

SCBA EMERGENCY BREATHING AIR COMPRESSOR (EBAC) CHECK SHEET
FOR USS _____

DATE: _____

- REF: (a) PMS 5519/017 EBAC
 (b) TECH MANUAL NAVSEA S6220-EM-MMO-010
 (c) PMS 5000/009 FLEX HOSES
 (d) NSTM 077
 (e) OPNAV 5100 SERIES SAFETY MANUAL
 (f) PMS 5519/016 SCBA

	IAW	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT
SERIAL NUMBER:					
A. BREATHING AIR COMPRESSOR (BAUER) AND CHARGING STATION:					
2. Are all nuts, screws, and fasteners tight on both units?	Ref. (b)				
3. Are fluid levels being maintained IAW PMS on the Bauer compressor? (Fuel, diesel oil and compressor oil)	M-1				
4. Does the v-belt operate IAW PMS on the Bauer compressor? (Test during start-up)	Ref. (b)				
5. Is the charging system air quality being conducted (quarterly)? Are test results on and the results being filed in a designated binder?	Q-1R				
6. Are gauges calibrated with cal. Sticker?	18M-1R				
7. Are the relief valves tested and set with in periodicity? (1 st stage 116 psig +/- 6psig, 2 nd stage 725 psig +/- 36 psig, final stage 5000 psig +/- 250psig, and the fill hose relief valves 5000 psig +/- 250 psig)	36M-1				
9. Is the compressor free of fluid leaks IAW PMS?	Ref. (b)				
10. Are hoses hydrostatically tested with test tags attached and free from damage?	Ref: (c) MRC A-1				
11. Are operating instructions posted?					
12. Are proper warning signs posted? (Hearing and eye protection)	OPNAV5100 SERIES				
13. Are operating logs being maintained and hours of operation being tracked?	Ref. (b)				
14. Dose manual drain valves cycle?	M-1				
15. Is the CO/Moisture indicator element IAW ref. (b)? ? Check the CO/moisture indicator element for color change on the Bauer compressor and high-pressure filter assembly? Note: normal color is a blue ring with a yellow center.	Ref. (b), S-2R				
16. Is SCBA cylinder charging rack on station and in good working order?					
B. OPERATE THE COMPRESSOR:					
1. Start and operate EBAC IAW references (a) and (b).	Ref: (a) & (b)				
2. Is the compressor, piping, valves, and hoses free of air leaks?	Ref: (b)				
3. Is the drive belt tension correct?	M-1 Ref: (b)				
4. Are operating logs being maintained IAW the tech manual?	Ref: (b)				
5. Does the compressor and the diesel engine sound and operate correctly?	Ref. (b)				
C. CHARGE A 45 MINUTE CYLINDER:					
1. Does the cylinder pass PMS inspection requirements for filling? Enter cylinder serial number in the block.	R-2	S/N:	S/N:	S/N:	S/N:
2. Are there any leaks in the charging hoses?	Ref: (B)				
3. Does the cylinder pressure gage match the charging hose fill gage?	R-2				
4. Are charging station and hoses leak free?					
5. Does the compressor fill the SCBA cylinder? Filling time should be between 15 to 18 minutes?	Ref. (b)				
6. Is ship using cylinder charging rack?					
D. CONDUCT AN AIR QUALITY TEST:					
1. Was the air quality test with in PMS standards?	Q-1R				
- O2 (19.5 – 23.5pct) - Results ()		-()	-()	-()	-()
- CO2 (1000 ppm max) - Results ()		-()	-()	-()	-()
- CO (10 ppm max) - Results ()		-()	-()	-()	-()
- Oil (5 mg/m3 max) - Results ()		-()	-()	-()	-()
- Water Vapor (20 mg/m3) - Results ()		-()	-()	-()	-()

REMARKS:

