



UNITED STATES MARINE CORPS

MARINE CORPS BASE
QUANTICO, VIRGINIA 22134-5001

MCBO 6260.1A
B 51
21 APR 1999

MARINE CORPS BASE ORDER 6260.1A

From: Commanding General
To: Distribution List

Subj: RESPIRATORY PROTECTION PROGRAM (RPP)

Ref: (a) 29 CFR 1910.134 (NOTAL)
(b) 29 CFR 1910.1025, Appendix D (NOTAL)
(c) OPNAVINST 5100.23D
(d) American National Standards Institute Standard
Z88.6-1984, Physical Qualifications for Respirator Use
(NOTAL)
(e) American National Standards Institute Standard
Z88.2-1980, Practices for Respiratory Protection
(f) National Institute for Occupational Safety and Health,
A Guide to Respiratory Protection (NOTAL)

Encl: (1) Certification of Respiratory Instruction and Fit
Testing
(2) MCB Form 6300/1 (EF), Request for Medical Clearance for
Respirator Use Questionnaire

1. Purpose. To prevent personnel from inhaling potentially hazardous concentrations of airborne materials released during operations for which engineering controls are not feasible or while such controls are being installed.

2. Cancellation. MCBO 6260.1.

3. Summary of Revision. This Order contains a significant number of changes and should be reviewed in its entirety.

4. Scope. This Order is applicable to MCB, Quantico civilian and military personnel and tenant activities. Contractor personnel performing work within the confines of MCB will be required to conform to all applicable requirements listed in the references.

5. Background. Per reference (a), the CG MCB requires that personnel be protected from occupational diseases caused by breathing air containing hazardous concentrations of harmful dusts, mists, fumes, fibers, gases, or vapors. Engineering control measures will be the primary means of hazard control, such as local exhaust ventilation or enclosures isolating the hazard. When effective engineering controls are not feasible or while they are being promulgated, control of personnel exposure will be accomplished

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by the use of respiratory protective equipment and/or limiting the duration of exposure.

6. Responsibilities

a. Director, Safety Division

(1) Provide management oversight for the RPP. Assign a Safety and Occupational Health Specialist as the Respiratory Protection Program Manager (RPPM).

(2) Ensure the development of training programs for users of respiratory protection equipment in conjunction with the Head, Occupational Health/Preventive Medicine Department (OH/PM Dept), Naval Medical Clinic (NMCL).

b. Respiratory Protection Program Manager

(1) Provide training facilities and training equipment. Conduct fit tests during training sessions and advise individuals of equipment limitations.

(2) Coordinate with NMCL/OH/PM to recommend respiratory protection, based on the toxicity and type of substances being used, as well as the particular operation involved.

(3) Maintain records of respirator protection training.

(4) Complete enclosure (1) and forward a copy to the Occupational Health Nurse, NMCL, at the completion of an individual's respiratory training.

(5) Issue Respiratory Protection Training Certificate Cards, enclosure (1), to employees who successfully complete training.

(6) Maintain current lists of personnel who are trained and medically qualified to use respiratory protection equipment, and provide the list annually to affected division directors.

(7) Conduct annual inspections of respirator maintenance and inspection logs and submit results in writing to responsible organizations.

(8) In coordination with the NMCL/OH/PM resolve problems that may arise concerning the requirements of this Order.

(9) Evaluate the RPP annually and provide findings to the Director, Safety Division.

c. Head, OH/PM Dept, NMCL

(1) Perform industrial hygiene surveys and provide guidance to the RPPM on those areas where respiratory protection is required.

(2) Develop and administer comprehensive medical examinations for those personnel required by the RPPM to wear respiratory protection and provide written notification to the RPPM of the employees who are medically qualified to wear respirators.

(3) Assist the RPPM in the development of training criteria and the conduct of required training.

(4) Provide technical assistance to the RPPM concerning the proper selection and use of respiratory protection.

(5) Make a final determination on each individual's medical ability to wear a respirator, per references (c) and (d).

(6) Provide an updated list of names of medically qualified personnel semiannually, to the RPPM, via Director, Safety Division.

