

Kirby Morgan®

Surface Supplied MOD-1

A2.4

Supervisors Equipment Checks Prior to Entry Into Water



NOTE

This checklist is intended to be used with the Surface Supplied MOD-1. The diving supervisor or person appointed by the diving supervisor should use this checklist as a minimum prior to deploying divers.



NOTE

Mask(s) being used in extreme environments will require inspection that is more frequent.

⚠ CAUTION

KMDSI strongly recommends the use of a Tender to assist the diver when “dressing-in”. Ensure the leading edge of the outer seal of the Hood is clear of the mask skirt.

The mask skirt should touch the diver’s face first and the hood outer seal will surround the face where the mask skirt stops.

⚠ WARNING

These are recommended minimum checks when using Kirby Morgan Surfaced Supplied MOD-1. Additional checks may be required as dictated by the conditions and tasks being performed. Failure to perform in-water checks may result in serious injury or death.

⚠ CAUTION

All surface supplied diving with Kirby Morgan Surfaced Supplied MOD-1 must include a fully functional, properly maintained Emergency Gas System (“EGS”). The EGS should be maintained in accordance with the applicable Modular Operations and Maintenance Manual(s).

Date: _____

Mask Serial Number _____

Regulator Pod Equipment Serial #: _____

1. Supply Gas

SUPERVISOR - CHECK THE FOLLOWING:

Procedures	Initials
1) SUPERVISOR: Ensure gas to the diver.	
2) Log the EGS cylinder pressure psig.	

2. Check Breathing System

DIVER - CHECK THE FOLLOWING:

Procedures	Initials
1) Open and close Defogger/Steady Flow Valve to ensure proper operation.	
2) Check breathing resistance, adjust Demand Regulator Adjustment Knob for minimum inhalation effort.	
3) Press Purge Button to check gas purge function.	
4) Ensure Nose Pinch Assembly is in place and secured properly.	
5) Ensure Emergency Valve opens and closes properly, then verify Emergency Valve is shut and the Bail Out Cylinder Valve is open.	

3. Check Communications

DIVER - CHECK THE FOLLOWING:

Procedures	Initials
1) Perform communications check.	

4. Check Entire Rig

TENDER - CHECK THE FOLLOWING:

Procedures	Initials
1) Soap and leak check Mask gas fittings and connections, including Emergency Gas System.	

5. Check Diver's Entire Rig



NOTE

All equipment must be adjusted properly and functioning correctly.


SUPERVISOR/TENDER - CHECK THE FOLLOWING:

Procedures	Initials
1) Ensure Mask is properly fitted to diver.	
2) Ensure Big Bore Supply Hose with one way valve is secured to main umbilical supply hose correctly.	
3) Diver's Safety Harness.	
4) Umbilical strain release.	

Procedures	Initials
5) EGS Hose Quick Disconnect is in locked position.	
6) Mask supply pressure, minimum 115 psig (8 Bar).	

6. Check Breathing

DIVER - CHECK THE FOLLOWING:

Procedures	Initials
<p>1) Check to ensure Mask is breathing properly.</p> <div data-bbox="142 919 228 1024">  <p>NOTE</p> </div> <p>The Mask must be breathing easily and properly.</p>	



All equipment must be adjusted properly and functioning correctly. The Mask must be breathing easily and properly.

Supervisor/Technician's Name (Print): _____

Supervisor/Technician's Signature: _____ Date: _____

Comments: _____

Multiple horizontal lines for writing comments.

KMDSI strongly recommends that a certified KMDSI Repair Technician make all repairs and that only genuine KMDSI repair and replacement parts be used. Owners of KMDSI products that elect to do their own repairs and inspections should only do so if they possess the knowledge and experience. All inspections, maintenance, and repairs should be completed using the appropriate KMDSI user guide and Operations and Maintenance Manual(s). Persons performing repairs should retain all replacement component receipts for additional proof of maintenance history. Should any questions on procedures, components, or repairs arise, please contact Kirby Morgan Dive Systems, Inc., by telephone at (805) 928-7772 or via e-mail at kmdsi@kirbymorgan.com, or contact Dive Lab, Inc., by telephone at (850) 235-2715 or via e-mail at divelab@divelab.com.



The Maintenance Log, Appendix 3, found in the Misc. Appendices checklists on the Kirby Morgan website, may be used as a template to create blank pages to record all the maintenance performed.