Product Information News

November 15, 2011

FLOW TESTING THE PREMAIRE[®] CADET ESCAPE RESPONDER[®] RESPIRATOR

The following procedures should be used when flow testing the PremAire Cadet Escape Responder Respirator on a PosiChek3 tester

TESTING AS AN ESCAPE RESPIRATOR

NOTE: Use the same quick-connect flow test adapter that is used on the Firehawk® M7 Responder SCBA (P/N 10064120).

- 1. Depressurize the PremAire Cadet Escape Responder Respirator.
 - a. Close the cylinder valve.
 - b. Squeeze the shut-off buttons.
 - c. Open the bypass.
 - d. Close the bypass.
- 2. Disconnect the second stage regulator from the second stage hose assembly (Figure A).
- 3. The test manifold (P/N 10064120) will connect between the second stage regulator and second stage hose assembly (Figure B).
- 4. Connect both hoses to the test adapter (Figure C).
- 5. Connect the intermediate pressure hose on the PosiChek3 tester to the test manifold (Figure D).
- 6. Conduct PosiChek testing of the PremAire Cadet Escape Responder Respirator as an airline respirator using the escape cylinder as an air source.

NOTE: Depressurize the PremAire Cadet Escape Responder Respirator by following step 1 in this section.

- 7. Remove the PosiChek3 intermediate pressure hose from the test manifold (Figure E).
- 8. Remove the test manifold from the second stage hose assembly (Figure F).
- 9. Remove the test manifold from the second stage regulator (Figure G).
- 10. Connect the second stage regulator to the second stage hose assembly (Figure H).

TESTING AS A SUPPLIED AIR RESPIRATOR

NOTE: The flow test adapter does not need to be connected for this portion of the test.

- 1. Depressurize the PremAire Cadet Escape Responder Respirator.
 - a. Close the cylinder valve.
 - b. Squeeze the shut-off buttons.
 - c. Open the bypass.
 - d. Close the bypass.
- 2. Connect the supplied air hose on the respirator to an incoming air source of 80 +/- 10 psi with the appropriate fitting (Figure I).
- 3. Conduct PosiChek testing of the PremAire Cadet Escape Responder Respirator as an airline apparatus using the supplied air source of 80 +/- 10 psi.
- 4. Disconnect the supplied air source from the supplied air hose on the respirator.

NOTE: The PremAire Cadet Escape Responder Respirator must be function-tested prior to returning to service.

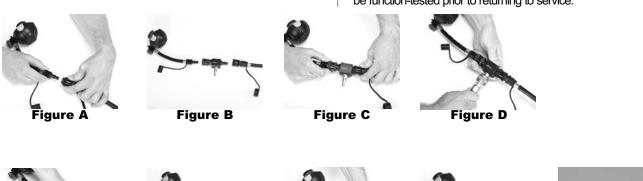






Figure G

Figure H



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