

UNION CARBIDE CORPORATION
INTERNAL CORRESPONDENCE

Jim Dement

P. O. BOX 471, TEXAS CITY, TEXAS

(Texas City asbestos info)

TO: M. E. Durdin
M. D. Lindsey
L. D. Pell
J. A. Roberts

DATE: November 7, 1986

CC: R. A. Mendez
J. B. Leverton

SUBJECT: ASBESTOS STANDARDS

The attached recommendations represents this committee's study on OSHA's final asbestos standards, and its impact on the Maintenance Department.

Following the charter provided, we reviewed OSHA's occupational exposure standards 29 CFR. 1910.1001 and 29 CFR 1926.58. Our conclusions and recommendations yielded from this study, are divided into four (4) major categories.

Maintenance Procedure D-12
Personal Protection Equipment
Training
Summary

These categories are attached for your information and review.

If you have any questions or comments concerning the attached documents, please contact anyone of us.

H. J. Augustus
H. J. Augustus

K. E. Martin
K. E. Martin

J. E. Barnes
J. E. Barnes

R. E. Woodcock
R. E. Woodcock

P. J. Bartlett
P. J. Bartlett

/mdv

RECEIVED
JAN 26 1987
MAINTENANCE DEPT.

UCC 006367

TRAINING REQUIREMENTS

OSHA standards will require extensive revisions in our monitoring procedures, medical surveillance, and employee training programs.

Monitoring changes are now being reviewed by the Industrial Hygiene Department. New equipment has been purchased and is currently in use. The medical surveillance program may be adequate. Representative from Health Services should review their requirements and adjust their procedures accordingly.

All employees entering a regulated area will require specific indepth training.

Effective 1/17/87, OSHA will require that a "competent person or persons" be certified in all aspects of handling asbestos. We as a committee, feel additional certification will be necessary due to anticipated State demands.

PERSONAL PROTECTION EQUIPMENT

OSHA's standards changes will necessitate heavy demands for new asbestos abatement equipment. This committee recognizes the urgency in placing orders for this equipment in an effort to meet OSHA's time schedule and utilize 1986 budget dollars.

Please review our estimates listed below. Purchasing procedures can begin upon management approval of these recommendations. It should be noted that equipment needs may require updating as we adjust to the new standards in 1987.

ITEM	NO. REQUIRED	EST. COST
Portable Change Facility	3	\$45,000
Negative Air Pressure System	1	3,000
HYDA Vacuums Systems	6	7,000
Powered Air Purifying Resp.	12	6,000
Misc. Item/Replacement Parts		
Filters/Warning Signs		4,000
Total Equipment Expenses		\$65,000

1986 TRAINING

Certified "Competent Person"	2	\$ 2,000
Insulator Procedure Training (1986 Maintenance Training Procedure)		

1987 Recommended Training

Additional "Competent" People		\$ 2,000
Insulator State Certification (First Quarter)		\$ 750

MAINTENANCE PROCEDURE D-12 REVISIONS

Significant revisions to our Maintenance Procedure D-12 (Asbestos handling), are a direct result of OSHA's final asbestos standards changes. The reduction in OSHA's exposure limits allowed handling procedure changes from 2.0 to 0.2 fibers per cubic centimeter of air, as measured in an 8-hour time-weighted average. Consequently there is a significant impact on both personal protection requirements as well as confinement of contaminants procedures.

The proposed updated Maintenance Procedure D-12 is attached in the first category. However, it should be noted that this procedure is subject to future revisions as additional OSHA standards information becomes available.