PLAINTIFF'S EXHIBIT

UC-4346

UNION CARBIDE INTERNAL CORRESPONDENCE

METALS DIVISION

P.O. BOX 579 - 4625 ROYAL AVE., NIAGARA FALLS, NEW YORK 14302

To (Name) Mr. B. L. Ingalls
Division UCC-Metals Division
Location Niagara Falls, New York

Date July 21, 1981

Originating Dept. "Calidria" Asbestos

Answering letter date

Copy to Messrs.
R. E. Byrne, Jr.
D. C. Kleber
W. L. Murphy
J. L. Myers
H. B. Rhodes
File

Subject Airborne Asbestos Counts
for UCC-Niagara Falls, Bldg. #169

Enclosed is the report concerning the asbestos air monitorings conducted in Bldg. #169. As the report outlines, four environmental samples were taken which include the pilot plant production, storage and general work areas. Time-weighted averages have been calculated for each location.

Please let me know if there is anything further you need on this.

F. L. Smith/dal

F. L. Smith

FLS:dal
Enclosure

X410650

AIRBORNE ASBESTOS COUNTS

for

Union Carbide Corporation
Niagara Falls, New York
Bldg. #169

Date Sampled: June 25, 1981
Date Reported: July 20, 1981

Samples Collected By: F. L. Smith
Union Carbide Corporation

Samples Analyzed By: F. L. Smith
Union Carbide Corporation

Reported By: F. L. Smith
Union Carbide Corporation

Union Carbide Corporation
Metals Division
Niagara Falls, New York

X410651

OBJECTIVE:

To determine airborne asbestos fiber concentrations within a production area containing an asbestos pilot plant operation. Production of asbestos products in this area had last been conducted in 1975.

DESCRIPTION OF OPERATION:

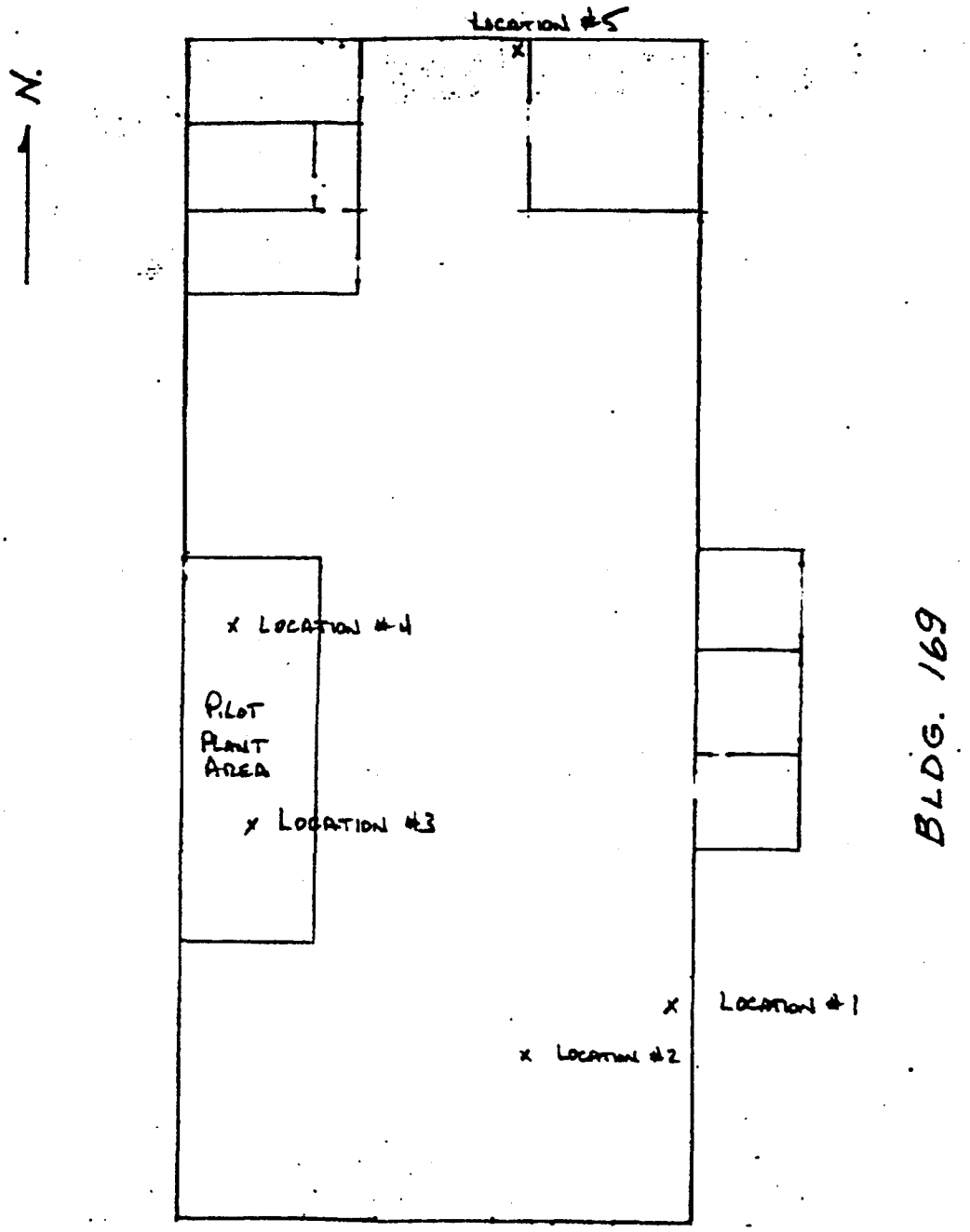
Five environmental samples were obtained in Building #169 at the pilot plant location and within the general work and storage areas. Sampling was conducted during sample preparation activities (not concerning asbestos) on a normal work day for eight hours.