(7) Ensure the air quality of breathing air systems are periodically monitored per reference (c) and this Order.

d. Commanding Officers, Division Directors, Officers in Charge, and Supervisors

(1) Issue respirators to employees and ensure maintenance and inspection requirements are met, per this Order.

(2) Coordinate with the OH/PM Dept, NMCL for the scheduling of respiratory protection medical surveillance, by completing MCB Form 6300/1 (EF), Request for Medical Clearance for Respirator Use Questionnaire, enclosure (2).

(3) Schedule respirator training with the RPPM.

(4) Ensure that only personnel who possess a Respiratory Program Training Certificate Card are assigned tasks requiring the use of respiratory protective equipment.

(5) Ensure that all personnel identified by the RPPM as requiring a respirator to perform their duties are medically qualified, trained, fit tested, and certified to wear respirators.

(6) Ensure that the RPP requirements are adhered to by all personnel in the program.

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(7) Request advice from the NMCL/OH/PM and the RPPM on respiratory protection requirements for jobs where respiratory protection has not been specified, but where the supervisor believes it may be needed.

(8) Inspect work sites and ensure that respiratory protective equipment has been issued and is being used per the requirements of this Order.

(9) Ensure that personnel required to wear tight-fitting respirators to perform work operations do not have facial hair in the respirator sealing surface when they are training, or while wearing respirators on the job.

(10) Disqualify any individual who does not meet or follow the requirements of this Order from wearing respiratory protection until adequate measures have been taken to ensure all aspects of this Order have been/will be followed by that individual.

(11) Administrative action will be taken as necessary to ensure compliance with all aspects of this Order.

e. Individual Users of Respiratory Protective Equipment

(1) Use all respiratory protective equipment per the requirements of this Order including issuance, maintenance, inspections, and storage requirements. Failure to do so may result in appropriate administrative action.

(2) Report unusual conditions, conflicts at work sites, or observed violations of the requirements of this Order to your supervisor for resolution. Upon receiving such a report, supervisors should contact the RPPM for guidance, if necessary.

7. Selection of Respirators

a. All respiratory protection equipment will have current National Institute for Occupational Safety and Health (NIOSH) approval. To ensure that all parts furnished are approved, i.e., they are identical to those in the original model; filters and cartridges will be purchased from the same manufacturer who supplied the original respirator to ensure continued integrity of the respirator. Respirators purchased for special projects or purposes will be approved by the RPPM prior to purchase.

b. Respirators will be selected on the basis of the nature of the hazard to which the workers are exposed. For example:

(1) The physical state (type) of the contaminant (dust, fume, mist, fiber, gas, or vapor).

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(2) The relative toxicity of the contaminant.

(3) The possibility that more than one air contaminant in different physical states may be involved.

(4) The anticipated airborne concentrations and physical area in which the hazard exists.

(5) The warning properties of the contaminant.

(6) The established permissible exposure.

(7) The physical restrictions of the work area.

(8) The protection factor associated with each type of respirator.

(9) The oxygen deficiency or immediately dangerous to life and health (IDLH) atmospheres.

c. Factors concerning the hazardous operation or process which will be taken into account for selecting the proper respirator include but are not limited to:

(1) Operations of process characteristics.

(2) Work area characteristics.

(3) Materials including raw materials, end products, and by-products (actual and potential).

(4) Worker's activities.

d. The correct respirator will be specified for each applicable job, either by the supervisor and/or in written work procedures. Respiratory protection requirements for all new or revised processes will be determined during the review of such processes by the RPPM with the assistance of the OH/PM Dept, NMCL.

e. Logistics Division personnel engaged in supplying respirators will be adequately trained to ensure that the correct respirator is supplied. In cases of uncertainty, assistance will be sought from the RPPM.

f. References (e) and (f) contain information concerning selection of proper respiratory protection.

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8. Use of Respirators

a. Respirators will be used as issued. No modifications or substitutions to issued equipment will be permitted. Any modification, no matter how slight, will result in voiding of respirator approval, and will potentially compromise the effectiveness of the respirator. Personnel making unauthorized alterations or deliberate damage to a respirator will be subject to administrative action.

