

## iSOC<sup>®</sup> System O & M Checklist

Step	Task	Corrective Action
1	<b>Check pressure setting on regulator.</b> Pressure should be set at 50 psi (3.4 bar) for water depths of less than 60 feet or 25 psi above the head of water for greater depths (33 feet of water = 14.7 psi and 10 m of water = 1 bar).	Turn gas regulator knob clockwise to increase desired pressure. Turn regulator knob counter clockwise and momentarily open purge valve on distribution header to reduce pressure.
2	<b>Check Gas Supply in Cylinder</b> Is the cylinder empty? Why? Is there a leak?	Use Snoop to test for gas leaks. Check all fittings; Repair gas leaks;
3	<b>How To Replace The Gas Cylinder</b>	Close iSOC <sup>®</sup> connection valves to trap gas; Quickly exchange cylinders. Re-open valves after changing gas bottle.
4	<b>Check iSOC<sup>®</sup> for flooding</b> (1) Submerge iSOC <sup>®</sup> in a bucket of water (2) Make sure tubing is ok. (3) Remove drain plug; (4) Is water in the tube above the iSOC <sup>®</sup> ? (5) Follow installation procedures and place iSOC <sup>®</sup> in bucket of water	(1) Should see 1-2 bubbles every 1-2 seconds coming from side of iSOC <sup>®</sup> . (2) Un-kink; check for damage/leak. (3) Should see bubbles in (1) above.
5	<b>Re-install the iSOC</b> (1) Connect tubing iSOC <sup>®</sup> Distribution Header and iSOC <sup>®</sup> (2) Close Two Stage regulator (3) Pressurize the system. (4) Open regulator (5) Submerge iSOC <sup>®</sup> in a bucket of water. (6) Place iSOC <sup>®</sup> in well.	(1) Set regulator at 50 psi (3.4) or compute head for water depths over 60 feet (18.3 m) (2) Look for 1-2 bubbles every few seconds.
6	<b>Check For Safety</b>	Secure gas cylinders and check for gas leaks.
7	<b>Do You Still Need Assistance?</b> Call iSOC <sup>®</sup> Representative	Discuss over the phone; Or iSOC <sup>®</sup> Rep may need to do site visit.