Sample locations are found on Figure 1.

X410652

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FIGURE #1



X410653

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asbestosclaims.law/library/18924/4

SAMPLE EQUIPMENT AND TEST PROCEDURES

Sampling and dust counting are carried out in accordance with OSHA Regulation 1910.1001, based on NIOSH Analytical Method P&CAM 239 and OSHA methods; reference - Occupational Safety and Health Administration Methods, W. C. Dixon, pp 431, NBS special publication No. 506, U.S. Department of Commerce, November 1978.

Battery-powered air pumps (M.S.A. type), calibrated to 2 liters per minute, are used to collect personal breathing zone and environmental samples on Millipore membrane filters of 0.8 micron porosity. Fiber counting is performed on a Nikon phase contrast microscope at 400X utilizing a Porton reticle for sizing and field definition.

Two results have been reported for each sample - they are:

1. Chrysotile Asbestos - All fibers having an aspect ratio ≥3 and a length >5μ that are in the operator's judgement, chrysotile. In the event of doubt or the absence of further information, any fiber having the above physical dimensions is counted as chrysotile.

2. Possible Amphibole Asbestos - All amphibole asbestos fibers having an aspect ratio ≥3 and a length >5μ. In the event of doubt or the absence of further information, any fiber of similar appearance and dimensions is counted as amphibole asbestos.

COMMENTS

The OSHA regulations permit a maximum limit of 2 fibers greater than 5 microns in length per cubic centimeter of air sampled on the basis of an 8-hour, time-weighted average (TWA). The formula $\frac{C_1T_1 + C_2T_2 + C_nT_n}{\Sigma T}$ describes the TWA where C= fiber count in fibers/cc and T= time.

The regulations also stipulate a ceiling concentration of 10 fibers/cc greater than 5 microns which is not to be exceeded at any time.

LIMITS AND CONDITIONS

1. In compiling this report, Union Carbide followed procedures which it believes to be accurate and reliable but there may be other methods for evaluating asbestos fiber emissions which may produce different results.
2. The air monitoring results reported herein are not necessarily representative of the results which may be found at different locations or under different operating conditions.
3. Any use of or reliance upon the data or other information contained herein by yourself or any other party shall be without any recourse to or liability on the part of Union Carbide.
4. The breathing of asbestos dust may cause serious bodily harm and Union Carbide makes no warranty or guarantee that the results contained herein indicate safe levels of exposure. It is the responsibility of any user of asbestos or asbestos-containing product to ensure that safe handling procedures are employed and that applicable government regulations are complied with. Appropriate literature and other information concerning asbestos and health or regulations are available upon request.
5. Regardless of the results of these tests you should consider the advisability of further air monitoring.

