Inspecting, Donning, and Using SCBA

Format: Groups of up to 10 students (instructor guided)

Time Frame: 10 minutes

Description
This instructor-guided activity provides students with an opportunity to practice visually inspecting, donning, and using SCBA.

Materials
- Full turn out PPE and SCBA

Instructions
Demonstrate the following actions and have students mirror and then practice:
1. Visually inspect SCBA.
    - Ensure all components and parts are intact and damage free.
    - Check all straps for fraying or other damage.
    - Ensure straps are fully extended.
    - Ensure all buckles are in good condition.
    - Check cylinder hydro date and psi.
        - Must be 4000 psi or higher to be considered in service
    - Check face piece for cracked lens or frayed straps.
        - Ensure nose cup is present.
    - Ensure second stage regulator docking device is in good condition.
        - Clear tabs and latch channel.
    - Ensure bypass is closed and air saver switch is reset.
    - Open cylinder valve.
        - Listen for the audible alarm indicating PASS device is armed.
    - Compare cylinder psi to remote gauge.
        - Must be within approximately 100 psi of each other.
    - Keep SCBA still for 20 seconds.
        - PASS device should begin to pre-alarm.
        - Shake SCBA to reset PASS device.
    - Keep SCBA still for 30 seconds.
        - At 20 seconds, PASS device should pre-alarm.
        - At 30 seconds, PASS device should go into full alarm.
        - Shake SCBA and verify that PASS device full alarm does not reset with movement.
        - Reset PASS device using the (yellow) reset button on the remote gauge assembly.
    - Manually activate PASS device using (orange) button on the remote gauge assembly.
        - Reset PASS device using the (yellow) reset button.

2. Don and use SCBA.
    - Don face piece and check seal.
        - Clearly announce, "Good seal".
    - Connect second stage to mask.
        - Verify that it locks in.
    - Take a breath in.
        - Verify that "First Breath On" function works.
    - Open bypass to verify that it works.
        - Close bypass.
    - Compare HUD display with remote pressure gauge to verify they are in sync.
    - Hold breath.
        - Disconnect the second stage pigtail.
        - Connect the second stage pigtail to the EBS hose.
        - Verify that EBS and all connections are working.
        - Breathe.
    - Hold breath.
        - Disconnect thee EBS.
        - Reconnect the second stage pigtail to its hose.
    - Close cylinder valve.
    - SLOWLY breathe remaining pressure out of the system while comparing the HUD and remote pressure gauge drop together.
    - Ensure low-air audible alarm activates between 25%-20% (1125-900 psi) of cylinder pressure.
    - Bleed all pressure out of the system.
    - Reset air saver switch.
    - Reset PASS device.
    - Stow EBS hose and make SCBA and face piece ready for immediate use.

Key Talking Points

- When failure occurs in a hostile environment, if you are familiar with your SCBA unit you will be able to remain calm and provide a remedy to the situation while exiting the area.
- The most important rule to remember in the case of a malfunction or air depletion is to never remove the SCBA face piece. The face piece itself will afford you some protection to the face, eyes, and respiratory area while leaving the hazard area.