

Data Sheet
Trenton Chemical

Asbestos
November and December 1976

<u>Location</u>	<u>Concentration</u> (Fibers per cubic centimeter of air)
OSHA Permissible Exposure Level	2.0
1) Personal air sample, #1 Bipel operator	1.7
2) Personal air sample, #2 Bipel operator	0.4
3) General air sample, Bay F-4, immediately adjacent to the west side of the #15 hot press	0.4
4) Personal air sample, #3 Bipel operator, with the slot hood near the employee's breathing zone and the vertical shield attached, time-weighted average concentration	1.4
5) Personal air sample, #3 Bipel operator, with the slot hood near the employee's breathing zone and without the vertical shield attached, time-weighted average concentration	0.8
6) Personal air sample, #17 and #18 hot press operator	1.3
7) General air sample, Bay F-6, immediately adjacent to the north side of the #22 hot press	0.7
8) Personal air sample, #4 Bipel operator	1.4
9) Personal air sample, #19 and #20 hot press operator	0.2
10) Personal air sample, #5 Bipel and #21 hot press operator	0.6
11) Personal air sample, #6 Bipel operator, time-weighted average concentration	0.6
12) Personal air sample, #25 and #26 hot press operator	0.7
13) Personal air sample, #7 Bipel operator	1.7

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<u>Location</u>	<u>Concentration</u> (Fibers per cubic centimeter of air)
OSHA Permissible Exposure Level	2.0
14) Personal air sample, #8 Bipel operator	0.1
15) Personal air sample, #1 and #2 Permafuse machine operator	0.8
16) Personal air sample, #3 and #4 Permafuse machine operator with no Bipel press operating	0.2
17) Personal air sample, #3 and #4 Permafuse machine operator with all Bipel presses operating	0.4
18) Personal air sample, aluminum gasket inspection and packing after Myr oven unloading	1.4
19) Personal air sample, loading and unloading disc brake shoes at the Myr ovens	0.8
20) Personal air sample, champ grinder operator on the Mopar line	<0.1
21) Personal air sample, proof test machine operator on the Mopar line	0.5
22) Personal air sample, loading conventional brake shoes into the #41 overhead oven	<0.1
23) General air sample, Bay E-9, directly between the screw conveyors leading outside, at breathing zone level	0.1
24) Personal air sample, K101 inspection and packing	0.4
25) Personal air sample, packing disc brake pads on the 4-pack line	1.0
26) Personal air sample, #2 proof test and slot grind operator	1.4

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<u>Location</u>	<u>Concentration</u> (Fibers per cubic centimeter of air)
OSHA Permissible Exposure Level	2.0
27) Personal air sample, #2 slot grind and flat finish inspector	0.1
28) Personal air sample, #3 proof test and slot grind operator	1.0
29) General air sample, Bay B-7, five feet west of the #3 proof test operation	0.3
30) Personal air sample, stacking conventional brake linings on the #2 OEM line	0.9
31) Personal air sample, packing conventional brake linings into cardboard boxes on the #2 OEM line	0.1
32) Personal air sample, OEM grinder operator, time-weighted average concentration	0.3
33) General air sample, immediately adjacent to the #4 hammer mill on the mezzanine	0.2
34) Personal air sample, conveyor loading and unloading on the #1 saw line, time-weighted average concentration	0.9
35) Personal air sample, saw loading and Bolling Press operation on 1-4 saw lines	0.2
36) Personal air sample, loading disc brake shoes into the Conforming Matrix Washer, time-weighted average concentration	1.2
37) Personal air sample, south (#1) weigh-up	0.3
38) Personal air sample, north (#2) weigh-up and #4 Lodge unloading	0.5

All determinations of airborne asbestos fiber concentrations were made by the Industrial Hygiene Laboratory using the OSHA dictated membrane filter method at a magnification of 430X with phase contrast illumination.