TEST RESULTS

The details of sample collection and resultant fiber counts are listed in the attached table(s).

X410654

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DATA SUMMARY

Bldg. #169
Union Carbide Corporation
Niagara Falls, New York

Sample No.	Time	Minutes	Location	Chrysotile Asbestos >5μ Fiber/Field	Fiber/cc
C-42	on: 7:30A off: 11:30A	240	Environmental Sample #1- Located on third floor storage.	.02	<0.1
L-59	on: 11:30A off: 3:30P	240	Same as C-42.	.04	<0.1
	TWA Chrysotile $\frac{4.08}{480}$ = <0.1				
H-20	on: 7:31A off: 11:31A	240	Environmental Sample #2- Located in second floor laboratory.	.01	<0.1
L-71	on: 11:31A off: 3:31P	240	Same as H-20.	.015	<0.1
	TWA Chrysotile $\frac{1.68}{480}$ = <0.1				
L-55	on: 7:32A off: 11:32A	240	Environmental Sample #3- Located on main floor near portable bag packer.	.01	<0.1
A-81	on: 11:32A off: 3:32P	240	Same as L-55.	.02	<0.1
	TWA Chrysotile $\frac{2.16}{480}$ = <0.1				
A-89	on: 7:33A off: 11:33A	240	Environmental Sample #4- Located on Dryer feed deck.	.03	<0.1
P-40	on: 11:33A off: 3:33P	240	Same as A-89.	.015	<0.1
	TWA Chrysotile $\frac{3.12}{480}$ =< 0.1				
L-33	on: 7:34A off: 11:34A	240	Environmental Sample #5- Located at south end of building.	.025	<0.1
L-72	on: 11:34A off: 3:34P	240	Same as L-33.	.02	<0.1
	TWA Chrysotile $\frac{3.12}{480}$ =<0.1				

X410655

AIRBORNE ASBESTOS COUNTS

for

Union Carbide Corporation
Niagara Falls, New York
Bldg # 169

Date Sampled: June 25, 1981
Date Reported: June 30, 1981

Samples Collected BY: FLS ~~G. L. Dickson~~
Union Carbide Corporation

Samples Analyzed By: F. L. Smith, Jr.
Union Carbide Corporation

Reported By: FLS
G. L. Dickson
Union Carbide Corporation

Union Carbide Corporation
Metals Division
Royal Avenue
Niagara Falls, NY 14302

X410656

OBJECTIVE:

To determine airborne asbestos fiber concentrations within a production area containing an asbestos pilot plant operation. Production of asbestos products in this area had last been conducted in 1975.

DESCRIPTION OF OPERATION:

Five environmental samples were obtained ~~on~~ in building 169 at the pilot plant location and within the general work and storage areas. Sampling was conducted during sample preparation activities (not concerning asbestos) on a normal work day for eight hours.

Sample locations ~~all~~ ARE found on Figure 1.

X410657

DATA SUMMARY

Bldg # 169
Union Carbide Corporation
Niagara Falls, New York

CHRYSOTILE ASBESTOS > 5μ

Sample No.	Time	Minutes	Location	Fiber/Field	Fiber/cc
C-42	on: 7:30A off: 11:30A	240	Environmental Sample #1 located on third floor storage.	.02	<0.1
L-59	on: 11:30A off: 3:30P	240	Same as C-42	.04	<0.1
			TWA CHRYSOTILE $\frac{4.08}{480}$ = <0.1		
H-20	on: 7:31A off: 11:31A	240	Environmental Sample #2 Located in Second floor laboratory	.01	<0.1
L-71	on: 11:31A off: 3:31P	240	Same as H-20	.015	<0.1
			TWA CHRYSOTILE $\frac{1.68}{480}$ = <0.1		
L-55	on: 7:32A off: 11:32PA	240	Environmental Sample #3 located on Main floor near portable bag packer	.01	<0.1
A-81	on: 11:32A off: 3:32P	240	Same as L-55	.02	<0.1
			TWA CHRYSOTILE $\frac{2.16}{480}$ = <0.1		
A-89	on: 7:33A off: 11:33PA	240	Environmental Sample #4 located on Dryer feed derk	.03	<0.1
P-40	on: 11:33A off: 3:33P	240	Same as A-89	.015	<0.1
			TWA CHRYSOTILE $\frac{3.12}{480}$ = <0.1		
L-33	on: /7:34A off: 11:34PA	240	Environmental Sample #5 located at south end of building	.025	<0.1
~~L-72~~ L-12	on: 11:34A off: 3:34P	240	Same as L-33	.02	<0.1
			TWA CHRYSOTILE $\frac{3.12}{480}$ = <0.1		