NOTE: Changing filters/cartridges on a respirator does not constitute modifying the respirator.

b. A respirator will be used only by the person to whom it was issued.

c. Each respirator will be inspected for integrity before use, at least monthly, by the user. A log will be maintained by the user and initialed by the immediate supervisor. If the respirator is found to be defective, it will be immediately removed from service, and either returned to the manufacturer for repair, or properly disposed.

d. The individual using a filtered element respirator will change the filters whenever an increase in breathing resistance is detected. When using cartridges, they will be changed when odor, taste, or irritation effects of the substance are detectable or persistent. The individual will be provided an adequate supply of filters and/or cartridges for this purpose.

e. Personnel using respiratory protection will be instructed to leave the work area if odor of a contaminant is detected, or if difficulty in breathing is encountered. If individuals experience physical symptoms, they will notify their supervisor and be referred to medical personnel immediately.

f. Personnel who wear respirators will be permitted to leave the regulated area to wash their faces and respirator face-pieces whenever necessary to prevent skin irritation associated with respirator use.

g. Two or more different jobs which both require respiratory protection may be worked simultaneously in an area, provided the level and type of respiratory protection worn is adequate for all of the airborne contaminants, and the concurrent work does not create additional hazards. Concurrent work is not permitted in asbestos abatement work areas.

h. Employees required to support, assist, or supervise a job requiring respirator usage will wear the proper respiratory protection in the work area. Shops which support or assist work efforts

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requiring the use of respirators must have personnel medically qualified, trained, and certified to wear them.

i. No employee will be assigned to tasks requiring the use of respirators if, based upon their most recent medical evaluation, an examining physician determines that the employee will be unable to function normally wearing a respirator or that the safety or health of the employee or other employees will be impaired by the use of a respirator.

9. Respirator Fit

a. The RPPM will ensure that the respirator issued to the individual exhibits the least possible face-piece leakage and that the respirator is fitted properly.

b. Proper respirator fit will be assured, by the wearer, by performing both positive and negative fit checks each time the respirator is worn.

(1) Positive Pressure Method (Cartridge, Filter, or Canister Respirator). With the respirator in place, the palms of the hands will be placed lightly over the exhalation valve cover, and the individual will exhale lightly. When the individual exhales, the respirator should inflate by creating a pressure within the mask without detecting air flowing pass the face-piece facial sealing surface.

(2) Positive Pressure Method (Tight-Fitting Atmosphere-Supplying Respirator). With the respirator in place, the individual will completely close the open end of the breathing tube hose. When the individual exhales, the respirator should inflate by creating a pressure within the mask without detecting air flowing pass the face-piece facial sealing surface.

(3) Negative Pressure Method (Cartridge, Filter, or Canister Respirator)-. With the respirator in place, the palms of the hands will be placed so that the cartridge, filter, or canister inlet opening(s) is(are) completely covered. When the individual inhales, the respirator should collapse against the face without detecting air flowing pass the face-piece facial sealing surface.

(4) Negative Pressure Method (Tight-Fitting Atmosphere-Supplying Respirator). With the respirator in place, the individual will close the open end of the breathing tube hose until it is completely closed. When the individual inhales, the respirator should collapse against the face without detecting air flowing pass the face-piece facial sealing surface.

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c. Tight-fitting respirators will not be worn when a condition, such as a beard or sideburns, prevents a good face seal. This condition is deemed to exist when more than one day's growth of beard comes in contact with the sealing surface of the respirator or the respirator's inhalation/exhalation valves.

d. Individuals with corrective lenses will not be permitted to wear full face-piece tight-fitting respirators where the temple bars interrupt the respirators sealing surface. It is the responsibility of the individual's division to purchase and provide individuals with special spectacles with short temple bars that will not interrupt the respirator facial seal. Such spectacles must be used in conjunction with the spectacle kits issued with the spectacles. The individual's unit will provide the corrective lenses which are inserted into the short temple frames.

