



**WRITTEN QUIZ**  
Procedures Handbook 4300

**SELF CONTAINED BREATHING  
APPARATUS (SCBA) TYPES &  
COMPONENTS**

NAME: \_\_\_\_\_

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

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	<b><u>POINTS</u></b>
1. List two general categories that SCBA are divided into. _____ and _____ circuit.	<u>4</u>
2. Name three parts of the face mask. _____	<u>4</u>
3. The _____ hose brings air from the regulator into the face mask.	<u>4</u>
4. What is the reason that the lower pressure hose is corrugated? _____	<u>4</u>
5. Name three dominant types of SCBA used by CAL FIRE. _____	<u>4</u>
6. What causes a face mask/lens to fog up? _____	<u>4</u>
7. The SCBA regulator used in the fire service must be a _____ system.	<u>4</u>
8. Name three parts of the harness and carrier assembly. _____	<u>4</u>
9. The round valve on your regulator is what color? _____ and is used to open what? _____	<u>4</u>
10. The audible alarm on a SCBA starts ringing in the _____ percent range of remaining air.	<u>4</u>
11. Once the audible alarm starts ringing it rings until how many pounds of air are left in cylinder? _____	<u>4</u>
12. List two different types of cylinders being used in the fire service _____	<u>4</u>



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13. A steel air cylinder is to be hydrostatically tested every \_\_\_\_\_ years \_\_\_\_\_ 4  
and the fully wound composite every \_\_\_\_\_ years
14. A low pressure air cylinder may be filled to the rated maximum of \_\_\_\_\_ 4  
\_\_\_\_\_ psi or \_\_\_\_\_ psi
15. When SHALL an air cylinder of a SCBA be changed? \_\_\_\_\_ 4  
\_\_\_\_\_

**POINTS POSSIBLE:** \_\_\_\_\_ 60

**POINTS DEDUCTED:** \_\_\_\_\_

**FINAL SCORE:** \_\_\_\_\_



	<b>KEY</b>	<b><u>POINTS</u></b>
1.	List two general categories that SCBA are divided into. <b>OPEN and CLOSED</b> REF. Tlp. pg. 2 sect. I, A-1&2	<u>4</u>
2.	Name three parts of the facepiece.  <b>FACE MASK LENS, EXHALATION VALVE, HEAD HARNESS OR SPIDER, SPEAKING DIAPHRAGM, NECKSTRAP, NOSE CUP, SPECTACLE KIT</b> REF. Tlp. pg. 12, 13 & 14, sect. II, F-1 thru 7	<u>4</u>
3.	The <b>LOW PRESSURE</b> hose brings air from the regulator into the face mask. REF. Tlp. pg. 9, sect. III, E-2a	<u>4</u>
4.	What is the reason that the lower pressure hose is corrugated? <b>TO PREVENT COLLAPSE OR CRUSHING</b> REF. Tlp. pg. 9, sect. III, E-2b	<u>4</u>
5.	Name three emergency incident's where SCBA should be used. <b>CONFINED SPACE OPERATIONS, OR STRUCTURE FIRES VEHICLE FIRES HAZMAT INCIDENTS DUMP FIRES AIRPLANE CRASHES/FIRES BELOW GROUND OPERATIONS</b> REF. Tlp. pg. 2, sect. II, B-1 thru 7	<u>4</u>
6.	What causes a face mask/lens to fog up? <b>HIGH HUMIDITY OF AN EXHALED BREATH OR HIGH HUMIDITY (STEAM) IN FIRE ROOM COLLECTS ON COOL LENS CAUSING INTERIOR OR EXTERIOR FOGGING</b> REF. Tlp. pg. 13, sect. III, F-c.(2)-d	<u>4</u>
7.	The SCBA regulator used in the fire service must be a <b>PRESSURE DEMAND</b> system. REF. Tlp. pg. 8, sect. III, D-2	<u>4</u>
8.	Name three parts of the harness and carrier assembly. <b>BACKPLATE CYLINDER LOCKING BAND CYLINDER CLAMPING LEVER</b> REF. Tlp. pg. 14, sect. III, G-2(a)-(1) thru (3)	<u>4</u>
9.	The round valve on your regulator is what color? <b>YELLOW</b> and is used to open what? <b>MAIN LINE VALVE</b> REF. Tlp. pg. 9, sect. III, D-3-(2) (a)	<u>4</u>



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10. The audible alarm on a SCBA starts ringing in the **25 PERCENT** range of remaining air \_\_\_\_\_ 4  
REF. Tlp. pg.7, sect. III, C-2-c.
11. Once the audible alarm starts ringing it rings until how many pounds of air are left in cylinder? **200 PSI** \_\_\_\_\_ 4  
REF. Tlp. pg. 8, sect. III, C-2-c. (4)
12. List two different types of cylinders being used in the fire service. \_\_\_\_\_ 4  
**STEEL CYLINDER COMPOSITE CYLINDER**  
REF. Tlp. pg. 4 & 5, sect. III, A-2-c.- (1) & (2)
13. A steel air cylinder is to be hydrostatically tested every **5** years and the fully wound composite every **3** years. \_\_\_\_\_ 4  
REF. Tlp. pg. 5, sect. III, A-2-c.-(1)(b) & (2)(c)
14. A low pressure air cylinder may be filled to the rated maximum of \_\_\_\_\_ 4  
**2015 psi 2216 psi or 3000 psi.**  
REF. Tlp. pg. 5, sect. III, A-2-d-(2) & (2) f.
15. When **SHALL** an air cylinder of a SCBA be changed? \_\_\_\_\_ 4  
**WHENEVER PRESSURE IS BELOW 10% OF CAPACITY**  
REF. Tlp. pg. 15, sect. IV, B-2-a.

**POINTS POSSIBLE** \_\_\_\_\_ 60

**POINTS DEDUCTED:** \_\_\_\_\_

**FINAL SCORE:** \_\_\_\_\_