



PLAINTIFF'S EXHIBIT

FD 1417

Inter Office

Personnel and Organization Staff

December 8, 1980

E. Wise, Manager
Dearborn Engine Plant

cc R. Best J. Morgan
T. Dozier D. J. Sherman, M.D.
R. J. Manthey

Subject: Industrial Hygiene Asbestos Studies at Various
Gasket Installation Operations

Industrial Hygiene Services Section conducted asbestos studies at: EGR Valve, Carburetor and Clutch Plate Assemblies and at the Heat Test operation to quantify airborne asbestos fiber exposure to the employees at each station. With the exception of the Clutch Plate, the asbestos is sealed in some manner in the gaskets used so as to retard fiber escape into the air.

Employees' breathing zone samples were all less than permissible limits for both total exposure to asbestos (2 fibers/cc) and exposure requiring medical monitoring (0.1 fibers/cc). It is felt that operations under current performance conditions do not pose a health hazard to employees.

Linda Parrish
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Attachment
dt

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INDUSTRIAL HYGIENE SERVICES SECTION
INDUSTRIAL HYGIENE AND TOXICOLOGY DEPARTMENT
EMPLOYEE HEALTH SERVICES

DEARBORN ENGINE PLANT
October 13, 1980

Department 6684

PERMISSIBLE OCCUPATIONAL EXPOSURE LIMIT TO AIRBORNE CONTAMINANTS:

(f/cc = fibers per cubic centimeter air)

<u>Contaminant</u>	<u>8-Hour Time Weighted Average Permissible Exposure Limit</u>
Asbestos	2.0 f/cc

RESULTS

<u>Employee Name</u>	<u>S.S. Number</u>	<u>Location</u>	<u>Airborne Asbestos Exposure, f/cc</u>
S. Whitted	380-42-8303	EGR Valve Assembly	N.D.
A. Seambati	378-40-6231	Carburetor Assembly	N.D.
M. El-Khali	368-52-0388	Heat Test	N.D.
C. Madison	495-16-5894	Clutch Plate Assembly	0.03
L. Kiliaris	377-56-2571	Clutch Plate Assembly	N.D.
H. Stanton, Jr.	421-10-3053	Clutch Plate Assembly	N.D.

N.D. = Asbestos fiber total count less than blank filter fiber count

DATA RETRIEVAL NUMBERS: LCP-533 through LCP-538

INSTRUMENTATION: Bendix BDx personal sampling pumps with 0.8 u AA filters in
open-face cassettes

ANALYSIS: Ford Motor Company Industrial Hygiene Laboratory
Analysis performed by L. Latorre, Senior Industrial Hygienist

FORD MOTOR COMPANY
Industrial Hygiene & Toxicology Laboratory
Accredited & Certified by
American Industrial Hygiene Association

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