10. Respirator Limitations

a. The respirator must be matched to the hazard.

b. The degree of protection must exceed the maximum airborne contaminant concentration. Respiratory protection is not required if airborne contaminants do not exceed current permissible exposure limits if applicable; however, it will be made available to any individual who so desires, so long as the individual is currently trained and certified in the respiratory protection program and has been medically qualified.

c. Atmosphere supplying respirators are required for airborne contamination where purifying types are inadequate in providing sufficient protection.

d. The correct respirator will be specified for each type of exposure by the RPPM with technical guidance from the OH/PM Dept, NMCL.

e. No individual will be required to wear a negative pressure respirator longer than 4 hours per day in work situations where engineering and work practice controls are not sufficient to reduce exposures to or below the permissible exposure limit of the substances the individual is being protected from and whenever an individual requests a respirator.

11. Prohibited Uses

a. Air-purifying respirators will not be used for the accomplishment of work in the following environments:

(1) Tanks or voids untested by a gas free engineer.

(2) Oxygen deficient atmosphere.

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(3) Atmospheres immediately dangerous to life or health.

b. Individuals will not use personally owned and maintained respirators which were not issued in the performance of MCB work.

12. Emergency Use of Respirators

a. Access to life threatening areas is limited to emergency response personnel only. Emergency rescue efforts should never be initiated by untrained personnel. Such areas must be ventilated and tested to ensure safe conditions prior to entry by other than trained rescue personnel. Strict observance of this regulation is critical to preventing injury, or death, to would-be rescuers.

b. Areas suspected to have atmospheres containing unknown contaminants, concentrations, or oxygen deficiency will be considered IDLH. The only respirators permitted for entry are positive pressure self-contained breathing apparatus (SCBA) or positive pressure supplied-air respirators with an auxiliary self-contained air supply.

c. When respirators are required for entry into IDLH atmospheres, at least one standby person will be present in a safe area. The standby person will have the proper equipment available and will be properly trained in first aid and cardiopulmonary resuscitation (CPR) to assist the respirator wearers in case of emergency. Communication will be maintained between the standby person and the respirator wearers.

13. Disposable Respirators

a. Disposable respirators will not be worn by MCB personnel, except as permitted in paragraph (13b), below.

b. Disposable respirators, approved by NIOSH, may be used by personnel performing the following operations:

- (1) Grass cutting and trimming.
- (2) Air conditioning unit filter replacement.
- (3) Emergency Medical Services.

MCB personnel are not permitted to wear a disposable respirator for any other operation without written approval from the RPPM.

c. Disposable respirators used for respiratory protection at MCB will meet the following criteria unless variations are specifically authorized in writing from the RPPM.

(1) The respirators will have inhalation and/or exhalation valve(s).

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(2) The respirator must have NIOSH approval for the stressor(s) it provides protection against; additionally, the manufacturer cannot issue a disclaimer for improper protection of the wearer against any stressor(s) the respirator protects against.

d. Personnel wearing disposable respirators must comply with all requirements of this Order, i.e., must be medically qualified and trained to wear respiratory protection, unless authorized, in writing, by the RPPM. No personnel may wear these type of respirators when facial hair or similar conditions interrupt the respirator face-piece sealing surface in any way.

14. Respiratory Protection Support Systems and Equipment

a. Air Quality Standards and Requirements

(1) Compressed air for breathing purposes will be Grade D or better as specified in references (c) and (e).

(2) The air quality standards and testing requirements which are listed in reference (e) will apply to any source of compressed breathing air, i.e., portable breathing air compressors, backup breathing air systems, compressed breathing air cylinders, etc.

(3) Samples of compressed breathing air will be conducted before initial use and thereafter as stated in paragraph 14a(4).

(4) Fixed and portable oil lubricated compressed breathing air systems will be air sampled quarterly. Fixed and portable non-oil lubricated compressed breathing air systems will be air sampled semiannually. A self-adhesive sticker will be placed on each compressor with the name of the person certifying that the compressor provides Grade D breathing air and expiration date of that certification. Certification stickers will be updated by trained and authorized personnel only. All compressed breathing air systems will be sampled and recertified upon completion of maintenance on any component.

