

To- Name & Department

Division

Plant/Office

CIMS Number

J. W. Murphy
From-Name & Department

Plant Manager

GMD
DivisionDetroit Forge
and Axle
Plant/Office440-00-6
CIMS Number

L. P. Gendernalik Industrial Hygiene

Employee &
Indus. Relat.

Chrysler

417-05-15

Subject: PERIODIC ASBESTOS SURVEY - ELDON AXLE

On June 30 and July 19, 1978 the periodic asbestos exposure survey was conducted at the Eldon Axle Plant by the writer and D. N. James. The results are shown on the attached data sheets, and indicate no excessive employee exposures to asbestos.

Discussion

On June 30, 1978 it was observed that asbestos dust was blowing back out of the ventilation system in Department 78 during the shakedown cycle of the dust collector. As indicated, this resulted in very high asbestos levels at the equipment, but did not result in excessive employee exposures. On July 19, 1978 this operation was re-investigated, following changes in the operating procedure for the dust collector shakedown, and it was found that the condition had been corrected. Careful attention to proper operating procedures by the pelletizer operators is necessary to avoid similar occurrences.

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

hm
Attachments

cc: F. M. Borawski
N. McCallum
W. M. O'Brien
G. A. Sattelmeier
R. C. Sprague

PLAINTIFF'S EXHIBIT

CHR-290

Data Sheet
Eldon Axle Plant
June, 1978

Asbestos

Permissible Exposure Limit	Asbestos, fibers(>5u)/cc 2.0
<u>Location</u>	
Department 78	
(1) east of #2 oven, grinding burrs off L-Body shoes	< 0.1
(2) repeat of above	0.1
(3) glue room operator	< 0.1
(4) glue room operator	0.2
(5) Line #1, oven loader	< 0.1
(6) Line #1, oven loader	< 0.1
(7) Line #1, oven unloader	< 0.1
(8) Line #1, unloader	< 0.1
(9) Line #1, grinder #137 operator	< 0.1
(10) Line #2, oven loader	< 0.1
(11) Line #2, oven loader	< 0.1
(12) Line #2, oven loader	< 0.1
(13) Line #2, oven unloader	< 0.1
(14) Line #2, oven unloader	< 0.1
(15) Line #2, grinder #141 operator	< 0.1
(16) Line #2, grinder #134 operator	0.2
(17) Line #2, Rockwell vertical belt sander operator	< 0.1
(18) stacking shoes, lines #1 and #2	< 0.1
(19) dust collector pelletizer operator (Dept. 25)	0.2

- 2 -
Data Sheet
Eldon Axle Plant
June, 1978

Asbestos

Permissible Exposure Limit		Asbestos, fibers (>5 μ)/cc 2.0
<u>Location</u>		
Department 78		
June 30, 1978:		
source sample, line #2, grinder #1411, during shakedown of dust collector (not a personal exposure)		87
source sample, line #2, vertical belt sander, during shakedown of dust collector (not a personal exposure)		93
(20)	personal sample, general vicinity of #2 oven unload, during shakedown of dust collector	0.9
(21)	repeat of above	0.4
July 19, 1978: (after correction of dust collector shake- down procedure)		
source sample, line #2, grinder #134, during shakedown of dust collector		< 0.1
Department 80		
(22)	Staking machine #1 operator	< 0.1
(23)	Staking machine #5 operator	< 0.1
(24)	Staking machine #6 operator	< 0.1