

RESPIRATORY PROTECTION PROGRAM

(PROCEDURE BULLETIN P-0130)

APPROVED BY THE PLANT MANAGER'S SAFETY BOARD

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A NEW PROCEDURE BULLETIN

PURPOSE:

PROTECT EMPLOYEES FROM EXPOSURE TO AIRBORNE
CHEMICALS OR PHYSICAL CONTAMINANTS DURING
NORMAL AND EMERGENCY CONDUCT OF THEIR WORK

EMPHASIS:

PROVIDE EQUIPMENT, TRAINING, AND PROCEDURES
AND REQUIRE COMPLIANCE

NEW BULLETIN COVERS

1. BREATHING AIR QUALITY
2. SELECTION, UPKEEP, AND TRAINING IN USE OF
RESPIRATORY EQUIPMENT
3. BREATHING AIR SOURCE/SYSTEM
4. RESPONSIBILITIES

BREATHING AIR OUTSIDE BATTERY LIMITS

COMPRESSED AIR AVAILABLE

- PIPELINE HEADER SYSTEM
 - CYLINDER
 - OTHER
-
- DO NOT USE UTILITY OR INSTRUMENT AIR
 - NO CROSS CONNECTIONS

BREATHING AIR OUTSIDE BATTERY LIMITS

- PIPELINE HEADER SYSTEM

RESPONSIBILITY - UTILITY DEPT.

- QUALITY
- PLANT AIR COMPRESSORS
- DISTRIBUTION HEADER
(UP TO 1ST BLOCK VALVE AT BATTERY LIMITS)
- APPROVAL TIE-INS
- VISUAL CHECK MONTHLY
- WRITTEN REPORT

- CYLINDERS

RESPONSIBILITY - STORES DEPT.

- CONTENTS CHECKED ON REPORT
- TAGGED - SIGNED
- LINDE DIV. UNION CARBIDE
ONLY APPROVED

OTHERS REQUIRE LP&S APPROVAL

BREATHING AIR DISTRIBUTION WITHIN BATTERY LIMITS

OWNERS' RESPONSIBILITY

- PREVENT CONTAMINATION
- SAFEGUARD USE ONLY FOR BREATHING
- MONTHLY VISUAL CHECK OF
 IN-BATTERY LINES - WRITTEN REPORT
- CONFORM TO HOSE STATION STANDARDS
- QUICK CONNECT SYSTEM WITH SIGN
- COLOR CODING (BLUE BAND WHITE STRIPE)

RESPIRATORY SYSTEMS

POLICY

WE WILL MAKE CONVENIENTLY AVAILABLE
RESPIRATORY EQUIPMENT SUITABLE
FOR WORK TO BE PERFORMED

AND

EMPLOYEES REQUIRED TO PERFORM SUCH WORK
SHALL HAVE HAD THE REQUIRED RESPIRATOR
EQUIPMENT TRAINING AND WILL BE REQUIRED
TO USE SUCH EQUIPMENT

RESPIRATORY SYSTEMS

POLICY - NO UNPROTECTED PERSON SHALL KNOWINGLY
BE SUBJECTED TO A HAZARDOUS ENVIRON-
MENTAL CONDITION DURING THE PERFORMANCE
OF THE WORK ASSIGNED

RESPIRATORY SYSTEMS - RESPONSIBILITIES

WHO

DEPT., UNIT, OR CRAFT SUPERVISION
SUPERVISORS OF PERSONS PERFORMING WORK
REQUIRING RESPIRATORY PROTECTION

WHAT

1. INSPECT, EVALUATE EXPOSURE,
SPECIFY EQUIPMENT
2. PREPARE AND MAINTAIN WRITTEN
PROCEDURES
3. TRAIN EMPLOYEES
KEEP RECORDS ON TRAINING

RESPIRATORY SYSTEMS - RESPONSIBILITIESWHO

DEPT., UNIT, OR CRAFT SUPERVISION
SUPVISORS OR PERSONS PERFORMING WORK
REQUIRING RESPIRATORY PROTECTION

WHAT

1. INSPECT EQUIPMENT
KEEP RECORDS ON INSPECTION
2. REVIEW CHANGES IN SCOPE OF WORK
FOR IMPACT ON PROTECTION REQUIRED
3. INSURE PROPER APPLICATION