(5) Units/activities will contract for collection of air samples for compressed breathing air systems, when such systems are used. Air samples for all compressed breathing air systems will be collected and analyzed using the techniques prescribed by a certified laboratory. The air quality of all such samples must conform to the criteria of references (c) and (e). All sample results will be provided to the RPPM, via Director, Safety Division for record-keeping purposes.

(6) The RPPM will provide a copy of the air sample analysis reports to the OH/PM Dept, NMCL and to the user shop for informational purposes, upon request.

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(1) Compressors used to provide breathing air will be equipped with necessary safety and standby devices. A breathing air-type compressor will be used. Compressors will be constructed and situated so as to avoid entry of contaminated air into the system and suitable in-line air-purifying sorbent beds and filters installed to further assure breathing air quality. A receiver of sufficient capacity to enable the respirator wearer to escape from a contaminated atmosphere in the event of compressor failure, and alarms to indicate compressor failure and overheating will be present in the permanently installed systems. If an oil-lubricated compressor is used, it will have both high temperature and carbon monoxide alarms. The carbon monoxide shutdown alarm will be set at 5 to 10 parts per million. It will be calibrated and/or tested prior to each use.

(2) Breathing air compressors will be capable of supplying a sufficient air flow to the respirator used, i.e., 4 cubic feet per minute to tight-fitting air line respirators, and 6 cubic feet per minute to loose-fitting air line helmets or hoods.

(3) Personnel using breathing air compressors and associated distribution systems will be trained on the operation and use of these units by the manufacturer prior to their use.

(4) Breathing air compressors, high temperature alarms, carbon monoxide alarms, filters, and associated equipment and systems will be maintained and calibrated, as necessary, per manufacturer's recommendations. Respirator users will be trained by the manufacturer to calibrate alarms.

(5) Individual shop users will be responsible for servicing and maintaining portable compressed breathing air and distribution systems. A maintenance service record label will be attached to each unit.

(6) Each portable compressed breathing air and distribution system will be inspected and serviced by the users' shop at intervals not greater than 30 days. A log will be maintained to document inspection and service.

c. Breathins Air Lines

(1) Only a breathing air line hose which meets the non-kinking requirements of reference (e), has NIOSH approval, and is compatible with the respirator being used per reference (a), will be used in conjunction with air line respirators.

(2) Breathing air line hoses will be protected from damage, or placed to avoid damage (cutting, kinking, crushing, or burning).

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Air line hoses will be arranged to prevent tripping and to permit ready access/exit to the work area. When not in use, ends of breathing air line hoses will be connected together or taped to avoid interior contamination.

(3) Breathing air line hoses (connecting the respirator to the pressure regulator) will be identified by tags or labels placed every 2 feet on the hose. The tags or labels will state "breathing air only."

(4) Per reference (a), only 3/8 inch inner diameter breathing air line hose, in 50 foot lengths not to exceed 300 feet, will be used with air line respirators. This hose and the air line filter and pressure regulator system will use the manufacturer's fitting and these fittings will be incompatible with outlets for other gas systems to prevent inadvertent servicing of air line respirators with oxygen and nonrespirable gases.

15. Posting Controlled Areas

a. All work areas found to require respiratory protection will be posted with signs stating the type of respiratory protection that must be worn.

b. The shop performing the work is responsible for posting the work area and for removal of the signs upon completion of the work. If more than one trade is involved in a single operation, the designated lead shop will control the posting. If two or more concurrent operations are being conducted by different lead shops, all lead shops will be responsible for the coordination of posting areas.

c. Posting will be removed upon completion of work only by the shop(s) performing the work.

d. No person will enter a posted area without complying with the respiratory protection requirements.

e. Administrative action may be imposed on persons knowingly violating posted requirements, tampering with signs, or removing signs.

16. Surveillance of Work Areas. Supervisors who assign personnel to operations requiring the use of respiratory protection, or a designated working leader, will inspect the operation every 8 hours, minimally, to ensure conditions and degree of exposure have not changed as well as compliance with this or other applicable directives. If a doubt exists as to the degree of exposure or adequacy of the respirator provided, the RPPM will be consulted immediately.

