

**KMB 18/28 (BANDMASK)  
SUPERVISORS IN-WATER CHECKS  
APPENDIX A2.5**

08-01-17

**NOTE:** Mask(s) being used in extreme environments, will require more frequent inspection.

**NOTE:** During removal of components for inspection, O-rings and other consumable items may be reused, providing they are clean and a visual inspection does not reveal any damage or deterioration.

**WARNING:** These are recommended minimum checks when using Kirby Morgan Band Masks. 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. For air supply requirements, refer to Modular KMDSI O & M Manual.

**CAUTION:** All surface supplied diving with Kirby Morgan Band Mask(s) must include a fully functional, properly maintained Emergency Gas System (“EGS”). The EGS should be maintained in accordance with the Modular Operations and Maintenance Manual(s).

**WARNING:** If diving is conducted with less than the minimum recommended supply pressure, the diver must tailor the work to prevent exhaustion.

Date:
Mask Serial #:
Associated Equipment Serial #(s):
Technician (print name):

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STEP	PROCEDURE	INITIALS
1. Check Breathing	<b>Diver:</b> Ensure Mask is breathing properly. Adjust the Demand Regulator Adjustment Knob for easy inhalation. Report: Breathing OK	
2. Check Mask/Equipment for Leaks	<b>Diver:</b> Ensure Mask is watertight. <b>NOTE:</b> If the diver is wearing a dry suit, diver reports that a proper seal has been made after checking for water leakage.	
3. Maintain Gas Supply Over-Bottom Pressure <b>NOTE:</b> If the above over-bottom pressure cannot be supplied, the diver will have to tailor his workload to avoid exhaustion. <b>NOTE:</b> The Demand Regulator and Side Block Assembly have a maximum design pressure of 250 psig (17 bar) over-bottom.	<b>Console Operator:</b> Maintain minimum over-bottom gas supply pressure for depth (fsw x 0.445) + required over-bottom pressure for depth, in accordance with the applicable Modular O & M manual for the type of supply system and type of Demand Regulator in operation. Required over-bottom for depth: 0 - 60 fsw (0 - 18.3 msw), 90 psig (6.2 bar) 61 - 100 fsw (18.6 - 30.5 msw), 115 psig (7.9 bar) 101 - 132 fsw (30.8 - 40.2 msw), 135 psig (9.3 bar) 133 - 165 fsw (40.6 - 50.3 msw), 165 psig (11.4 bar) 166 - 220 fsw (50.6 - 67.1 msw), 225 psig (15.5 bar)	

Supervisor / Technician: Print \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

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**KMDSI highly** 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 KMDSI Modular 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](mailto:kmdsi@kirbymorgan.com), or contact Dive Lab, Inc., by telephone at (850) 235-2715 or via e-mail at [divelab@divelab.com](mailto:divelab@divelab.com).

**NOTE:** Use your Maintenance and repair log book P/N 125-001, to record all the maintenance performed.

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