

Check list for the procedure of replacement of the Isobutane cylinder

Date:_____ **Time:**_____ **Name:**_____

Step #	Action		Check
1	Check gas tightness of the cylinder valves		
2	Push BYPASS		
3	Open gas cabinet, read backup cylinder mechanical scale		
	If net weight < 1kg	If net weight > 1kg	
4	Close backup cylinder's valve, disconnect fitting from cylinder, remove the depleted cylinder	On the gas switchover panel close valves #1 and #2; open the valves #3 and #4	
5	Replace a full gas cylinder	Close the depleted cylinder valve, disconnect the fitting from cylinder, remove the depleted cylinder	
6	Open cylinder's valve, use ResTek to check gas tightness (should have no any detectable leak)	Replace a full gas cylinder on the platform of the digital scale, tighten the cylinder fitting. Make sure the cylinder is placed on the center of the platform	
7	Slowly open the ventilation valve #6 for 5 seconds to flush the inlet tube, then close valve #6	Open the cylinder valve, leak check cylinder fitting with the ResTek leak detector (no detectable leak)	
8	Go to right column Step #4 to continue ⇒	Slowly open ventilation valve #5 to flush the air contaminated gas pipe for 5 seconds, close valve #5	
9	Open valve #1, close valve #4		
10	Close valve #3, open valve #2		
11	Leak check new cylinder fitting again		
12	Close gas cabinet door		
13	BYPASS buzz stopped?		
14	Recorded on Gas system record book?		
15	Empty cylinders capped? Secured on cart?		
Comment			

