



Bldg 200

**UNITED STATES MARINE CORPS**  
Marine Corps Base  
Camp Lejeune, North Carolina 28542-5001

MO 6260.1  
MAIN/rsm  
21 Oct 85

MAINTENANCE ORDER 6260.1

From: Base Maintenance Officer  
To: Distribution List

Subj: Standing Operating Procedures for Respiratory Protection

Ref: (a) BO 6260.5

Encl: (1) Respiratory Protection Selection Guide

1. Purpose. To establish procedures for the selection and use of respirators in accordance with the reference.

2. Responsibilities

a. Supervisor Responsibility

(1) Respirators shall be provided by Base Maintenance when such equipment is necessary to protect the health of the employee.

(2) Base Maintenance shall provide the respirators which are applicable and suitable for the purpose intended.

(3) Supervisory personnel shall periodically monitor the use of respirators to ensure that they are worn properly.

(4) Supervisory personnel shall ensure that maintenance of respirators are carried out to ensure that each respirator wearer is provided with a respirator that is clean and in good operating condition. Maintenance shall include:

(a) Washing, sanitizing, rinsing and drying.

(b) Inspection for defects of respirators.

(c) Replacement of worn or deteriorated parts.

(d) Repair, if necessary.

(e) Storage to protect against dust, sunlight, excessive heat, extreme cold, excessive moisture, damaging chemicals and physical damage.

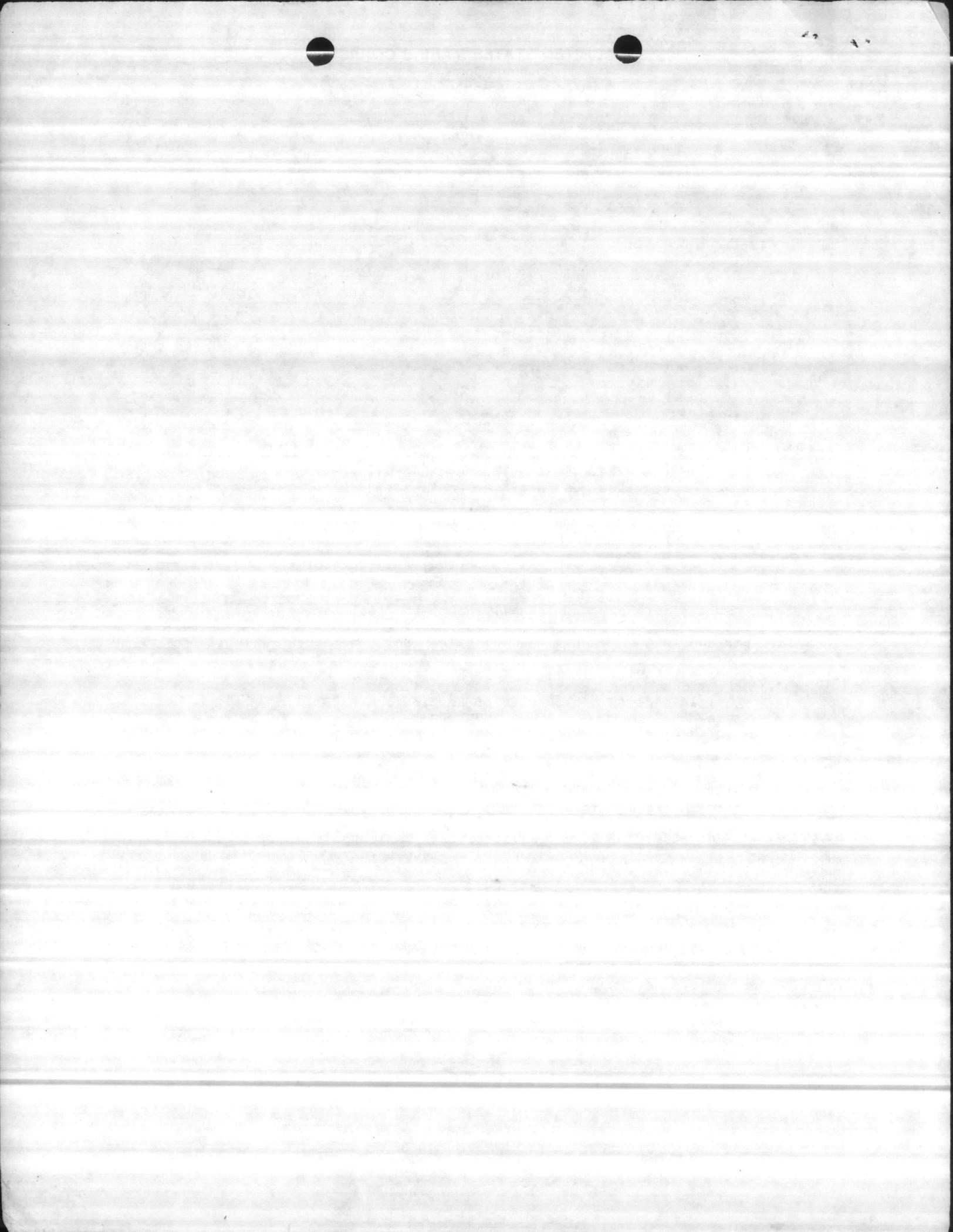
(5) Supervisory personnel will instruct employees thoroughly in the safe practices applicable to the operations performed and enforce the observance of all respiratory regulations.

