FILE NAME: Asten Hill (AH)

DATE: 1974 Mar

DOC#: AH045

DOCUMENT DESCRIPTION: Unpublished Inspection Results

PLAINTIFF'S EXHIBIT
SF 705

March 21, 1974

MAR 25 1974

Mr. William Finn
Asten-Hill Mfg. Company
859 Seventh N. W.
Salem, Oregon 97304

Dear Mr. Finn:

Enclosed you will find the results of the atmospheric samples you took for asbestos.

The last three samples on the list at the No. 11 loom and the two taken at the two No. 6 looms all were much above the permissible level of 5 fibers per milliliter (FB/ML). On the No. 6 loom with the air system on, the fiber count is reduced by about one-third. This shows how much ventilation can do, however, it is still above the permissible level.

If you have any questions or want help at some future time, please feel free to write or call.

Very truly yours,

A F Schoenborn

A. F. Schoenborn
Industrial Hygienist
Safety Services
State Accident Insurance Fund
Labor and Industries Building
Salem, Oregon 97310

AFS:ph
Enc.

cc: Mr. E. Christensen
Mr. G. Fowler

One

Health Section
Oregon State Health Division

81

ASBESTOS, ATMOSPHERIC — A.F. SCHOENBORN

RECEIVED: 1 MARCH 1974 — S.A.I.F.

COMPLETED: 18 MARCH 1974

REPORTED: 20 MAR 74

METHOD: PHASE CONTRAST MICROSCOPY

SOURCE: ASTEN HILL, SALEM

TLV = 5 FIB/ML — COUNTING AREA = 0.0094 MM^2 FILTER AREA = 355 MM^2

53-0452 — #6 LOOM 875-R, FILTER # 351, A-H — 0.0434 M3

JAMES KELLEY

K = $\frac{355}{0.0094}$ = 90,957.45 — 27 FIB/25 FIELDS = 1.080 FIB/FIELD.

1.080 x 90,957.45/43,400 ML = **2.26** FIB/ML

53-0453 — #12 LOOM - SITKA, FILTER # 353, A-H — 0.0490 M3

RICHARD HINNES

30 FIB/25 F. = 1.20 FIB/FIELD

1.20 x 90,957.45/49,000 ML = **2.23** FIB/ML

53-0454 — FILTER # 354, A-H — 0.0462 M3

IRVIN JONES

24 FIB/25 F = 0.960 FIB/FIELD

0.960 x 90,957.45/46,200 ML = **1.89** FIB/ML

53-0455 — #11 LOOM - FILTER # 355, A-H — 0.0449 M^3

CHARLES DAWKINS 73-L

283 FIB/25 FIELDS = 11.32 FIB/FIELD

11.32 x 90,957.45/44,900 ML = **22.93** FIB/ML

53-0456 — #6 LOOM, FILTER # 356, A-H — 0.043 M3

LARRY COOPER, 71-L, AIR SYSTEM NOT ON

260 FIB/25 F. = 10.400 FIB/FIELD

10.400 x 90,957.45/43,000 ML = **22.00** FIB/ML

53-0457 — #6 LOOM FILTER # 357, A-H, LARRY COOPER 71-L — 0.0422 M^3

AIR SYSTEM ON 73 FIB/25 F. = 2.92 FIB/FIELD

2.92 x 90,957.45/42,200 ML = **6.29** FIB/ML

2AST1108662

SAMPLE REPORT

SAIF SERVICE

FIRM Asten-Hill, Salem, Ore. DATE RECD: 3/1/74

ANALYZE FOR Asbestos

	Location of Sample	Pump No.	Filter No.	Sample Time Start	Sample Time Finish	Calib. Time MIN.	Sample Weight	[redacted] M3	TLV
53-0452	#6 LOOM - 371-L JAMES KELLEY	AH	351	10:41	11:12	3.95		.0434	30
53-0453	#12 LOOM - SITEA RICHARD HUGHES	AH	353	11:26	11:59	3.92		.0490	34
53-0454	WARPER - IRVIN JONES	AH	354			4.12		.0462	33
53-0455	#11 LOOM - CHARLES DARRINS 73-L	AH	355			4.03		.0449	32
53-0456	#6 LOOM - LARRY COOPER 71-L, AIR SYSTEM NOT ON	AH	356			4.12		.0430	31
53-0457	#6 LOOM - LARRY COOPER 71-L - AIR SYSTEM ON	AH	357			4.15		.0422	31

Sampled By WILLIAM A. FINN

Analyzed By _____

$$C.00566 \times \frac{T_1(\text{SAMPLE})}{T_2(\text{COLUM.})} = M^3 \left(\frac{\text{CUBIC METER}}{\text{CC AIR}}\right)$$

2AST1108663