

Written Quiz

SELF CONTAINED BREATHING APPARATUS (SCBA) TYPES & COMPONENTS

- | | <u>POINTS</u> |
|---|----------------------|
| 1. List two general categories that SCBA are divided into. and _____ circuit. | ____ 4 |
| 2. Name three parts of the face mask. | ____ 4 |
| 3. The _____ hose brings air from the regulator into the face mask. | ____ 4 |
| 4. What is the reason that the lower pressure hose is corrugated?
_____ | ____ 4 |
| 5. Name three dominant types of SCBA used by CDF. | ____ 4 |
| 6. What causes a face mask/lens to fog up?
_____ | ____ 4 |
| 7. The SCBA regulator used in the fire service must be a _____ system. | ____ 4 |
| 8. Name three parts of the harness and carrier assembly. | ____ 4 |
| 9. The round valve on your regulator is what color? _____ and is used to open what? | ____ 4 |
| 10. The audible alarm on a SCBA starts ringing in the psi range normally _____ minutes of air. | ____ 4 |
| 11. Once the audible alarm starts ringing it rings until how many pounds of air are left in cylinder? | ____ 4 |
| 12. List two different types of cylinders being used in the fire service. | ____ 4 |
| 13. A steel air cylinder is to be hydrostatically tested every _____ years and the fully wound composite every _____ years. | ____ 4 |

Written Quiz

- | | <u>POINTS</u> |
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| 14. A low pressure 30 minute air cylinder may be filled to the rated maximum of _____ psi. | ____ 4 |
| 15. At what pressure SHALL an air cylinder of a SCBA be changed? | ____ 4 |

POINTS POSSIBLE: 60

POINTS DEDUCTED:

FINAL SCORE:

Written Quiz - Key

SELF CONTAINED BREATHING APPARATUS (SCBA) TYPES & COMPONENTS

- | | <u>POINTS</u> |
|--|----------------------|
| 1. List two general categories that SCBA are divided into.
OPEN and CLOSED | ___ 4 |
| 2. Name three parts of the face mask.
FACE MASK LENS EXHALATION VALVE
HEAD HARNESS OR SPIDER, SPEAKING DIAPHRAGM,
NECKSTRAP, NOSE CUP, SPECTACLE KIT, LENS PIECE RING | ___ 4 |
| 3. The LOW PRESSURE hose brings air from the regulator into the face mask. | ___ 4 |
| 4. What is the reason that the lower pressure hose is corrugated?
TO PREVENT COLLAPSE OR CRUSHING | ___ 4 |
| 5. Name three dominant types of SCBA used by CDF.
MSA SCOTT SURVIVAIR | ___ 4 |
| 6. What causes a face mask/lens to fog up?
HIGH HUMIDITY OF AN EXHALED BREATH OR
HIGH HUMIDITY (STEAM) IN FIRE ROOM COLLECTS ON COOL
LENS CAUSING INTERIOR OR EXTERIOR FOGGING | ___ 4 |
| 7. The SCBA regulator used in the fire service must be a PRESSURE DEMAND system. | ___ 4 |
| 8. Name three parts of the harness and carrier assembly.
BACKPLATE CYLINDER BAND CYLINDER CLAMP | ___ 4 |
| 9. The round valve on your regulator is what color?
YELLOW and is used to open what? MAIN LINE VALVE | ___ 4 |
| 10. The audible alarm on a SCBA starts ringing in the 570 - 540 psi range normally 4-6 minutes of air. | ___ 4 |
| 11. Once the audible alarm starts ringing it rings until how many pounds of air are left in cylinder? 200 PSI | ___ 4 |

Written Quiz - Key

- | | <u>POINTS</u> |
|---|----------------------|
| 12. List two different types of cylinders being used in the fire service.
STEEL CYLINDER COMPOSITE CYLINDER | ___ <u>4</u> |
| 13. A steel air cylinder is to be hydrostatically tested every 5 years and the fully wound composite every 3 years. | ___ <u>4</u> |
| 14. A low pressure 30 minute air cylinder may be filled to the rated maximum of 2015 psi. or 3000 psi. | ___ <u>4</u> |
| 15. At what pressure SHALL an air cylinder of a SCBA be changed?
1800 PSI. | ___ <u>4</u> |

POINTS POSSIBLE: ___ 60

POINTS DEDUCTED:

FINAL SCORE: