

# Product Information News

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## PREMAIRE® CADET ESCAPE RESPIRATOR FLOW TEST PROCEDURES

The following procedures should be used when flow testing the PremAire Cadet Escape Respirator on a PosiChek<sup>3</sup> Tester.

### TESTING AS AN ESCAPE RESPIRATOR

**Note:** Use PremAire Cadet Escape test manifold P/N 10075663.

1. Depressurize the PremAire Cadet Escape Respirator.
  - a. Close the cylinder valve.
  - b. Squeeze the shut off buttons.
  - c. Open the bypass.
  - d. Close the bypass.

2. Use an 11/16" wrench to remove the second stage regulator hose assembly from the cylinder valve assembly.



3. Install the female side of the test manifold (P/N 10075663) to the cylinder valve assembly and hand-tighten.



4. Install the female end of the second stage hose assembly to the male of the test manifold and hand-tighten.



5. Connect the test manifold assembly to the intermediate pressure hose on the PosiChek<sup>3</sup> tester.



6. Conduct PosiChek testing of the PremAire Cadet Escape Respirator as an airline apparatus using the escape cylinder as an air source.

**Note:** Depressurize the PremAire Cadet Escape Respirator by following step 1 in this section.

7. Remove the test manifold assembly from the intermediate pressure hose on the PosiChek<sup>3</sup> tester.



8. Remove the female end of the second stage hose assembly from the male of the test manifold.



9. Remove the female side of the test manifold from the cylinder valve assembly.



**Note:** Inspect the o-ring (P/N 63198) on the second stage regulator hose assembly and replace if necessary.

10. Use an 11/16" crowsfoot and in. lb. torque wrench to install the second stage regulator hose assembly to the cylinder valve assembly. Torque to 125 +/- 5 in. lbs.



For More Information, call 1-800-MSA-2222 or Visit Our Website at [www.MSAnet.com](http://www.MSAnet.com)

## TESTING AS A SUPPLIED AIRLINE RESPIRATOR

1. Depressurize the PremAire Cadet Escape 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.



3. Conduct PosiChek testing of the PremAire Cadet Escape Respirator as an Airline Apparatus using the supplied air source of 80 +/- 10 psi.

**Note:** Depressurize the PremAire Cadet Escape Respirator by following step 1 in this section.

4. Disconnect the supplied air source from the supplied air hose on the respirator.

**Note:** The PremAire Cadet Escape Respirator must be function tested prior to returning to service.