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17. Resolution of Problems. Problems related to safety and health aspects of this program will be referred to the RPPM. Such problems might include health aspects of training, proper selection of respirators for any particular task, approval of respirators for MCB use, airborne levels of hazardous contaminants, other personal protective equipment required, requirements for medical examination, etc.

18. Maintenance and Care of Respirators

a. Manufacturers' representatives, to include manufacturer trained service technicians, will maintain and service all reusable respirators. Service and maintenance of such respirators by other personnel is prohibited.

b. Inspection for Defects

(1) All respirators will be inspected routinely before and after each use. The respirator inspection will include the condition of the face-piece, headbands, valves, canisters, breathing tube hoses, fittings, etc., where applicable.

(2) Respirators such as SCBA and supplied-air respirators with an auxiliary self-contained air supply will be kept ready for emergency use and will be serviced and inspected monthly by the user and immediately after each use to assure that they are in satisfactory working condition. A record will be kept in the workplace of inspection dates and findings, and will be available for inspection purposes.

c. Cleaning

(1) Reusable respirators, other than those for emergency use, will be serviced by the user as frequently as necessary, preferably weekly, but at periods no longer than 30 days.

(2) Respirators maintained for emergency use will be cleaned and disinfected after each use.

(3) Cleaning procedures will be per references (c) and (e).

(4) Each respirator user will thoroughly clean their respirator each time it is used to ensure its cleanliness on a daily basis. Alcohol or other solvents will not be used to clean respirators, as it may damage the face-piece.

d. Repair

(1) Replacement, adjustments, or repairs will be done only by manufacturer representatives, or Marine Corps personnel trained by the manufacturer, with parts designed for and specified for the individual's make and model of respirator.

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(2) No attempt will be made to replace components or to make adjustments or repairs beyond the manufacturer's recommendations.

(3) Reducing valves, admission valves, or regulators will be returned to the manufacturer or to a manufacturer trained service technician for adjustment or repair.

e. Storage

(1) Respirators will be stored in a sealable carton, sealable bag, sealable carrying case, or a sealed plastic bag in a manner to protect against dust, sunlight, heat, extreme cold, excessive moisture, or damaging chemicals. The storage area will be clean and sanitary.

(2) Tight-fitting respirators will be packed or stored so that the face-piece and exhalation valve(s) will rest in a normal position and function will not be impaired by the elastomer, which is the material of which a respirator face-piece is made, setting in an abnormal position. Do not hang a respirator by its straps.

19. Periodic Maintenance Requirements for Respiratory Support System and Equipment

a. Breathing air line hoses will be checked prior to each use by shop personnel for the following:

(1) Visible contaminants such as mold powder, ground rubber, etc., inside the hose.

(2) Cuts, breaks, or weak spots in the hose.

(3) Proper fittings and connections.

b. Every 2 years, breathing air line hose fittings will be removed and the hoses soaked in cleaner and disinfectant. The interiors of the hoses will then be dried by blowing air through them for 5 minutes. The air used for drying must conform to the air quality standards specified in paragraph 14a(1), and will be filtered by the air line filter. The cleaning and drying procedure will be documented by attaching a separate dated label on each hose.

c. Breathing air line hoses used in asbestos operations will be submersed in water **immediately** after being removed from their sealed labeled bags. Ensure that the ends of the hoses are capped together prior to such soaking.

d. At a minimum, air line filters will be replaced every 6 months when in use, and prior to issue when not used in the past 6 months. The date of inspection and replacement of air line filters will be placed on a service record and attached to the unit.

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e. Every 2 years, all parts of the air line filter, pressure regulator, and manifold will be soaked in a cleaner and disinfectant solution, rinsed in water, and allowed to thoroughly dry prior to reassembly.

f. Pressure regulators will be inspected, leak tested, and function tested by user shops per manufacturer's recommendations at least every 6 months. They will be visually inspected for damage and attached to an appropriate air supply and cross-checked using a pressure gauge to ensure that the regulator operates at the required pressure setting to within \pm 3 pounds per square inch.

g. Breathing air manifolds and pressure regulators used in asbestos operations will be wiped twice using clean wet rags prior to being cleaned, serviced, maintained, or reissued. The rags will be disposed of as asbestos waste.

