WV-0097 # 25

UNION CARBIDE CORPORATION
INTERNAL CORRESPONDENCE

RESEARCH AND DEVELOPMENT DEPARTMENT
HEALTH SAFETY/ ENVIRONMENTAL AFFAIRS

To: D. C. Best
D. R. Bryant
V. M. Davis
J. W. Flenner
M. W. Gilzow
V. C. Jividen
C. T. Lawson

Copy: R. R. Keller
F. P. Macfarlane
M. A. Patel
G. G. Ransom
R. E. Sergent
P. D. Sherman

RECEIVED
MAY 19 1987

May 18, 1987

M. A. PATEL

Subject: Asbestos Materials (SH-8-J8)
- Paper for Review

Gentlemen:

Attached is the draft paper on the Removal, Repair, or Renovation of Asbestos Material for your review. The new paper was written by Manhar Patel, the Industrial Hygienist and Subject Matter Expert. When approved, the new guidelines will be included in the R/D safety and Health Manual as Paper SH-8-J8.

As a member of the R/D Safety and Health Advisory Committee, you are requested to get the paper contents reviewed.

I would appreciate getting your comments by Thursday, May 28.

Thanks for your assistance.

Sincerely,

Joe

J. A. Amos

Loc. 701 - 240
Ext. 3623

DRAFT

ASBESTOS MATERIALS: REMOVAL, REPAIR, OR RENOVATION

Asbestos containing materials such as insulation, gaskets, packings, heat tapes, hot gloves, etc. may be present in a laboratory or a pilot plant. OSHA has amended its asbestos standard by reducing the permissible exposure limit from a 2.0 fibers/cc level to a 0.2 fibers/cc level. In addition, there are a number of requirements that must be followed when removing, repairing or renovating the asbestos containing material, to stay in compliance with the government regulations.

At the Technical center, asbestos insulation is no longer installed, and every effort is made to control the release of asbestos fibers in the air from materials, already installed, containing asbestos.

Listed below are practices that must be followed to prevent exposure of employees to asbestos and stay in compliance with the government regulations.

1. Check the equipment or the pipes in your area of responsibility for broken insulation. If insulation is found to be broken or accidently damaged, consult with Industrial Hygiene (Extension 3750) to ascertain whether the material is indeed asbestos. If so the suspect material must be repaired or removed.

2. Repair or removal of asbestos-containing insulation must be done by authorized personnel who have the knowledge of the procedures and are trained in the requirements of the OSHA asbestos standard. Certain personnel in the Services Department have these credentials to undertake such projects. Involve the Coatings Technicians in the Services Department to help you remove or repair the asbestos insulation.

3. Dispose any asbestos-containing materials such as asbestos gloves, old asbestos insulation tapes etc. using proper personal protective equipment and following established waste disposal procedures (SH-8-B3). When in doubt, get the help from Industrial Hygiene group in determining proper procedure for handling the material and from Environmental Protection Department for proper disposal of the material.

4. Do not disturb asbestos insulation without the use of proper personal protective equipment. In addition to other restrictions, handling of asbestos materials may require the use of High Efficiency Particulate Air (HEPA) filter respirator or supplied air respirator, coveralls, shoe covers, head covers, etc.

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5. Do not sweep or dust floors and surfaces contaminated with asbestos. Cleaning may require the use of a vacuum cleaner equipped with a HEPA filter.

6. Do not drill holes in asbestos-containing materials such as transite walls, asbestos-cement sheets, etc.

7. Do not remove ceiling tiles located below the asbestos containing materials without wearing the proper respiratory protection.

8. If you suspect contamination of the body and clothes with asbestos, make sure to wash hands and face or take shower, depending upon the degree of contamination and wash clothing with water before leaving the workplace.

9. Call Industrial Hygiene (Ext. 3750) with any question you may have regarding asbestos.