X410658

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Copy:
JCM
RBS
Bill Murphy
Amy Ideker (on bldg 164)
HBR

Blair -

Enclosed is the report concerning the asbestos air monitorings conducted in Bldg 164. As the report outlines, four environmental samples were taken and include the pilot plant production, storage and general work areas. Time weighted averages have been calculated for each location.

Please let me know if there is anything further you need on this.

X410659

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asbestosclaims.law/library/18924/10

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. L-72 DATE 6/25/87 MICROSCOPIST JS

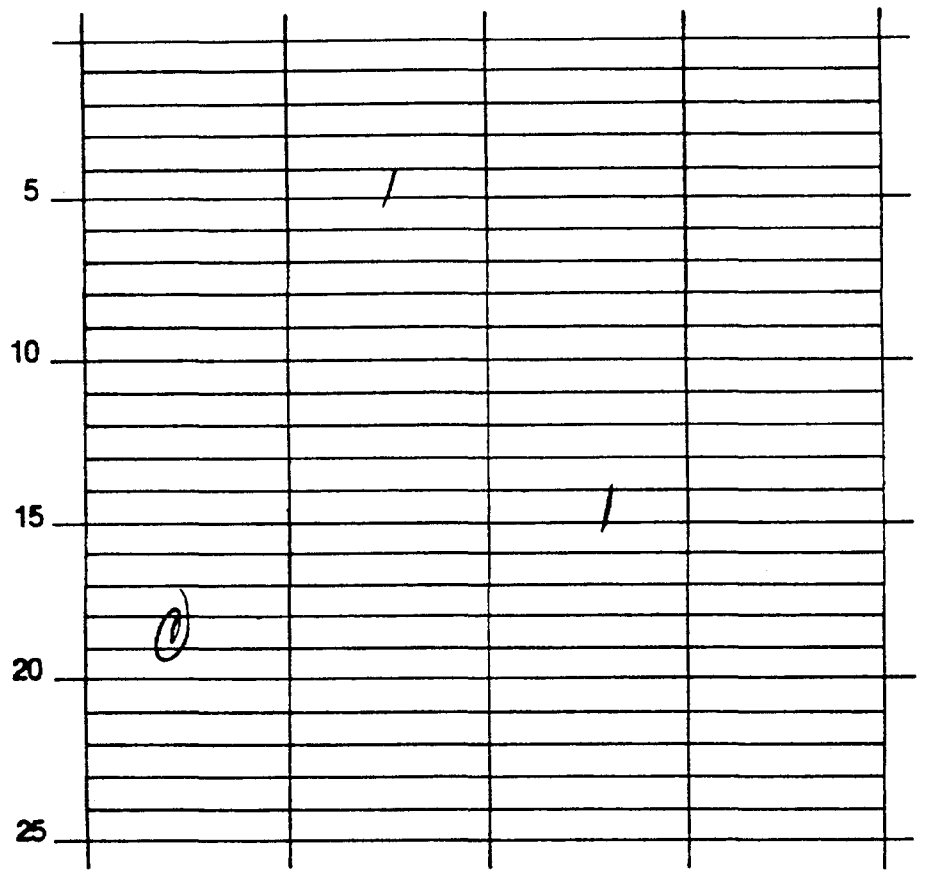
FLOW 2 TIME 240 VOLUME 480ml

OPTICS PC MAG. 450 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE 102/.006 AMPHIBOLE 101/.003 OTHER 1

COMMENTS:



X410660

SAMPLE NO.	DATE	INSPECTOR
G72	6/25/87	JS

INST.	ROTOMETER READING	FLOW RATE (L/M) TIME
F-10-0468		2

COMPANY: UCC Niagara Falls, N.Y.

