



Shell Oil Company • Shell Chemical Company
Interoffice Memorandum

PLAINTIFF'S EXHIBIT

SH-2727

APRIL 3, 1984

FROM: SR. INDUSTRIAL HYGIENIST
TO: MAINTENANCE MANAGERS NORTH/SOUTH
SUBJECT: RESPIRATOR SELECTION FOR ASBESTOS

The attached recommendation to discontinue one type of respiratory protection for asbestos exposure was recently distributed to the field for implementation. If Industrial Hygiene can assist in reviewing this change with any Shell field group directly affected, please let me know. The basis of this decision was not that the respirators in prior use were ineffective, rather that dual cartridge respirators and the 9920 mask appear to have a higher level of acceptance by both employees and regulatory agencies.

Shell Potential Asbestos Jobs:

Carpenters	Insulators
Mechanics	Pipefitters
Boilermakers	Tinners

Thanks again,

Phil Snyder

P.J. Snyder

cc: R.R. Erickson
H.L. Lee
ECB-Satellite
PJS Chron

LAM 004052

DPMC-10140



Shell Oil Company • Shell Chemical Company
Interoffice Memorandum

APRIL 2, 1984

FROM: SR. INDUSTRIAL HYGIENIST
TO: ALL OPERATING AND MAINTENANCE SUPERVISORS
ALL SAFETY INSPECTORS/SUPERVISORS
SUBJECT: ASBESTOS RESPIRATORY PROTECTION

Recent and/or anticipated changes in the Health and Safety regulations that apply to asbestos require that DPMC discontinue the use of the 3M 9900 (yellow) paper mask for asbestos protection. Effective April 15, 1984 the dual cartridge respirator (Scott or MSA brand) and the 3M 9920 dust/fume mask are the only respirators recommended for protection against asbestos exposure. While both respirators are satisfactory for asbestos, Brown and Root's Group Corporate Industrial Hygiene requires that their personnel utilize only the dual cartridge mask and not the 3M 9920 respirator. As Shell DPMC generally provides all respiratory protective equipment to contractors, this requirement by Brown & Root Safety will be accommodated wherever possible. Of course, air supplied respiratory protection can also be used if required.

A limited supply of respirators for asbestos protection will be stocked in each green area cabinet. Each packaged mask will be visibly identified to facilitate a proper mask selection. Where a significant number of respirators will be required for asbestos work the Shell Respirator Center should be contacted (Ext. 6386).

A guide to the proper mask selection is provided as Attachment 1. Personnel are advised to utilize the results of their fit test results in selecting a mask size.

If you have any questions, please contact Industrial Hygiene.

Thank you,

Phil Snyder
P.J. Snyder

Attachment

cc: J.W. Dickens
R.R. Erickson
H.L. Lee
M. Moody - Brown & Root
R. Craig - Brown & Root
ECB Satellite
PJS Chron

LAM 004053

DPMC-10141

RESPIRATOR SELECTION GUIDE
ATTACHMENT 1

NOT
PERMITTED
FOR
ASBESTOS
EXPOSURE



Dust/Mist Respirator
Order No. 8710

OR



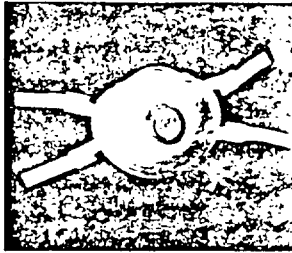
Dust/Mist Respirator
Order No. 9910 / 4100

(WHITE)

(YELLOW)

RESPIRATORS RECOMMENDED FOR ASBESTOS

DISPOSABLE AFTER
SINGLE DAYS USE.
ACCEPTABLE FOR DUST,
ASBESTOS, OR
WELDING FUMES



Dust/Fume Mist Respirator
Order No. 9920

NON-DISPOSABLE DUAL CARTRIDGE MASKS*



WITH ONLY FILTER
PADS FOR ASBESTOS
DUST



HIGH EFFICIENCY
(PURPLE) DUST/FUME
CARTRIDGES



FILTERS CLIPPED ON
TOP OF VAPOR
CARTRIDGES

LAM 004054

*Either 1/2 face or full face mask acceptable (only 1/2 mask shown) DPMC-10142

DPMC RESPIRATOR PROGRAM

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Several changes are planned for the DPMC Respirator Program. These changes include: (1) quantitative fit testing for employees working in operating and maintenance areas; and (2) a centralized respirator cleaning, sanitizing, inspection and repair service.

The facilities for fit testing include two 32' x 12' trailers equipped with Frontier DOP fit test units and a small room for slide tape training programs for six people.

A central cleaning, maintenance and inspection facility will be housed in the Refinery Safety Annex Building (formerly the old automotive garage annex building). This building will be furnished with:

- . respirator washer
- . respirator dryer
- . respirator inspection and assembly bench
- . a Scott Air-Pak test and maintenance bench
- . a breathing air booster compressor
- . storage for clean and sanitized respirators

Each area of the DPMC will be furnished a satellite respirator storage cabinet. The cabinet will contain a supply of each type of respirator used in the area. The respirator service group will maintain the stock in the satellite cabinet. A van-type truck will be used to deliver clean, sanitized respirators. All cleaned respirators will be sealed in plastic bags for further protection. Each cabinet will be inventoried with respirator needs for that area. At the end of the shift or job, individuals will return their used respirators to a collection basket in the cabinet. Operators working in an area where

respirators may be required would pick up a respirator from the cabinet and return it at the end of the shift. When it is returned, if the plastic bag is unopened, it will be placed back on the proper shelf. If it has been opened, it will be placed in a collection basket for dirty respirators. Shell Maintenance assigned a job requiring respirator use will pick up the proper respirator for that job, use the respirator, then return it to the dirty respirator basket in the cabinet. On a routine schedule, the cabinet will be inventoried with clean respirators and the dirty respirators will be picked up and returned to the centralized respirator facility.

Each respirator will be washed, sanitized, inspected, and packaged ready for use again. Respirators with faulty parts will be repaired or destroyed.

Scott Air-Paks will also be serviced. Air bottles will be refilled, regulators will be tested and repaired if needed, facepieces will be washed, sanitized, dried, inspected and sealed in a plastic bag. Each time a Scott Air-Pak is used, it should be placed in the satellite cabinet and a clean Scott Air-Pak taken from the cabinet to replace the one that has been used.

MED/gri
3-28-80

LAM 004056

DPMC-10144

November 19, 1982

J. Ross	R.M. Kemball-Cook
G.C. Anderson	J.G. Massey
<u>R.R. Priger</u>	<u>D.O. Chrismer</u>

Re: Contractor Team Agenda Item - Background Information

The attached information summarizes recent assessments of contractor breathing air requirements for respirator use in sandblasting, painting, etc.

This subject is scheduled to be discussed with Rick Erickson and myself at the Contractor Team Meeting on 11-24-82.

Thank you,



cc: R.R. Erickson
~~ECB Satellite~~
PJS Chron

P. J. SNYDER

LAM 004057

DPMC-10145