(6) Supervisors will ensure personnel receive annual respirator training and physical examinations.

(7) Supervisors will ensure that respirator facepieces of more than one size shall be available to provide a proper fit.

(8) Supervisors will receive adequate training by Base Safety to ensure the proper use of respirators.

(9) Supervisors will ensure that employees receive pre-placement and annual physical examinations to determine their ability to perform assigned duties with respiratory protection.



(10) Supervisors should maintain a record of inspection dates and findings for respirators maintained for emergency use.

### 3. Employee Responsibility

(1) The employee shall use the provided respiratory protection in accordance with instructions and training received from Base Safety and supervisors.

(2) The employee shall guard against damage to the respirator.

(3) The employee shall report any malfunction of the respirator to the supervisor immediately.

(4) The employee will be required to check the seal of the respirator prior to entering a harmful atmosphere.

(5) Employees with facial hair that comes between the sealing periphery of the facepiece or interferes with valve function will not be permitted to wear a respirator. The absence of one of both dentures can seriously affect the fit of a facepiece.

(6) Employees using a respirator equipped with a full facepiece, helmet, hood or suit will not be allowed to wear contact lens. A proper seal cannot be established if the temple bars of eyeglasses extend through the sealing edge of the full facepiece. If corrective spectacles are required, they will be worn so as not to affect the fit of the facepiece.

