**South Central PA MRC – 2367**

**Personal Protective Equipment (PPE) Fit Testing Mission Set**

**Introduction:** The South-Central PA Medical Reserve Corps (MRC) provides services to the nine counties of South-Central Pennsylvania. This mission was sponsored by the Pennsylvania Department of Health (PADOH) and the Emergency Health Services Federation (EHSF). The South-Central Task Force (SCTF) MRC has 285 members: half of these members being medical professionals along with a dozen members as accredited Environmental Health Officers (EHO). Dr. Joseph A. Cocciardi is the Director, Dr. Tim Davis is the Chief Medical Officer, and Administrative Lead is Brittney Fuhrman, MPH.

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| **Mission Set Title:** PPE Fit Testing and Train the Trainer | | |
| **Resource Description**: Trained MRC teams will provide PPE fit testing and fit test site training to healthcare personnel for N95 use during the COVID-19 pandemic and provide resources including a best practices fact sheet on how to establish fit test and trainers program. | | |
| Resource Components: | | |
| **Personnel:** | **Type** (use NIMS Resource Typing if applicable) | **Licenses or Certifications Required?** (yes/no) if yes, list requirement. |
| The South-Central MRC is a type 3-4 local resource. The South-Central MRC is currently made up of 285 volunteers with a 12-person Leadership Team. | This Mission Set is overseen by Certified Industrial Hygienist (CIH). Items requiring a licensed healthcare provider are overseen by the Chief Medical Officer, an MD. |
| **Training Requirements:** | Individuals providing the medical review of the respirator users will be trained by the Chief Medical Officer.  Individuals providing N-95 fit testing and the train-the-trainer activities are qualified as described in the OSHA Standard 29 CFR 1910.134. | |
| **Equipment Required:** | **The equipment required for this mission set include the following:**   * Fit-testing kits * N-95 respirators of various styles (3M 1860, Cardinal N-95, Kimberly Clark, etc.) * Sanitation supplies ([List N](https://www.epa.gov/coronavirus/about-list-n-disinfectants-coronavirus-covid-19-0) 60% alcohol hand sanitizer) * Various sizes of gloves, laundry bags, and scrubs. | |
| **Deployment Timeline:** | Varies depending on the immediacy of the request. | |
| **Requirements for Rotation of Personnel:** | Shifts vary and depend on the needs of the location/facility. | |
| **Pre-Planning Considerations:** | **Space Requirements:** Open space with good ventilation and a private area.  **Support Requirements:** Completed medical questionnaires by every individual being fit tested. | |
| **Limiting Factors:** | Availability of fit testing equipment and N-95 respirators. | |

**Resources to support mission set development:**

* Specialized training
  + All individuals performing fit testing are qualified by 29 CFR 1910.134 Personal Protective Equipment-Respiratory Protection: <https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.134>
* Job Action Sheets
  + 29 CFR 1910.134 Appendix A Personal Protective Equipment-Fit Testing Procedures (Mandatory): <https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.134AppA>
* Just in Time Training
  + Train-the-Trainer (TTT) sessions are provided at the site to at a minimum of 2 personnel trained to be trained to fit test at their facility.
* Links to online training
  + Manufacturers’ videos of how to perform fit tests
  + Virtual Online Qualitative Fit Test Training: <https://safetytraining.3m.com/en/courses/7148O/>

\*A fact sheet will be developed detailing best practices developed for fit testing and train-the-trainer sessions that were performed during this mission. Our plan is to share this among all MRC units so they may also benefit from the best practices developed during this mission.