

**SCBA ELE COMPRESSOR AND CHARGING STATION CHECK SHEET**

FOR USS \_\_\_\_\_

DATE: \_\_\_\_\_

- REF: (a) PMS 5519/022 COMPRESSOR  
 (b) TECH MANUAL NAVSEA SS600-AR-MMA-010  
 (c) PMS 5000/009 FLEX HOSES  
 (d) NSTM 077  
 (e) SHIPS CRL  
 (f) OPNAV 5100 SERIES SAFETY MANUAL  
 (g) MESSAGE 191431 Z SEP03 Red hand settings  
 (h) PMS 5519/016 SCBA  
 (i) PMS 5000/ 013 RELIEF VALVES

	IAW	SAT/ UNSAT	SAT/ UNSAT
<b>SERIAL NUMBER:</b>			
<b>A. BREATHING AIR COMPRESSOR (BAUER) AND CHARGING STATION:</b>			
1. Is the air intake element clean and free of debris on the Bauer compressor?	Q-2R		
2. Are all nuts, screws, and fasteners tight on both units?	A-3		
3. Are fluid levels being maintained IAW PMS on the Bauer compressor?	M-1, Ref. (B) Table 2-3		
4. Does the v-belt operate IAW PMS on the Bauer compressor? (Test during start-up)	M-1, Ref. (B) Table 2-3		
5. Is the charging system air quality being conducted (quarterly)? Are test results on hand and the results being filed in a designated binder?	Q-1R		
6. Are gauges calibrated with cal. Sticker? (Note: calibration is required every 18 mos.)? Are the gage red hand settings correct? (1 <sup>st</sup> stage 75psi max, 2 <sup>nd</sup> stage 330psi max, 3 <sup>rd</sup> stage 1275psi max, 4 <sup>th</sup> stage 5100psi max and oil gauge red hand settings are 500psi min and 920psi max)	CRL Ref: (g)		
7. Are the relief valves tested and set with in periodicity? (1 <sup>st</sup> stage= 80psi +/- 4psig, 2 <sup>nd</sup> stage= 350psi +/- 18psig, 3 <sup>rd</sup> stage= 1300psi +/- 65psig, and 4 <sup>th</sup> stage= 5300psi +/- 150psig) (Note: this PMS does not cover flask relief valve and relief valve down stream of the regulator, use the 5000 series MIP set IAW ship prints and local diagram).	36M-1 5000/ 013 72M-1R		
8. Is the regulating valve set and tagged IAW the local system diagram? 4500psi.			
9. Is the compressor free of fluid leaks IAW PMS?	M-1, Ref (B) Table 2-3		
10. Are hoses hydrostatically tested with test tags attached and free from damage?	Ref: (c) A-1		
11. Are operating procedures posted?	Ship Spec and GSO		
12. Are proper warning signs posted? (Hearing and eye)	OPNAV5100 SERIES		
13. Is drive belt in good working order?	A-4R, Ref (B)		
<b>B. OPERATE THE COMPRESSOR:</b>			
1. Are all readings within parameters?	Ref: (B) Table 2-3 M-1		
2. Is the compressor and all piping free from air leaks?	Ref: (B) Table 2-3 M-1		
3. Does the compressor automatically secure and start as specified by the compressor tech manual?	Ref: (B) Table 2-3		
4. Are all belts tight?	A-4R Ref: (B)		
5. Are operating logs being maintained IAW the tech manual.	Ref: (B)		
6. Does the low lube oil safety shut down work?	BIW test procedure		
7. Does the water moisture indicator shut down work?			
<b>C. CHARGE A 45 MINUTE CYLINDER:</b>			
	5519/016		
1. Does the cylinder pass PMS inspection requirements for filling? Enter cylinder serial number in the block.	R-2	S/N: _____	S/N: _____
2. Are there any leaks in the charging hoses?	Ref: (B)		
3. Does the cylinder pressure gauge match the charging hose fill gage?	R-2		
4. Is the charging station and hoses leak free?			
5. Does the compressor fill the SCBA cylinder?	Ref. (b)		
6. Is ship using cylinder-charging rack?			
<b>D. CONDUCT AN AIR QUALITY TEST:</b>			
1. Was the air quality test within PMS standards? - O2 (19.5 – 23.5pct) Enter cylinder serial number in the block. - Results (_____) - CO2 (1000 ppm max) - Results (_____) - CO (10 ppm max) - Results (_____) - Oil (5 mg/m3 max) - Results (_____) - Water Vapor (20 mg/m3) - Results (_____)	Q-1R	- (_____) - (_____) - (_____) - (_____) - (_____)	- (_____) - (_____) - (_____) - (_____) - (_____)

