PLAINTIFF'S EXHIBIT
FD-1356

Inter Office

Personnel and Organization Staff

February 23, 1973

Mr. W. L. Hall, Manager
Safety and Security
Automotive Assembly Division

cc P. D. Malboeuf
W. J. O'Sullivan

Subject: Asbestos in Air Sampling, Emission Building - Automotive Assembly Division

The Department of Labor, under the authority of the Occupational Safety and Health Act of 1970, in Section 1910.93a of the Federal Register dated October 18, 1972 has promulgated occupational health standards in relation to the use of asbestos and asbestos laden materials. In response to these standards, a survey of Ford Motor Company operations relevant to the use of asbestos was conducted. The Emissions Building located at the Automotive Assembly Division was reported to have walls and ceilings insulated with sprayed asbestos fiber. Because there has been some flaking of these walls and ceilings, general air samples were taken in the building to ascertain the ambient fiber count of asbestos in the room air. Results of the samples taken are attached.

Although flaking of the walls and ceilings of the building is visible, it appears that the asbestos insulation is staying banded in large pieces rather than releasing a fibrous dust. The OSHA Threshold Limit Value for asbestos is five fibers greater than five microns in length per milliliter of air with a reduction to two fibers greater than five microns per ml effective July 1, 1976. A review of the data reveals that all air samples taken are well within the TLV.

If there are any questions, please contact us.

Henry B. Lick
Industrial Hygienist
Industrial Hygiene Section
Employe Health Services Department

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Attachment

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SCF-FORD-0992

December 4, 1972

Data Sheet

Automatic Assembly Division Emissions Building

Location	Concentrations of Fibers Greater than 5 Microns in Length per Milliliter of Air as Asbestos
OSHA Threshold Limit Value (TLV)	5
" " " " effective July 1, 1976	2
1. General room air sample, Emissions Building annex near south wall	0.03
2. " " " " " " southwest corner at teletype	0.05
3. " " " " " " northeast wall near thermostat	0.07

Instrumentation: MSA Model G Portable Pump at 2 liters per minute and Millipore Type AA membrane filter.

Analysis: 430x Phase contrast microscopy -
Analysis of dust on membrane filters performed by Environmental Health Laboratories; Farmington, Michigan

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Employe Health Services Department

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