

CELANESE CHEMICAL COMPANY
Chemcel Plant
Bishop, Texas

PLAINTIFF'S
EXHIBIT
CEL-36

To: J. D. Cantrell

From: Ann E. Retherford - *Bi* AER-12-76

March 8, 1976

Arthur Brothers Airborne Asbestos Measurements

Attached are asbestos monitoring results of Arthur Brothers employees. Sampling was performed while men removed insulation containing asbestos from pipes in the Boilerhouse No. 11 and 12 area.

Measurements were obtained (as per Federal Register, Vol. 39, No. 125, p. 23544) by attaching monitoring equipment to the Arthur Brothers employees thought to be most exposed to the airborne asbestos.

To enable Arthur Brothers to conduct their own OSHA-required asbestos monitoring, a program is now underway to train Mr. R. S. "Dick" Moseley of Arthur Brothers in correct monitoring procedures.

This monitoring complies with the Occupational Safety and Health Act, Section 1910.1001 (Appendix I).

Ann E. Retherford
Ann E. Retherford

AER/dh

Attachments

cc: Messrs. G. R. Behling - Chemical
G. D. Boyd
W. H. Meyer
P. J. Volpe
R. S. Moseley - Arthur Bros.
W. T. McNair - CCCTC
Central Files

Unit terms:
Asbestos
Monitoring
Arthur Brothers
OSHA

004005

File: 259:2

Table I
Asbestos Monitoring Results

Date	Name	Social Security No.	8-Hour Time Weighted Average Exposure (fibers/cc) (1)(2)(3)	Highest Exposure
1-29-76	Erasm Rodriguez	453-50-4957	.11	.26
1-29-76	Arnold Garza	458-62-4980	.10	.10
2-02-76	Erasm Rodriguez	453-50-4957	.15	.68
2-02-76	Arnold Garza	458-62-4980	.10	.43

(1) Federal Register, Vol. 39, No. 125, page 23540 (8-hr. TWA calculation).

(2) Phase Microscopic Fiber Counting by National Loss Control Service Corp., Long Grove, Ill., February 19, 1976.

(3) Permissible 8-Hour TWA Exposure to Airborne Concentrations of Asbestos Fibers: 55 fibers longer than 5 micrometers per cubic centimeter of air. (Federal Register, Vol. 39, No. 125, page 23543).

004006

Appendix I

Occupational Safety and Health Act
Asbestos Regulation, Section 1910.1001

Section 1910.1001 Asbestos

Sampling Frequency and Patterns

After the initial determinations, samples shall be of such frequency and pattern as to represent with reasonable accuracy the levels of exposure of the employees. In no case shall sampling be at intervals greater than 6 months for employees whose exposures to asbestos may reasonably be foreseen to exceed the exposure limits.

004007