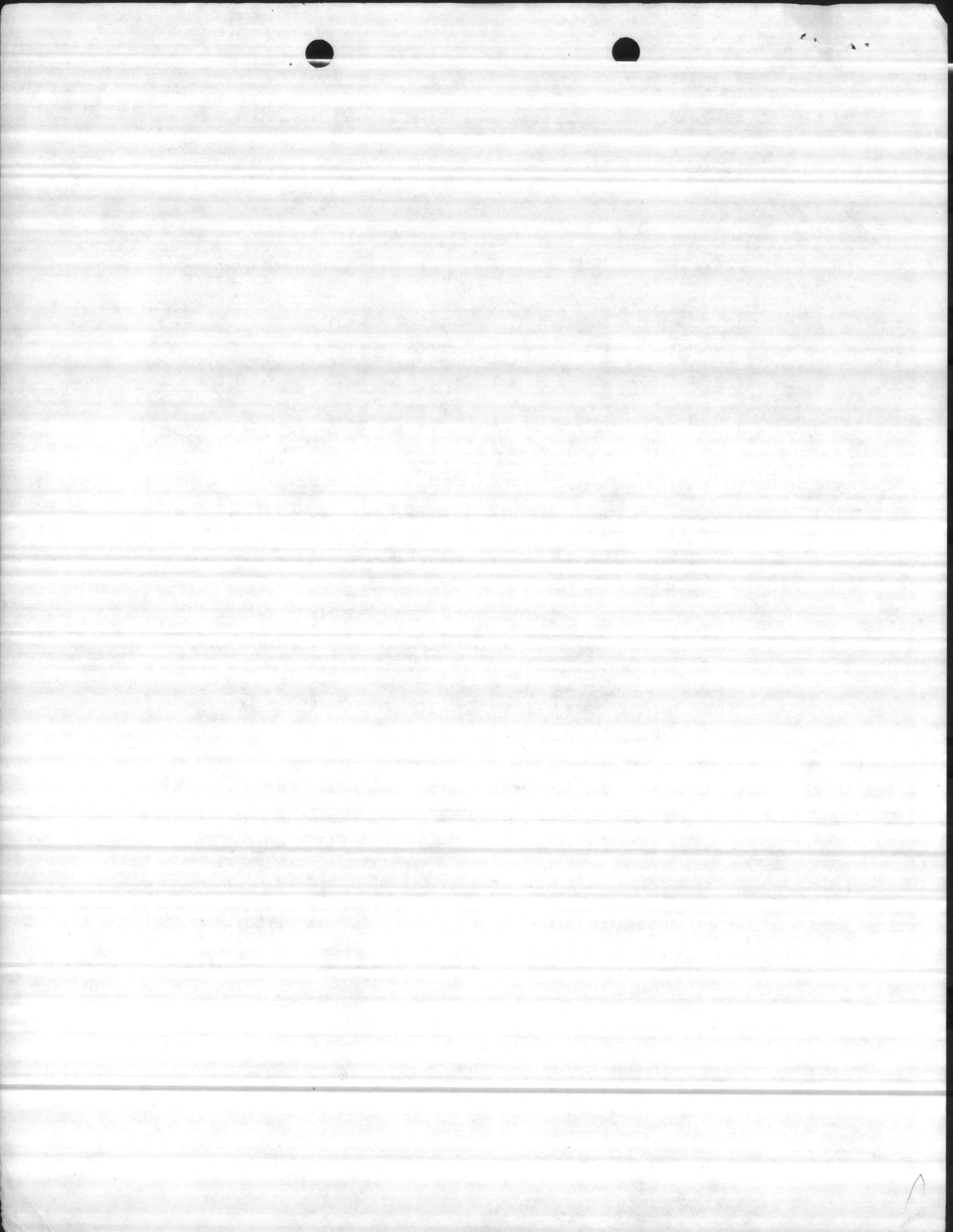
3. Training. Each respirator wearer will be given training which shall include explanation and discussion of:

- a. The respiratory hazard if the respirator is not used properly.
- b. The need for respirators to provide protection.
- c. The reason for selecting a particular type of respirator.
- d. The function, capabilities and limitations of the selected respirator.
- e. The proper wearing of the respirator.
- f. The method of donning the respirator and checking its fit and operation.
- h. Respirator maintenance.
- i. Recognizing and handling emergency situations.

Each respirator wearer shall be retrained at least annually.

4. Selection of Respirator. The selection of a proper respirator for any given situation shall require consideration of the following factors:

- a. The nature of the hazard.
- b. The characteristics of the hazardous operation or process.
- c. The location of the hazardous area with respect to a safe area having respirable air.
- d. The period of time for which respiratory protection may be provided.
- e. The activity of workers in the hazardous area.
- f. The physical characteristics, functional capabilities and limitations of respirators of various types.
- g. The respirator-protection factors and respiratory fit.