RESPIRATORY SYSTEMS - RESPONSIBILITIESWHOLOSS PREVENTION AND SAFETY (LP&S)WHAT

1. WORK WITH SUPERVISION
INSPECTION, EVALUATION, SPECIFY EQUIPMENT
2. PROVIDE EQUIPMENT TO UNITS
REPAIRS, CLEAN, INSPECT, STERILIZE SEAL
PACKAGE MASKS
3. TRAIN SUPERVISION
USE, CARE, AND STORAGE
4. MAINTAIN LOG BOOK ON
 - SELF-CONTAINED BREATHING APPARATUS
 - MODEL SW CANISTER MASKS

RESPIRATOR FITTING

- USER MUST TEST EACH TIME RESPIRATOR IS PUT ON

- USER MUST CHECK
 - POSITIVE PRESSURE TEST
 - NEGATIVE PRESSURE TEST
 - MOVEMENT CHECK
 - MANUFACTURER INSTRUCTIONS

- USER MUST WEAR AS DESIGNED
 - ALL PARTS IN PLACE
 - ALL PARTS PROPER POSITION
 - ALL STRAPS SECURE
 - NO MODIFIED STRAPS

RESPIRATOR FITTING

PURPOSE OF PROTECTIVE EQUIPMENT

- ISOLATE WEARER FROM ATMOSPHERE
- REQUIRES LEAK-TIGHT SEAL
BETWEEN MASK AND FACE
- MUST BE FREE OF FACIAL HAIR
PROTRUDING INTO SEALING PORTION OF RESPIRATOR

NOTE: A FIT TEST WILL NOT BE CONDUCTED ON ANYONE NOT MEETING THIS REQUIREMENT.

RESPIRATORY EQUIPMENT PROCEDURE

UNIT AND CRAFT SUPERVISORS (INCLUDING P.T.)

- KEEP CURRENT LIST OF PERSONS
 - REQUIRED TO USE RESPIRATORS
 - THOSE PERSONS TEMPORARILY NOT PHYSICALLY
ABLE TO USE RESPIRATORS
- UPDATE LISTS ANNUALLY OR WHEN OPERATIONS CHANGE

KEY CONSIDERATION: WORK BEING PERFORMED NOT THE GENERAL
LOCATION OF THE WORK

RESPIRATORY EQUIPMENT PROCEDURE

USED EQUIPMENT

RETURNED TO SAFETY SUPPLY FOR REPROCESSING

DISPOSABLE DUST RESPIRATORS

DISCARDED AFTER ONE USE

GAS MASK CANISTERS

PROPERLY IDENTIFIED

SPECIFY PROTECTION

RESPIRATORY EQUIPMENT PROCEDURE

PRESCRIPTION GLASSES/FULL FACEPIECES
AVAILABLE ON REQUEST - LP&S

OXYGEN DEFICIENT AND TOXIC ATMOSPHERE

STANDBY REQUIRED

SUITABLE RESCUE EQUIPMENT REQUIRED

STANDBY SOUNDS ALARM

EQUIPMENT INSPECTION

MONTHLY BY OWNING DEPT.

SEMI-ANNUALLY BY SAFETY DEPT.

RESPIRATORY EQUIPMENT PROCEDURE

WRITTEN PROCEDURES REQUIRED

EMPLOYEES TRAINED BY SUPERVISORS

EMPLOYEE DEMONSTRATES

PROPER FIT

PROPER USE

GUIDES TO RESPIRATOR SELECTION & USE AVAILABLE FROM LP&S

RESPIRATOR FITTING

- IN AREAS HAVING ASSIGNED RESPIRATORS USER TESTED
WITH RESPIRATOR ASSIGNED
- IF SPECIAL GLASSES ISSUED
THEY WILL BE USED IN FIT TESTING
- DENTURES MAY SERIOUSLY AFFECT FIT
MUST BE WORN DURING FIT
TESTING AND USE
- ADDITIONAL QUANTITATIVE FIT TESTING REQUIREMENTS
WILL BE REQUIRED FOR
ACRYLONITRILE EXPOSURE
WHEN EQUIPMENT IS AVAILABLE