



File Code

Date

To-Name & Department

Division

August 2, 1976

Plant/Office

CIMS Num

J. W. Murphy
from-Name & Department

Plant Manager

General
Manufacturing
DivisionDetroit Forge
and Axle
Plant/Office

440-

CIMS Num

L. P. Gendernalik

Industrial Hygiene

Employee &
Indus. Relat.Chrysler
Center

417-

Subject:

SEMI-ANNUAL ASBESTOS SURVEYPLAINTIFF'S
EXHIBIT

CHR-103

On June 9, 1976 the regular asbestos survey was conducted by the writer at the Eldon Axle Plant, as required by the regulations of the Occupational Safety and Health Administration (OSHA) (29 CFR 1910.1001). The results of this survey are indicated on the attached data sheets, which must be retained for a minimum of 20 years as required by OSHA regulations.

As noted on the data sheets, the maximum employee exposure found during the present survey was 0.5 asbestos fibers (greater than 5 microns in length) per cubic centimeter of air. This is only 25% of the permissible limit of 2.0 fibers/cc which became effective on July 1, 1976. Most exposures are well below this level. Review of previous survey results also indicates that all asbestos exposures at the Eldon Axle Plant are well below the allowable limits. In view of these findings, it has been determined by Corporate Industrial Hygiene that future asbestos surveys at the Eldon Axle Plant can be conducted on an annual basis, rather than the semi-annual basis which has been followed in the past, with no loss of protection for the involved employees.

L. P. Gendernalik, Ph.D.
L. P. Gendernalik, Ph.D.
Senior Industrial Hygienist

Attachment

cc: G. M. El-Alayli, M. D.
J. E. Harbour
J. J. Hayes
C. W. Loudon
N. McCallum
R. D. McIntosh, M. D.
W. M. O'Brien

PLAINTIFF'S
EXHIBIT

NO. CH-30

Data Sheet
Eldon Axle Plant
June, 1976

Asbestos

	Asbestos Concentration fibers ($>5\mu$)/cc
Permissible exposure limit, effective July 1, 1976	2.0
<u>Location-</u>	
Department 78:	
(1) Glue application room, glue line operator	0.5
(2) Lining transfer station west of Oven #1	0.3
(3) Oven #1, loader	0.1
(4) Oven #1, loader	0.1
(5) Oven #1, unloader	0.3
(6) Oven #1, unloader	<0.1
(7) Oven #1, radius grinder #135 operator	0.2
(8) Oven #1, radius grinder #134 operator	<0.1
(9) Oven #1, Rockwell belt sander operator	0.5
(10) Oven #2, loader	0.1
(11) Oven #2, loader	<0.1
(12) Oven #2, unloader	0.1
(13) Oven #2, unloader	<0.2
(14) Oven #2, radius grinder #136 operator	<0.1
(15) Oven #2, radius grinder #141 operator	0.1
Department 27:	
(16) Inspection table near load end of Oven #2, chiseling linings off of shoes	0.4
Department 35:	
(17) Cutter grinder area, operating grinder (B.T.#229) with diamond wheel	<0.1
(18) Cutter grind area, operating grinder (B.T.#2525) with diamond wheel	<0.1
(19) Cutter grind area, operating grinder (B.T.#228) with diamond wheel	<0.01

Asbestos fibers were collected on membrane filters and determined by optical microscopy.