



Data Sheet

DETROIT FORGE AND AXLE PLANT

Asbestos Survey

December 1975

Sample Location

Asbestos Fiber
Concentrations*

Current OSHA Standard

5.0

July 1, 1976 OSHA Standard

2.0

Department 78

- | | | |
|-----|--|-------|
| (1) | Personal air sample, brass tag number 723
belt sander operator | 0.1 |
| (2) | Personal air sample, Rockwell Delta belt
sander operator | < 0.1 |
| (3) | Personal air sample, operator of the belt
sander located approximately 10 ft. from
the exit of the #1 oven | 7.2 |
| (4) | Personal air sample, repeat of sample (3)
above | 4.8 |
| (5) | General air sample, directly adjacent to the
exit of the #1 oven, Bay S19 | 0.2 |
| (6) | Personal air sample, #134 XLO
grinder operator | < 0.1 |
| (7) | Personal air sample, #135 XLO
grinder operator | < 0.1 |
| (8) | Personal air sample, #55-0136 and 55-143
XLO grinder operator | < 0.1 |
| (9) | Personal air sample, #550141 XLO grinder
operator | < 0.1 |

Detroit Forge and Axle Plant

<u>Sample Location</u>	<u>Asbestos Fiber Concentrations</u>
<u>Department 78 - continued</u>	
(10) General air sample, directly adjacent to XLO grinder P2642, Bay S15	0.1
(11) Personal air sample, unloading the #1 oven	0.1
(12) Personal air sample, unloading the #1 oven	< 0.1
(13) Personal air sample, unloading the #1 oven	< 0.1
(14) Personal air sample, unloading the #2 oven	< 0.1
(15) Personal air sample, unloading the #2 oven	< 0.1
(16) Personal air sample, unloading the #2 oven	< 0.1
(17) Personal air sample, loading the #1 oven	< 0.1
(18) Personal air sample, loading the #1 oven	< 0.1
(19) Personal air sample, loading the #1 oven	0.1
(20) Personal air sample, loading the #2 oven	0.1
(21) Personal air sample, loading the #2 oven	0.2
(22) Personal air sample, transfer of brake linings on the west side of the #1 oven	1.0

Detroit Forge and Axle Plant

<u>Sample Location</u>	<u>Asbestos Fiber Concentration</u>
<u>Department 78 - continued</u>	
(23) Personal air sample, transfer of brake linings on the west side of the #1 oven	0.3
(24) Personal air sample, glue room, glue application machine operator	0.1
(25) Personal air sample, glue room, placing freshly glued linings on a conveyor	0.1
(26) General air sample, glue room, adjacent to the doorway at breathing zone level, Bay Q 24	0.1
(27) Personal air sample, baghouse shakedown, loading four cardboard boxes with asbestos dust (employee was wearing an air-purifying respirator)	4.1
<u>Department 80</u>	
(28) Personal air sample, line 7 brake shoe assembly	0.1
(29) Personal air sample, line 5 brake shoe assembly	0.3
(30) Personal air sample, #1 Gangler press operator	0.7
(31) Personal air sample, #2 shoe and lever machine operator	0.8
(32) Personal air sample, stacking brake shoes for the assembly operation on line 7	< 0.1
(33) Personal air sample, loading the finished brake assembly into a tote bin	< 0.1

Detroit Forge and Asic Plant

Sample Location

Asbestos Fiber
Concentrations

Department 80 - continued

(34) General air sample, six feet south of the
finished brake assembly conveyor at breathing
zone level, Bay DD 19

0.1

*Asbestos fiber concentrations are given in fibers (greater than 5 microns in length) per cubic centimeter of air.

Detroit Forge and Axle PlantSample LocationAsbestos Fiber
ConcentrationsDepartment 78 - continued

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(25)	Personal air sample, glue room, placing freshly glued linings on a conveyor	0.1
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Department 80

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(30)	Personal air sample, #1 Gangler press operator	0.7
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(32)	Personal air sample, stacking brake shoes for the assembly operation on line 7	< 0.1
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Detroit Forge and Asic Plant

Sample Location

Asbestos Fiber
Concentrations

Department 80 - continued

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