PLAINTIFF'S EXHIBIT

DOW-2066

ROUTE QUICKLY

CIRCULATE: 12/5/88

~~HENDRICKS~~
~~HILL~~
~~JOHNSTON~~
~~MITCHELL~~
~~RALL~~

✓WHITLOW - LAST
FILE ASBESTOS

# INDUSTRIAL HYGIENE HI—LITES

VOLUME 2 NO. 4 NOVEMBER 23, 1988

## ASBESTOS

A. TEXAS OPERATIONS ASBESTOS HANDBOOK - 1988 Edition

The asbestos handbook has been revised and is available through the Safety Department, B-101, phone 3224. Three new sections have been added. These are:

1. Asbestos Work in Public Buildings;
2. Minimum Requirements for working with transite and asbestos shingles; and
3. Minimum Requirements for cutting, drilling or abrading transite and asbestos shingles.

In addition, the new Excursion Limit for asbestos has been included in the handbook.

B. ASBESTOS STANDARD AMENDMENTS

OSHA has amended the Construction Standard (OSHA 1926.58) and the General Industry Standard (OSHA 1910.1001) by adding an Excursion Limit. Information about the amendments is given below.

EXCURSION LIMIT: 1 fiber/cc for 30 minutes.

REQUIREMENTS:

1. Exposure Monitoring - Representative 30-minute short-term employee exposures must be determined on the basis of one or more breathing-zone air samples representing 30-minute exposures associated with operations that are most likely to produce exposures above the excursion limit for employees in each work area. Initial monitoring is required unless the employer has monitored after March 14, 1988, for the short-term excursion limit, or the employer has relied upon objective data that demonstrates that asbestos is not capable of being released in airborne concentrations at or above the excursion limit. The compliance date for initial monitoring is December 13, 1988.

(See other side.)

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ASBESTOS STANDARD AMENDMENTS (Cont'd)

(The asbestos standards issued in 1986 outlined specific requirements in the areas listed below. These requirements remain the same but are triggered by exposures that exceed the new excursion limit as well as by the action level, 0.1 f/cc, or PEL, 0.2 f/cc. The compliance date is listed in parenthesis.)

2. Regulated Area (December 13, 1988)
3. Engineering Controls and Work Practices (March 13, 1989)
4. Respiratory Protection (December 13, 1988)
5. Protective Work Clothing and Equipment (December 13, 1988)
6. Hygiene Facilities and Practices (September 14, 1989)
7. Warning Signs (December 13, 1988)
8. Training Program (December 13, 1988)
9. Medical Surveillance (December 13, 1988)

The Industrial Hygiene Department has been and will continue to conduct initial monitoring. Please contact your Industrial Hygienist for assistance in monitoring the following types of jobs:

1. Removal of asbestos insulation, even small jobs if glove bags are not used;
2. Installation and removal of spiral-wound gaskets; and
3. Operations where mechanical means are used to remove asbestos, (valve repair, removal of large gaskets from exchangers, etc.).

If you have any questions, contact the Industrial Hygienist for your area or Donna Hicks at extension 5036.

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