PLAINTIFF'S EXHIBIT
CEL-34

CELANESE CHEMICAL COMPANY
Chemcel Plant
Bishop, Texas

To: Plant OSHA Committee *

From: J. M. Jackson JMJ 17-73 August 23, 1973

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Airborne Asbestos Measurement

Airborne concentration of asbestos levels during SEO Celanex 3310 production has been determined. Results are below the Threshold Limit Value (TLV [1] - 5 fibers/ml >5 in length). Table I.

Monitoring equipment was attached to the operator during handling of the asbestos fiber filler for SEO Celanex 3310 production. Sampling period covered the entire period of handling. Asbestos concentration was less than the 5 fibers/ml. [2]

From these data and data reported in RLD 23-72, it is recommended that Celcon airborne asbestos sampling be scheduled during the first and third quarter of each year. This sampling frequency will be in accordance with the Occupational Safety and Health Act, Section 1910.93a (Appendix I).

James M. Jackson
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JMJ/bb
Attachments: 2
cc: Messrs. J. H. Frick
K. B. Rollins
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References:

1. Threshold Limit Values (TLV) American Conference of Governmental Industrial Hygienists, 1972.

2. Federal Register, Occupational Safety and Health Administration; Wed. Oct. 18, 1972; Volume 37, Number 202, Section 1910.93a.

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TABLE I

Airborne Asbestos Levels
During SEO Celanex 3310 Run

Date	Fibers/ml [1] > 5 in Length
6-18-73	0.010
6-19-73	0.030
6-20-73	0.006
6-21-73	0.000

1. Microscopic fiber counting by M.A. Sieminski, Celanese Research Co., Summit, N.J. Ref. MAS 73-118, August 10, 1973.

APPENDIX I

Occupational Safety and Health Act
Asbestos Regulation Section 1910.93a

Section 1910.93a Asbestos

Sampling Frequency and Patterns

"After initial determinations, samples shall be of such frequency and pattern as to represent with reasonable accuracy the levels of exposure of 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 exposure limits."