20. Medical Qualification

a. Supervisors will ensure that all MCB personnel required to use respirators have an annual respiratory protection medical evaluation by the OH/PM Dept, NMCL.

b. Personnel having an inadequate sense of smell will not be allowed to wear respirators with cartridges or canisters approved for protection against organic vapors, paint vapors and mists, ammonia gas, and methylamine vapors.

c. Medical qualifications for wearing respiratory protection equipment with other physical disorders, i.e., emphysema, cardiovascular problems, will be left to the discretion of NMCL, Quantico personnel. Individuals are responsible for informing medical personnel of such conditions during examination.

d. The Health Care Advisor, NMCL will be responsible for identifying personnel medically qualified to wear respiratory protection with restrictions, i.e., personnel with an inadequate sense of smell, to the RPPM within 5 days of completion of the medical examination.

21. Training

a. The RPPM will develop training plans, training aids, equipment, and a recordkeeping system.

b. Unit respiratory protection instructors will be approved by the RPPM. All instructor candidates will be evaluated on their experience and training in respirator use.

c. Each respirator wearer will be retrained at least annually.

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d. Training will include:

(1) Information on airborne contaminants to which personnel may be exposed and the effects on health due to such exposures.

(2) Information on the base written respiratory protection program.

(3) Proper selection of respirators and filter types, respirator capability, limitations, and protection factors.

(4) Description of respirator construction, operating principles, and limitations.

(5) Respiratory protection equipment issue procedures.

(6) Instruction in pre-use inspection, i.e., test the fit of the respirator using both positive and negative pressure methods.

(7) Precautions applicable to normal use, confined spaces, oxygen deficiency, explosive atmospheres, and use of respirators approved for escape only from such atmospheres.

(8) Storage, inspection, maintenance, and cleaning of respirators. Assurance that the personnel will always receive a clean, disinfected respirator, and that they know how to correctly store their respirator when not being used.

(9) Significance of and requirements for maintenance of NIOSH and Mine Safety and Health Administration's approval.

(10) During training, personnel will be given an opportunity to handle the respirator, have it fitted properly, test its face-piece to face seal, wear it, and practice operating the quick disconnect fitting; on air line respirators. If training includes more than one type of respirator, each type will be available.

(11) Methods of recognizing end of service life on filters and periodic replacement.

(12) For each individual wearing an air-purifying or tight-fitting atmosphere-supplying respirator, there must be either a quantitative or qualitative fit test at the time of the initial fitting and at least every 12 months thereafter. If personnel may be exposed to asbestos or lead, they will be fit tested every 6 months. All respirators will be fit tested per reference (a). Atmosphere-supplying face-fitting respirators will be fit tested in the negative pressure mode.

(13) Personnel having facial hair interrupting the respirators facial seal will not be fit tested.

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(14) When performing fit testing, instructors will ensure that personnel wear the respirator(s) in the same manner as the respirator would be worn in the work area, i.e., straps are not abnormally tightened to ensure an adequate fit.

(15) Upon completion of training, the RPPM will issue a Respiratory Protection Program Certification Card to each trainee. This certification will be valid for 6 months or 1 year. A new certificate will be issued upon recertification.

e. An individual may lose his/her qualifications at any time for the following reasons:

(1) Expiration of medical and/or training qualifications.

(2) Determination by the NMCL that the individual is no longer physically qualified for respirator use.

(3) Lack of knowledge or willful neglect of requirements as demonstrated by serious violations of this Order, such as:

(a) Use of the wrong type of respirator.

(b) Failure to wear a respirator where required.

(c) Facial hair interfering with a facial seal.

(d) Tampering with a respirator.

(e) Entry into an untested, oxygen deficient, or IDLH atmosphere.

(f) Distribution of respirator(s) to other personnel.

(4) Upon loss of qualification for respirator misuse or willful violation of this Order's requirements, retraining is required for recertification. Willful misuse may result in administrative or disciplinary action. Upon loss of medical qualification, the NMCL will indicate if the condition is temporary or permanent. If the condition is temporary, medical clearance is required for requalification, and retraining is also required if the 6 months or 1 year training period elapses.

g. Non Training of Personnel with Facial Hair

(1) It is the supervisor's responsibility to ensure that personnel required to wear tight-fitting respirators to perform jobs do not have facial hair in the respirator sealing surface when sent to respirator training class or while wearing respirators on the job.

