

SCBA EMERGENCY BREATHING AIR COMPRESSOR (EBAC) CHECK SHEET

FOR USS _____

DATE: _____

- REF: (a) PMS 5519/017 EBAC
 (b) TECH MANUAL NAVSEA S6220-EV-MMO-010
 (c) PMS 5000/014 A-1 FLEX HOSE INSPECTION
 (d) PMS 5519/016 SCBA
 (e) PP-ISEA 06-02; NSWC Panama City Message 091156Z May 06
 (f) MIL-STD 1622B
 (g) DCRA 2009-4 BREATHING AIR QUALITY TESTING WATER VAPOR/DRAEGER

	IAW	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT
SERIAL NUMBER:					
A. BREATHING AIR COMPRESSOR (BAUER) AND CHARGING STATION:					
1. Are all nuts, screws, and fasteners tight on both units?	Ref (b)				
2. Are fluid levels being maintained IAW PMS on the Bauer compressor? (Fuel, diesel oil and compressor oil)	Ref (a) M-1R				
3. Is the compressor free of fluid leaks?	Ref (a) M-1R Ref (b)				
4. Are the drive belts free from damage and properly adjusted?	Ref (b) Ref (a) S-1				
5. Are all gages calibrated with calibration stickers installed on each gage? (Every 36 months) (Note: Gages require special handling and cannot be calibrated by the ships FCA or AIMD.)	Ref (a) 36M-2 Ref (e) Ref (f)				
a. If calibrated after 09 May 06, are all gages stenciled or engraved "SCBA"?	Ref (e)				
6. Are final stage and fill hose relief valves tested, tagged, safety wired and within periodicity? (Every 36 months) (final stage 4950 psig +/- 250 psig and the fill hose relief valve 4950 psig +/- 250 psig) (Note: Relief valves require special handling and cannot be tested by S/F or AIMD. The original relief valves installed by the OEM are not required to be tagged and safety wired. Compressor relief valves that have been retested, or they are older than 3 years from date of manufacture, shall have safety wires and tags installed.)	Ref (a) 36M-1 Ref (e) Ref (f)				
a. If tested after 09 May 06, are all relief valves stenciled or engraved "SCBA"?	Ref (e)				
8. Are all hoses free from damage and tagged with hose assembly identification tags?	Ref (a) A-3 Ref (c) A-1				
12. Do the manual drain valves cycle?	Ref (b)				
13. Is the CO/Moisture indicator Sat? (Note: Normal color is a blue strip with a yellow center. Pink and Brown are unsat color conditions.)	Ref (b)				
14. Is SCBA cylinder charging rack on station and in good working order?					
15. Is the charging system air quality test being conducted (quarterly)? Are the test results recorded on a log sheet IAW PMS?	Ref (a) Q-1R				
16. Are Air Quality Reports maintained for 3 years?	Ref (a) Q-1R				
17. Are operating instructions posted?					
18. Are proper warning signs posted? (Hearing and eye protection)	OPNAV 5100.19				
19. Are operating logs being maintained and hours of operation being tracked?	Ref (b)				
B. OPERATE THE COMPRESSOR:					
1. Start and operate.	Ref (a) M-2, Ref (b)				
2. Is the compressor, piping, valves, and hoses free of air and oil leaks?	Ref(a) M-2, Ref (b)				
3. Is the drive belt tension correct?	Ref (a) M-2, Ref (b)				
4. Does the compressor and the diesel engine sound and operate correctly?	Ref. (b)				
C. CHARGE A 45 MINUTE CYLINDER:					
1. Did the compressor charge a 45-minute SCBA cylinder in 15-18 minutes? Enter cylinder serial number in the block.	Ref (a) M-1R	S/N:	S/N:	S/N:	S/N:
a. Does the SCBA cylinder being filled pass visual inspection standards?	Ref (d) R-2				
2. Are there any air leaks in the charging station and charging hoses?	Ref (a) M-1R, Ref.(b)				
3. Did the compressor fill the 30-minute SCBA cylinder in 12-14 minutes?	Ref (a) M-1R Ref.(b)				
4. Complete an air quality test on each EBAC.	Ref (a) Q-1R				
a. Verify correct DRAEGER tubes are available and within expiration date? [See Table 1 below for correct part numbers. No substitutions are allowed.]	Ref (a) Q-1R				

