

CHECKLIST 2

G2000SS DIVING HELMET

PRE-DIVE CHECKLIST

BEFORE COMPLETING THIS CHECKLIST, THE DAILY CHECKLIST MUST BE COMPLETED. BEFORE DIVING THE G2000SS DIVING HELMET, THE PROCEDURES IN THIS CHECKLIST MUST BE COMPLETED.



NOTE: *The procedures in this checklist are to be performed only by personnel who have received appropriate training.*



NOTE: *Aqua Lung America strongly recommends that the diver be assisted by the tender or supervisor when preparing for diving and conducting the procedures in this checklist.*



WARNING: Aqua Lung America strongly recommends completion of this checklist and meeting the minimum requirements provided before using the G2000SS diving helmet. However, these requirements are not conclusive, as further steps may be required depending on the type of activity performed. **FAILURE TO COMPLY WITH THIS CHECKLIST MAY RESULT IN SERIOUS INJURY OR EVEN DEATH.**



CAUTION: When using the G2000SS diving helmet, a correctly maintained and serviceable emergency gas system (EGS) must also be used. The EGS must be confirmed as fully functional prior to diving .

COMPLETE THE FOLLOWING BOXES PRIOR TO THE CHECKLIST




COMPLETE THE SIGNATURE, DATE AND COMMENTS AT THE END OF THE CHECKLIST

Helmet Serial No:	Date:
Diver/Tender: (Print Name)	

PRE-DIVE CHECKLIST (continued)

ACTION	PROCEDURE	INITIALS
<p>SUPPLY GAS (must be completed by supervisor)</p>	<ul style="list-style-type: none"> • Supervisor must ensure the diver has sufficient breathing gas pressure supplied to the helmet for depth. 	
<p>BREATHING SYSTEM FUNCTION CHECK (must be completed by diver)</p>	<ul style="list-style-type: none"> • Ensure proper functioning of free flow valve by opening and closing the valve. • Check that breathing resistance is comfortable. • Ensure gas purge function by pressing in the purge button. • Ensure the bail out cylinder valve is closed. 	
<p>COMMUNICATION CHECK (must be completed by diver and communications operator)</p>	<ul style="list-style-type: none"> • Ensure the speakers and microphone are functioning correctly. 	
<p>CHECK DRY SUIT INFLATION HOSE (if applicable, must be completed by tender)</p>	<ul style="list-style-type: none"> • Ensure dry suit inflation valve and exhaust valve are functioning correctly. 	
<p>FULL HELMET CHECK (must be checked by supervisor)</p>	<ul style="list-style-type: none"> • Check all helmet gas fittings and connections for leaks. Check EGS for leaks. • Check adjustment or fit of entire helmet, including the divers safety harness, umbilical strain release, EGS hose quick disconnect, boots, gloves, knife and accessories. 	

PRE-DIVE CHECKLIST (continued)

ACTION	PROCEDURE	INITIALS
<p>EGS FUNCTIONAL CHECK (must be completed by diver and witnessed by tender)</p>	<ul style="list-style-type: none"> • Turn off the main breathing gas supply and breathe down the umbilical (free flow / exhaust valve may be used to assist). • Open EGS cylinder valve and take two breaths from the EGS supply. • Close the EGS cylinder valve. • Open main breathing gas supply. Diver reports: Breathing OK. <p> NOTE: After checking, the EGS cylinder valve must be shut <u>leaving the hose pressurized.</u></p>	
<p>CHECK DIVER'S ENTIRE RIG (must be completed by supervisor)</p> <p> WARNING: Both latch catches must fit into place correctly or the helmet may flood.</p>	<ul style="list-style-type: none"> • Check adjustment and fit of the entire rig, specific points: <ul style="list-style-type: none"> • Head liner secured inside the helmet shell. • Neck dam is installed. • Neck retainer secured with both locking catches (L and R) engaged on neck retainer. • Chin strap properly fastened. • Check adjustment and fit of the diver's safety harness. Umbilical strain release, EGS hose quick disconnect, boots, gloves, etc. • Ensure helmet supply pressure is at minimum 130 psig. 	
<p>FINAL BREATHING CHECK (must be completed by diver)</p>	<ul style="list-style-type: none"> • Check to ensure the helmet is breathing correctly with no complications. <p> NOTE: Ensure all equipment is properly adjusted and is properly functioning.</p>	

Signature: _____

Date: _____

Comments: _____