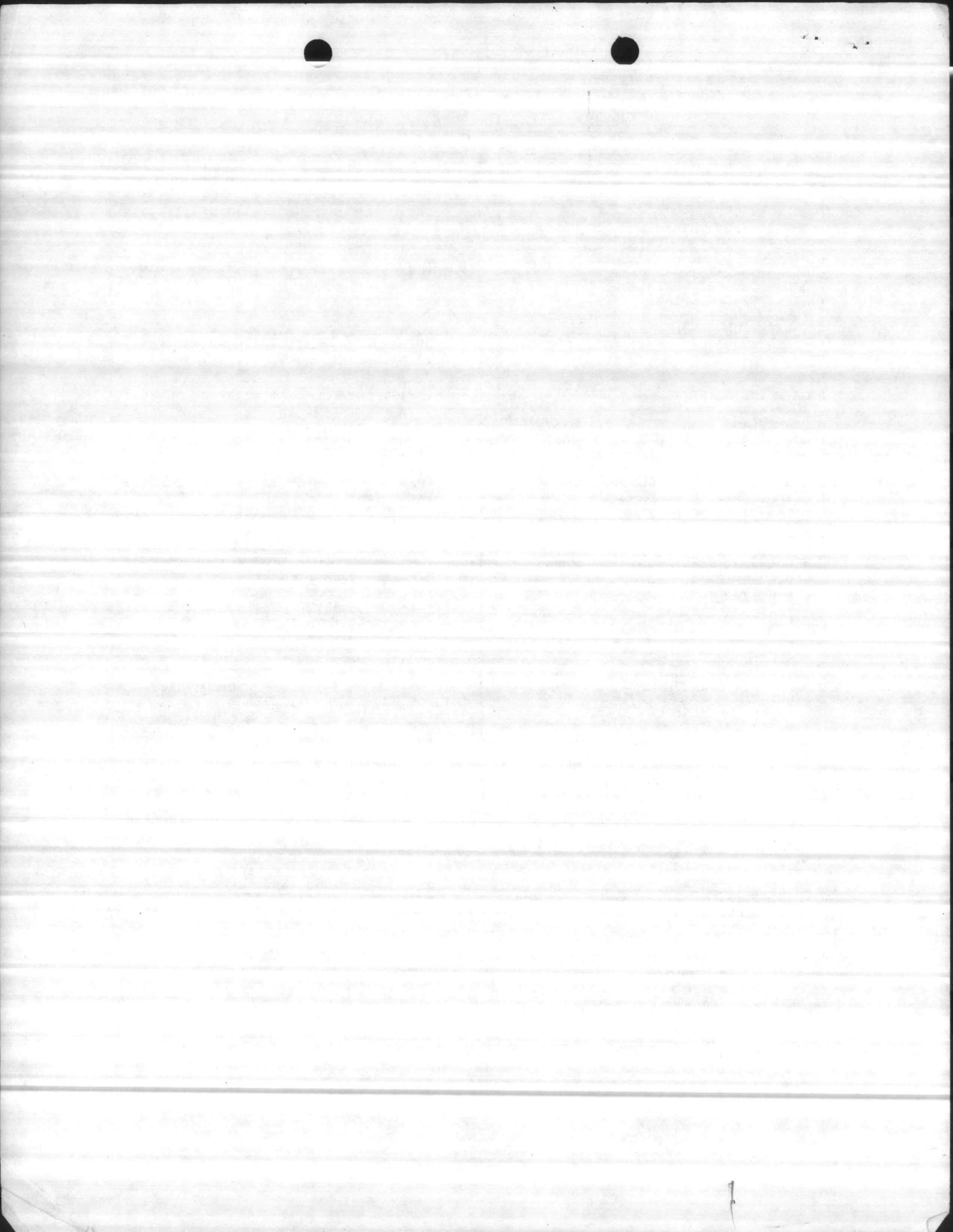
RESPIRATORY PROTECTION SELECTION GUIDE

| JOB/MATERIAL   | CARTRIDGE<br>COLOR CODE                 | APPROVED RESPIRATOR  | NSN              |
|--|---|--|------------------|
| ORGANIC VAPORS<br>SOLVENTS, PAINTS<br>DEGREASERS, THINNERS<br>DRY CLEANING SOLVENT<br>PD 680<br>CLEANING PAINT BRUSHES<br>BRUSH OR SPRAY PAINTING<br>SPRAY CAN PAINTING<br>FUEL VAPORS<br>ENAMEL AND ACRYLIC<br>PAINTS | BLACK                                   | DISPOSABLE 3M #8741<br>ORGANIC VAPOR/SPRAY<br>PAINT ASSEMBLY WITH<br>PRE-FILTERS * | 4240-01-131-9722 |
|  |   | DISPOSABLE NORTON #10041M<br>ORGANIC VAPOR MASK WITH<br>PRE-FILTERS *              | OPEN PURCHASE    |
|  |   | DISPOSABLE ORGANIC VAPOR<br>RESPIRATOR 3M #8712<br>WITHOUT PRE-FILTERS             | 4240-01-074-8930 |
| GRINDING/CHIPPING<br>FLAP BRUSHING<br>FIBERGLASS WORK<br>WOOD SANDING, COAL DUST<br>SAW DUST<br>NUISANCE DUSTS<br>ASBESTOS - LOW LEVELS<br>METAL DUSTS (LEAD)<br>ASBESTOS - HIGH LEVELS<br>(RIP-OUT)                   | GRAY TOP<br>CARTRIDGE                   | DUST/MIST/FUME DUAL<br>FILTER (CARTRIDGE MASK)                                     | 4240-00-099-6939 |
|  | WHITE<br>PAPER                          | DISPOSABLE DUST MASK<br>3M #8710   | 4240-00-629-8199 |
|  |   | DISPOSABLE DUST/MIST<br>MASK 3M #9910  | 4240-01-081-6433 |
|  |   | FULL FACEPIECE<br>SUPPLIED AIR RESPIRATOR  | 4240-00-275-3178 |
| WELDING - METAL FUMES<br>BRAZING<br>SOLDERING<br>CUTTING METALS  | PAPER                                   | DUST/MIST/FUME DUAL<br>FILTER (CARTRIDGE MASK)                                     | 4240-00-099-6939 |
|  | GRAY TOP<br>CARTRIDGE                   | DISPOSABLE 3M #9920<br>DUST/MIST/FUME MASK   | 4240-01-108-4171 |
| BERYLLIUM METAL DUST<br>TICONIUM PROSTHETICS<br>S-3/F-14 BRAKE PARTS<br>CADMIUM DUST   | MAGENTA<br>(PURPLE)                     | HEPA CARTRIDGE TYPE  | OPEN PURCHASE    |
|  |   | DISPOSABLE 3M #9940  | OPEN PURCHASE    |
|  |   | DISPOSABLE NORTON #10030M  |                  |
| PESTICIDES   | BLACK CART-<br>RIDGE WITH<br>PRE-FILTER | PESTICIDE CARTRIDGE TYPE   | OPEN PURCHASE    |
|  |   | DISPOSABLE 3M #8751  | 4240-01-035-9250 |
|  |   | DISPOSABLE NORTON #10041M  | OPEN PURCHASE    |
