

PLASTIC MATERIAL SERVICES

RESPIRATOR PROGRAM

Jude

I. SELECTION

THE PLASTIC MATERIAL SERVICES AREA OF BLOCK 8 IS CLASSIFIED AS A NON-HAZARDOUS AREA. RESPIRATORS ARE NOT USED IN DAILY OPERATIONS AND ARE NEEDED ONLY FOR ESCAPE OR EVACUATION PURPOSES.

THE RESPIRATOR CHOSEN FOR ESCAPE OR EVACUATION PURPOSES IS THE MSA "MOUTH-BIT" NUMBER 476338 WITH REPLACEMENT CARTRIDGE NUMBER 47077. IT CARRIES THE TC-23C-514 NIOSH APPROVAL REQUIREMENTS FOR RESPIRATORY PROTECTION. AS AN ALTERNATE, AMERICAN OPTICAL ESCAPE RESPIRATOR NUMBER R9722 WITH REPLACEMENT CARTRIDGE NUMBER R722 IS USED. IT CARRIES THE NIOSH APPROVAL NUMBER TC-23C-111.

II. LIMITATIONS

THE RESPIRATOR AS DESCRIBED ABOVE IS GOOD FOR ESCAPE ONLY FROM ATMOSPHERES CONTAINING NOT MORE THAN 10 PPM CHLORINE, 50 PPM HCL, 50 PPM SO₂ AND LESS THAN .05 MG/M³ OR 2 MILLION PARTICLES PER CUBIC FOOT. ^{sulfur} Dioxide

III. DUST MASK

THE APPROVED DUST MASK USED IN BLOCK 8 IS 3M #8710 APPROVED DUST AND MIST RESPIRATOR (INCLUDING ASBESTOS AND LEAD). NIOSH APPROVAL NUMBER IS TC-21C-132. THIS RESPIRATOR IS GOOD FOR ATMOSPHERES WITH TIME WEIGHTED AVERAGES NOT LESS THAN .05 MG/M³ OR 2 MILLION PARTICLES PER CUBIC FOOT.

IV. TRAINING

TRAINING FOR RESPIRATOR USAGE WILL BE HANDLED INITIALLY THROUGH A PROGRAM PRESENTED TO ALL PLASTIC MATERIAL SERVICE EMPLOYEES, BOTH DOW AND CONTRACT. EACH NEW EMPLOYEE WILL BE TRAINED INDIVIDUALLY WHEN HE OR SHE REPORTS TO WORK. ALL EMPLOYEES, BOTH DOW AND CONTRACT WILL BE RE-TRAINED ANNUALLY. TRAINING WILL INCLUDE HOW TO WEAR THE RESPIRATOR, ITS USAGE AND LIMITATIONS. ALL TRAINING WILL BE DOCUMENTED.

V. STORAGE

RESPIRATORS WILL BE KEPT IN A CABINET IN THE WAREHOUSE OFFICE AREA OF B-808. EACH RESPIRATOR WILL BE KEPT IN A SEALED POLYETHYLENE BAG IN ITS ORIGINAL CONTAINER. SUFFICIENT RESPIRATORS WILL BE STOCKED TO PROVIDE ONE FOR EACH EMPLOYEE AND VISITORS WHO MAY BE PRESENT. THE INVENTORY AND STORAGE CONDITIONS WILL BE CHECKED MONTHLY AND REORDERED.

DO 081944
CONFIDENTIAL

VI. USAGE

EMPLOYEES WILL NOT BE REQUIRED TO CARRY THE RESPIRATOR ON THEIR PERSON DURING ACTIVITY WITHIN THE NORMAL OPERATING AREA OF THE BLOCK. IN THE EVENT OF TRAVEL OR MOVEMENT INTO OTHER BLOCKS, EMPLOYEES WILL BE ENCOURAGED TO CARRY A MOUTH-BIT RESPIRATOR IN ITS ORIGINAL CONTAINER AND BE FAMILIAR WITH WHERE TO REPORT IN THE BLOCK IF ONE IS NEEDED.

VII. SANITATION

IF A RESPIRATOR IS SOILED OR USED, IT WILL BE CLEANSSED AS FOLLOWS:

- A. REMOVE AND DISCARD THE CARTRIDGE.
- B. CLEANSSE THE RUBBER PORTION IN A MILD DETERGENT SOLUTION CONTAINING 2 TABLESPOONS OF CHLORINE BLEACH PER GALLON OF WATER.
- C. RINSE THOROUGHLY IN CLEAN WATER AND DRY WITH A TISSUE.
- D. ALLOW TO COMPLETELY AIR DRY.
- E. INSTALL NEW CARTRIDGE.
- F. SEAL RESPIRATOR IN NEW POLYETHYLENE BAG AND STORE AS NORMAL.

VIII. SURVEILLANCE

- A. PROGRAM RESPONSIBILITY IS ASSIGNED TO THE DEPARTMENT INDUSTRIAL HYGIENE REPRESENTATIVE.
- B. ALL RECORDS, PURCHASE, INSPECTION, TRAINING, DOCUMENTATION, ETC., WILL BE MADE BY AND MAINTAINED BY THE WAREHOUSE SUPERVISOR.

IX. VISITORS

EXTRA MASKS WILL BE AVAILABLE FOR THOSE PERSONS WHO MAY BE VISITING IN THE AREA. IT IS THE RESPONSIBILITY OF THE HOST TO SEE THAT THE VISITOR HAS A MASK IF NEEDED.

GCW/cs
6-5-86