrow to left	
5	Close valve #2		Close valve #3	
6	Close all 5 depleted argon cylinder's valves and the valves on the manifold		Close all 5 depleted argon cylinder's valves and the valves on the manifold	
7	Disconnect fittings from cylinders, remove the depleted cylinders, put cylinder valve caps back on		Disconnect fittings from cylinders, remove the depleted cylinders, put cylinder caps back on	
8	Replace the full argon cylinders, tighten the cylinder fittings and secure new cylinders		Replace the full argon cylinders, tighten the cylinder fittings and secure these new cylinders	
9	Open the cylinder valve one by one, leak check the cylinder fittings with the ResTek		Open the cylinder valve one by one, leak check the cylinder fittings with the ResTek	
10	Slow open the ventilation valve #1 to flush the air contaminated gas pipe for 2 seconds, then close		Slow open the ventilation valve #4 to flush the air contaminated gas pipe for 2 seconds, then close	
11	Open valve #2		Open valve #3	
12	Leak check the new cylinder fittings again		Leak check the new cylinder fittings again	
13	BYPASS buzz stopped?		BYPASS buzz stopped?	
14	Recorded on Gas system record book?		Recorded on Gas system record book?	
15	Empty cylinders capped? Secured on cart?		Empty cylinders capped? Secured on cart?	
Comment				