| CONFINED SPACE ENTRY &<br>STAND BY, OXYGEN<br>DEFICIENCY ATMOSPHERE  |   | SELF-CONTAINED<br>BREATHING APPARTUS   | OPEN PURCHASE    |
| BATTERY CHARGING<br>ACID MISTS<br>ACID CLEANING  | WHITE<br>YELLOW**                       | ACID-GAS CARTRIDGE TYPE  | OPEN PURCHASE    |
|  |   | DISPOSABLE 3M #8714  |                  |
|  |   | DISPOSABLE NORTON #10002M  |                  |

- \* PRE-FILTERS ONLY REQUIRED FOR SPRAY PAINTING OPERATIONS
- \*\* ORGANIC VAPOR-ACID GAS COMBINATION CARTRIDGE

NOTE: ITEMS PROVIDE MINIMUM PROTECTION FOR AIR CONTAMINATE LISTED. CONSULT LOCAL INDUSTRIAL HYGIENIST FOR ASSISTANCE IN SELECTION IF NEEDED. USE OF DISPOSABLES HIGHLY RECOMMENDED TO SAVE ON CLEANING, MAINTENANCE AND SPARE PARTS COSTS AND MANHOURS. DISPOSABLES USUALLY FOUND MORE COST EFFECTIVE THAN DUAL CARTRIDGE TYPE REPLACEABLE CARTRIDGE RESPIRATORS.

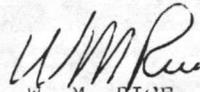
ENCLOSURE (1)



Enclosure (1) provides examples of respirators designed for specific applications. The Commanding Officer, Naval Hospital in conjunction with Base Safety will recommend respiratory protection equipment for personnel, based upon the nature and degree of the hazard involved, in accordance with current National Institute for Occupational Safety and Health/Mine Safety and Health Administration (NIOSH/MSHA) approval/certification.

5. Confined Spaces. All confined spaces shall be considered to be immediately dangerous to life or health unless proven otherwise. Before a person is allowed to enter a confined space, tests will be conducted by the cognizant Industrial Hygienist or the Base Gas Free Engineer to determine the concentration of any known or expected flammable or toxic contaminant present. A person will not be allowed to enter a confined space without wearing the proper type of respirator. A standby person shall be present in a safe area with proper equipment, available to assist the respirator wearer in case of an emergency.

6. Applicability. Effective upon receipt, Branch and Section heads, supervisors, foremen and maintenance personnel will ensure compliance with these procedures within their area of responsibility.

  
W. M. RICE

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