

**KMB 18/28 (BANDMASK)  
POST DIVE CLEANING  
MAINTENANCE AND INSPECTION  
APPENDIX A2.6**

4-14-09

Post diving cleaning and inspection should be performed at end of daily diving operations or at least every 24 hours if in continuous use.

**NOTE:** Mask(s) being used in polluted waters, or 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.

**NOTE:** This cleaning and maintenance schedule is recommended to be performed on a **DAILY** basis.

**NOTE:** Detailed instructions are located in Chapter 5.

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

<b>PROCEDURES</b>	<b>INITIALS</b>
1. Secure and bleed down gas supplies.	
2. Disconnect and cap (or bag and tape) the Mask Gas Connections and disconnect the communication wires. Cap (or bag and tape) the Umbilical End.	
3. Wash the exterior surface of the Mask with a solution of mild detergent and fresh water, then rinse. Inspect for signs of damage.	

PROCEDURES	INITIALS
4. Dislodge the Earphones from their pockets in the Hood. Remove the Earphone protective covers, clean and rinse to allow to dry.	
5. Clean Hood Assembly. Rinse with fresh water and inspect for damage. Hang-up for drying or airing.	
6. Remove the Demand Regulator Clamp, Cover, and Diaphragm Assembly. Wash the interior of the Demand Regulator with mild detergent and fresh water, then rinse thoroughly.	
<b>NOTE:</b> While rinsing the interior of the Demand Regulator <b>DO NOT depress the Purge Button.</b> This action will introduce foreign matter into the Inlet Valve and Seat.	
7. Remove the Microphone from the Oral Nasal Mask. Avoid getting water on the Oral Nasal Mask, Microphone and Earphones.	
8. Wipe down interior of the Mask, including the Oral Nasal Mask with a mild detergent and fresh water solution. Thoroughly rinse with fresh water while cycling the Defogger Knob, Auxiliary Gas Knob (EGS) and Regulator Adjustment Knob. For sanitizing procedures, refer to "Appendix 5: Quick Sanitizing Procedure."	
9. Fully back out on the Regulator Adjustment Knob, counterclockwise (this will prolong the life of the Inlet Valve Seat). Shut the Auxiliary Supply (EGS) and Steady Flow Valves.	
10. Wipe all surfaces with a clean dry towel to remove water droplets. Allow to air dry.	
11. Cap (or bag and tape) the Emergency Gas Whip on the First Stage Regulator. Wash the exterior of all EGS components, the First Stage Regulator, the Gas Cylinder, the submersible pressure gauge, and the Harness Assembly with a mild detergent solution and rinse with fresh water. Hang-up Harness Assembly for drying or airing.	

Technician 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 appropriate KMDSI 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 [info@kirbymorgan.com](mailto:info@kirbymorgan.com), or contact Dive Lab, Inc., by telephone at (850) 235-2715 or via e-mail at [divelab@aol.com](mailto:divelab@aol.com).

**NOTE:** The Maintenance Log, Appendix 3, of the Operations and Maintenance Manual may be used as a template to create blank pages to record all the maintenance performed.