

**BY ORDER OF THE COMMANDER
375TH AIRLIFT WING**



**SCOTT AIR FORCE BASE
INSTRUCTION 48-103**

21 DECEMBER 2001

Aerospace Medicine

**RESPIRATORY PROTECTION PROGRAM
(RPP)**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements Air Force Policy Directive 48-1, *Aerospace Medical Program*; establishes procedures and assigns responsibilities for implementing the Air Force Occupational Safety and Health Standard (AFOSHSTD) 48-137, *Respiratory Protection Program*; applies to all organizational personnel who wear respiratory protection. A copy of this instruction, AFOSHSTD 48-137, and the individual workcenter operating instruction (OI) will be maintained in each workplace. This instruction applies to all base/tenant organizations.

SUMMARY OF REVISIONS

This instruction is revised to comply with AFOSHSTD 48-137, *Respiratory Protection Program*.

1. References.

- 1.1. 29 Code of Federal Regulations, 1910.134, *Respiratory Protection*.
- 1.2. AFOSHSTD 48-137, *Respiratory Protection Program*.
- 1.3. Technical Order 42B-1-22, *Quality Control of Compressed and Liquid Breathing Air*

2. General Information.

- 2.1. AFOSHSTD 48-137 is the basic AF guideline for the RPP. This instruction implements that standard and provides local guidelines.
- 2.2. There are few operations or maintenance procedures that require the use of a respirator under normal circumstances. Ordinarily, it is more practical and less costly to use process engineering controls, good work practices, or less hazardous materials to maintain employee exposures to airborne contaminants at acceptable levels. When this is not possible or while such controls are being implemented, the appropriate respirators may be used to protect employees.

3. Definitions. See AFOSHSTD 48-137 for definitions.

4. Responsibilities. Most responsibilities are defined in AFOSHSTD 48-137. The following responsibilities are specific to Scott AFB:

4.1. The Bioenvironmental Engineering Flight (BEF) will

4.1.1. Conduct all fit-testing and training, unless specified otherwise in this instruction,

4.1.2. Issue an AF Form 2772, **Certificate of Respirator Fit-Test**, to each trained and fit-tested individual,

4.1.3. Maintain master files of workplaces on the RPP,

4.1.4. Validate National Stock Numbers (NSN) assigned an Issue Exception (IEX) code "Y" semiannually with Base Supply to ensure all NSNs are protected; the BEF will accomplish and return this report to Demand Processing within 5 workdays,

4.1.5. Provide Demand Processing with a letter authorizing approved industrial workplaces to order respirators.

4.2. The Public Health Flight will maintain a current listing of personnel and associated workplaces monitored on the RPP.

4.3. The Fire Protection Flight will

4.3.1. Provide self-contained breathing apparatus (SCBA) training for emergency response and rescue personnel,

4.3.2. Send quarterly samples of breathing air to the Institute for Environmental Risk Analysis, Brooks AFB TX; contact the BEF to obtain sample number; provide analytical results to the BEF not later than 2 weeks after results are received.

4.4. The Chief of Contracted Supply Support, TeckStar, Inc., (TSI) will

4.4.1. Ensure respirators are only issued to industrial workplaces authorized by the BEF. This is accomplished by the assignment of an IEX code of "Y" for all respiratory protective devices, associated parts, and accessories,

4.4.2. All respirators and parts shall be ordered with advice code 2B to prevent substitution.

4.4.3. TSI will generate a spreadsheet containing all stock numbers with Stock Class 4240 for the BEF to conduct semiannual IEX code "Y" review in Mar and Sep; Demand Processing will be the point of contact for this code.

4.5. Supervisors of shops where respirators are assigned will

4.5.1. Ensure their workplaces are in full compliance with this instruction and AFOSHSTD 48-137,

4.5.2. Identify to Public Health all personnel who need initial and annual respirator wear training and fit-testing; annual training and fit-testing requirements shall be identified at least 1 month before training is due,

4.5.3. Provide employees with the exact BEF-approved respiratory protection, appropriate cleaning materials, and proper storage area for respirators when not in use,

- 4.5.4. Develop a workplace-specific OI based on AFOSHSTD 48-137, Attachment 15, Sample OI; coordinate through the BEF and conduct annual review,
- 4.5.5. Ensure respirators are worn and maintained according to the work center OI,
- 4.5.6. Obtain a copy of AF Form 2772 from the employee after fit-test and maintain with AF Form 55, **Employee Safety and Health Record**, or equivalent,
- 4.5.7. Call the BEF, 256-7307, as needed for information and guidance regarding respiratory protection matters. In case of emergency after duty hours, a BEF representative may be reached through the 375 MDG Emergency Room, 256-7595.
- 4.5.8. Shop supervisors will coordinate all respiratory protection requests with the BEF prior to ordering the item. Examples of requests include using a different manufacturer's respirator or using a powered air-purifying respirator in place of a nonpowered respirator.
- 4.6. Employee issued a respirator will
 - 4.6.1. Perform positive and negative pressure checks on the respirator prior to use,
 - 4.6.2. Ensure no conditions exist that prevent a good face seal (such as beard growth, sideburns, or the arms of prescription eyeglasses),
 - 4.6.3. Properly clean, disinfect, and store respirator after each use,
 - 4.6.4. Follow additional procedures as required in the workcenter OI.

5. Training and Fit-Testing.

- 5.1. All respirator wearers must be fit-tested at intervals set forth in AFOSHSTD 48-137.
- 5.2. Fit-testing is only valid for BEF-approved respirator make, model, and size.
 - 5.2.1. Prior to fit-testing, employees must complete an Occupational Safety and Health Medical Evaluation questionnaire that must be approved by a licensed healthcare provider.
 - 5.2.2. When the individual is medically qualified, the BEF will fit-test and train the worker. An AF Form 2772 will be issued and filed in the individual's training record. The BEF will maintain the original.
- 5.3. BEF will provide initial training to workplace supervisors and workers; provide annual training for workers and respirator maintainers. The shop supervisor will provide training for personnel that issue respirators (bench stock monitors).

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