**SOP Reference: 2.03, 10.06**

1. **PPE Specifics**
   1. Full PPE shall be worn in accordance with Fire District policies and procedures on all incidents. The OIC may have the authority to dictate from that SOP if deemed necessary.
   2. PPE shall be issued by the Fire Chief or their designee to the Firefighter upon hiring. These items shall be compliant with NFPA standards. Those include:

Helmet x 1 (NFPA 1972)

Boots x 1 pair (NFPA 1974)

Gloves x 1 pair (NFPA 1973)

Coat x 1 (NFPA 1971)

Pants with appropriate suspenders x 1 (NFPA 1971)

SCBA Face piece x 1 (NFPA 1981)

Nomex hood x 1 (NFPA 1971)

One 15’ piece of webbing

* 1. No changes or alterations shall be made to any PPE without approval of the Fire Chief. These changes shall be in accordance with NFPA standards to be considered.
  2. Only Fire District purchased and approved PPE shall be worn on incidents apart from individually purchased leather fire boots which shall be NFPA compliant and approved by the Fire Chief.
  3. Upon completion of the Firefighter’s probationary period, the Fire Chief or designee shall assign another complete set of NFPA compliant gear to use as a spare set.
  4. High visibility traffic vests are assigned to each riding seat of a CTFD apparatus. These vests shall be worn during any incident on a roadway where vehicular travel is present. Refer to memorandum #9, Series 2023 for additional information.

1. **PPE Responsibilities**
   1. Once the above-mentioned PPE is assigned, the Firefighter shall sign for and be responsible for all assigned PPE until termination of employment. YOUR GEAR, YOUR LIFE.
   2. All PPE is to be kept in a clean and ready condition.
   3. PPE may be strategically placed on the apparatus or in the firehouse as directed by the Officer in Charge.
   4. All PPE is to be kept at the Firefighter’s assigned fire house except when transporting between fire houses.
   5. All PPE shall be kept in the Firefighter’s assigned locker or in an approved tote above the lockers.
   6. PPE shall not be stored on the apparatus bay floor while not on duty.
   7. All PPE shall be worn in accordance with the Fire District policies and procedures. Exceptions may be made by the OIC only.
   8. The Firefighter shall be signed off on the provided skill sheet on proper donning and doffing of PPE.
   9. After the Firefighter is assigned a portable radio, they may store the radio on an approved radio strap or in the radio pocket of their turnout gear.
      * + 1. The cord of the radio is not rated for extreme heat conditions.
          2. The Firefighter must place the radio and strap underneath the turnout coat and expose the mic at chest level through an opening of the jacket.
2. **Cleaning PPE**
   * 1. All PPE shall be kept in a clean, operable, and ready state at all times.
     2. Gross decontamination with a water source shall be done on scene of an incident after PPE is exposed to contaminants.
     3. PPE shall be brought back to the firehouse and prepped for washing.
     4. **\*Firefighter must place another set of PPE in service or be relieved of duty prior to completely washing PPE. \***
     5. Separate all PPE into outers and liners.
     6. Secure all Velcro, zippers, and snaps.
     7. Place up to (2) sets of liners or outers into the extractor.
     8. Do not wash liners with outers.
     9. Liners shall be turned inside out for optimal cleaning.
     10. DRD must be removed and washed in a mesh bag.
     11. Prepare the appropriate amount of soap per gear manufacture’s recommendation.
     12. Select the setting on the gear extractor for what is being washed.
     13. Wash all gear and hang on the gear dryer to air dry.
     14. Nomex hoods may be washed with liners.
     15. Most gloves must be hand washed, check manufacture recommendation.
     16. Helmet liners may also be removed and washed with liners.
     17. Helmet, SCBA mask and boots may be scrubbed with a mild soap and rinsed with water.
     18. Ensure all PPE is completely dry and assembled appropriately prior to placing it back in service.
     19. Please contact the company officer on duty with any questions.
3. **Lost or Damaged PPE**
   1. PPE shall be inspected prior to the start of duty to maintain readiness.
   2. Any damaged or lost PPE shall be immediately reported to the OIC.
   3. If any damage is revealed, the Firefighter should first try to repair minor defects.
   4. If PPE is beyond repair, it shall be taken out of service and the OIC shall see that the proper reports and forms are completed and forwarded to the Assistant Fire Chief.
   5. The Firefighter shall place a completed red “OOS” tag on the equipment and placed in a designated area by the OIC.
   6. The OIC shall replace the damaged or lost PPE until it can be found or repaired.