MCBO 6260.1A

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(2) Personnel with facial hair in the sealing surface of tight-fitting respirators will not be fit tested, will not be qualified to wear such respirators, and may be subject to administrative action.



R. P. ROOK
Chief of Staff

DISTRIBUTION: A

MCBO 6260.1A
21 APR 1999

CERTIFICATION OF RESPIRATORY INSTRUCTION AND FIT TESTING

6260
B 51
(Date)

From: Director, Safety Division, Marine Corps Base
To: Supervisor, _____
(Name/Organization)

Subj: CERTIFICATION OF RESPIRATOR INSTRUCTION AND FIT TESTING

Ref: (a) 29 CFR 1910.134

1. Per the reference, the below listed person has been trained and fit tested for respirator use.

(Grade/Name/SSN)

2. When your workload requires it, they should be issued the following respirator, cartridges and/or filters:

(Respirator Mfg/Type/Size)

(Cartridge/Filter Type)

3. The person has been issued a Respirator Program Training Certificate Card. He/she should carry this card with him/her at all times while working at tasks involving respirator use. The Respirator Card and Certification expires on the date entered below. Contact the Safety Division at extension 2866 for respirator training certification.

(Expiration Date)

(Director)

copy to:
OH/PM Dept, NMCL, Quantico
CHRO-Q

ENCLOSURE (1)

21 APR 1999

PART I
SUPERVISOR'S EVALUATION

Employee	Social Security #	Date of Birth
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Supervisor	Department	Phone
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1. Type(s) of Respirators to be Used

- | | |
|---|---|
| <input type="checkbox"/> a. Atmosphere-supplying respirator | <input type="checkbox"/> f. Supplied-air respirator |
| <input type="checkbox"/> b. Continuous-flow respirator | <input type="checkbox"/> g. Combination air-line and SCBA |
| <input type="checkbox"/> c. Open-circuit SCBA | <input type="checkbox"/> h. Air-purifying (non-powered) |
| <input type="checkbox"/> d. Closed-circuit SCBA | <input type="checkbox"/> i. Air-purifying (powered) |
| <input type="checkbox"/> e. Emergency Escape Respirator | <input type="checkbox"/> j. Disposable Dust Mask |

2. Level of Work Effort (Check One)

- | | | | |
|--------------------------------|-----------------------------------|--------------------------------|------------------------------------|
| <input type="checkbox"/> Light | <input type="checkbox"/> Moderate | <input type="checkbox"/> Heavy | <input type="checkbox"/> Strenuous |
|--------------------------------|-----------------------------------|--------------------------------|------------------------------------|

3. Extent of Usage (Check one)

- a. Daily
- b. Occasionally - once a week or more
- c. Intermittently - less than once a week
- d. Rarely - or for emergency situations only

4. Length of Time of Anticipated Effort in Hours: _____

5. Special Work Considerations (i.e. high places, temperature, hazardous material, protective clothing, etc.)

Date of Request	Supervisor's Signature
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Employees are responsible for this form. Employees must submit this form (with Parts I, II, and III completed) to the instructor the day of scheduled respirator training class. Employees will not be allowed to attend class without this form. Respirator training is held at Building 1001, Safety Division, phone: x42752.

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REQUEST FOR MEDICAL CLEARANCE FOR RESPIRATOR USE QUESTIONNAIRE (CONTINUED)

**PART II
PHYSICIAN'S EVALUATION**

- Class (Check one) a. No restrictions on respirator use
- b. Some specific use restrictions
- c. No respirator use permitted

Restrictions: _____

Date of Examination	Examining Physician's Signature
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**PART III
Respiratory Protection Program Manager's Evaluation**

1. Recommend individual be fit-tested with the following type (not brand) respirator(s).

2. Recommend the following cartridges and/or filters:

3. Other pertinent information:

RPPM Signature	Date
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