**All Probationary members shall pass the required skill check off sheet for donning Personal Protective Equipment issued by CTFD.**



**SOP Reference: 7.02, 10.07**

1. **SCBA Specifics**
   1. SCBA shall be denounced as the abbreviation for a Self-Contained Breathing Apparatus.
   2. CTFD is equipped with 3M™ Scott™ Air-Pak™ X3 Pro SCBAs.
   3. Each SCBA is complemented with a 3M™ Scott™ Vision C5 Facepiece with E-Z Flo C5 Regulator.
   4. Facepieces are distributed to each individual Firefighter upon hire.
   5. All SCBAs utilized by CTFD shall be kept and maintained with NFPA 1981.
   6. SCBAs shall be worn on any fire suppression incidents, fire alarms, vehicle fires, or hazardous material incidents until directed by the OIC to be removed.
   7. SCBAs are positioned appropriately on most CTFD apparatus for rapid deployment.
      * 1. (2) on each ambulance
        2. (4) on L-23
        3. (4) on R-23
        4. (4) on E-232
        5. (4) on E-233
   8. All SCBAs shall be stored with the cylinder valve in the closed position, along with the regulator being drained and the PASS device being disarmed.
   9. The Firefighter shall be responsible in training & maintaining comfortability of donning & doffing an SCBA.
   10. Skill check for SCBA donning & doffing shall be completed by the Firefighter & evaluated by the OIC or their designee.
   11. All members reporting for duty, upon receiving assignments from the OIC, shall perform the daily Airpack check for all Airpacks they may be required to wear on duty.
2. **SCBA Check**
   1. Cylinder Visual Check
      * 1. General Cylinder Inspection (dents, abrasions, etc)
        2. Cylinder Pressure (4500psi full, re-fill if below 4000psi)
        3. Cylinder Gauge (operational, lens cover loose or broke)
        4. Cylinder Valve (inspect for damage)
        5. High Pressure Connection (check for tightness)
      1. Regulator & Harness Visual Check
         1. High & Low Pressure Lines (any cuts, leaks, kinks or twists)
         2. Regulator Gauge (operational, external damage)
         3. Mask Mounted Regulator (operational, external damage)
         4. Air Click Buttons (free & operational)
         5. Purge Valve (closed & operational)
         6. Override & shutoff button (operational)
         7. Straps & buckles (external damage)
         8. PASS device (operational, external damage)
         9. Battery Pack (charged, external damage)
      2. Face Piece Visual Check
         1. Lens (No cracks or scratches, intact)
         2. Lens Seal Gasket (External damage, intact, no signs of dry rot)
         3. Hair Net & Straps (External damage and extended)
         4. Exhalation Valves (Clear & debris free)
      3. Operational Check
         1. Make sure all straps are fully extended and free of twists.
         2. Turn bottle all the way on.
         3. Listen for activation of low-pressure alarm and PASS device activation.
         4. Check regulator gauge with cylinder gauge.
         5. Check that Heads Up Display on regulator is operational.
         6. Turn bottle off.
         7. Bleed air down slowly.
         8. Listen for activation of the low air alarm around 1200 PSI.
         9. Allow PASS device to cycle through until alarm phase. (30 seconds motionless)
         10. Test operation of red “man down” button on PASS device.
         11. Double click both yellow buttons to shut off SCBA.
         12. Restore to assigned mounting bracket.
3. **SCBA Damages**
   1. If any SCBA is found in an inoperable condition, the OIC shall be notified immediately.
   2. Minor issues may be corrected by the Firefighter prior to notification of the OIC.
      * 1. Consult a fellow Firefighter for assistance if you are unsure of what to do.
   3. Issues shall be corrected according to manufacturer’s recommendation or SCBA manual.
   4. If SCBA batteries need to be changed, only Energizer Max AAs should be used.
      * 1. Be sure to only hand tighten battery component. Do not torque!
   5. If the SCBA needs cleaned, use a mild soap and clean water.
      * 1. Do not soak any component of the SCBA in water.
        2. Scrub with a fine bristled brush to remove any debris.
        3. Rinse thoroughly with water to ensure all soap is rinsed.
        4. Hang the SCBA up to dry. Do not place in direct sunlight.
4. **Breathing Air Compressor System**
   1. All operations of this system shall be in accordance with the Breathing Air Systems manual and specifications.
   2. CTFD & Breathing Air Systems is responsible for all maintenance and testing of the system.
   3. Any issues to the system shall be immediately reported to the OIC.
   4. A check sheet of the Breathing Air Compressor System shall be passed prior to operation.
   5. CTFDs Breathing Air System contains:
      * + 1. Two (2) Fill Stations for SCBA bottles.
          2. Four (4) 6000 PSI banks of stored air.
          3. One (1) Manual remote fill valve.
   6. System Operation: \*Please contact another Firefighter or the OIC if you’re unsure of operation. \*
      * 1. The compressor has an automatic shutoff at 6000psi.
        2. Verify compliant hydrostatic test dates & operating pressure of bottles to be filled.
        3. Place bottles in sleeves & attach fill line to bottle/bottles that need filled.
        4. Ensure bleed off valves are closed.
        5. Open the bottle valve all the way.
        6. Close fill station door.
        7. Set desired volume pressure for bottles being filed via the regulator.
        8. Open appropriate reserve bank.
        9. Open fill valve to fill no more than 500psi per minute.
        10. Once filled to desired psi, close fill valve & reserve bank.
        11. Open fill station door & shut bottles off at the valve.
        12. Bleed off pressure via bleed off valves.
        13. Unscrew and remove bottles from system.
        14. Reopen previously used reserve bank valve to refill supply.
        15. Ensure shut down of compressor after all reserve banks are full.