LOCATION: Bldg 169

SAMPLE: AREA ☑ PERSONAL ☐

South end of Bldg.

SAMPLE TIME:

TIME ON 11:54 ROTOMETER

TIME OFF ROTOMETER

DESCRIPTION OF OPERATION:

INDOORS ☑ VENTILATION

OUTDOORS ☐ WIND

OPERATION

Static monitoring

X410661

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. C-33 DATE 6/25/87 MICROSCOPIST JS

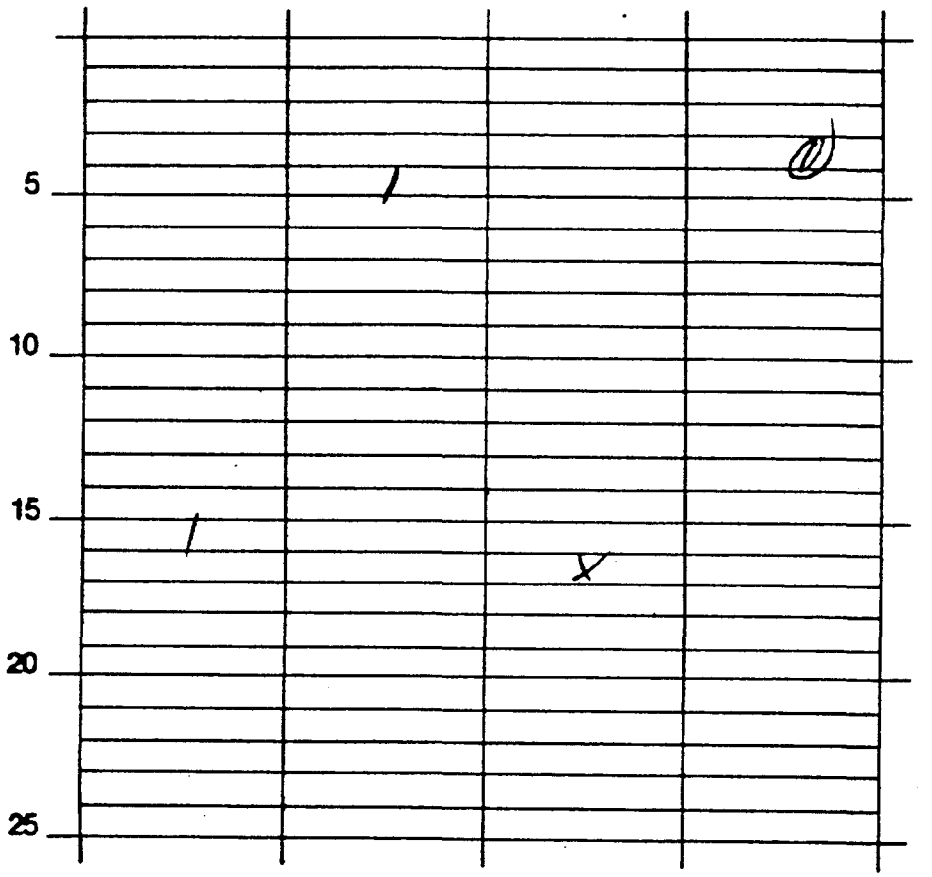
FLOW 2 TIME 240 VOLUME 480 ml

OPTICS PC MAG. 400 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .025 / .007 AMPHIBOLE .07 / .023 OTHER 1

COMMENTS:



X410662

L-33 — SAMPLE NO.

6/25/87 — DATE

JS — INSPECTOR

F-10-0468 — INST.

ROTOMETER READING

2 — FLOW RATE (L/M) TIME

UCC Niagara Falls, N.Y. — COMPANY

Bldg 169 — LOCATION

SAMPLE: AREA ☑ PERSONAL ☐

South end of Bldg

SAMPLE TIME:

TIME ON 7.34 — ROTOMETER

TIME OFF 11.34 — ROTOMETER

DESCRIPTION OF OPERATION:

INDOORS ☑ — VENTILATION

OUTDOORS ☐ — WIND

OPERATION

Static mon. Bldg

X410663

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. P40 DATE 6/25/87 MICROSCOPIST JS

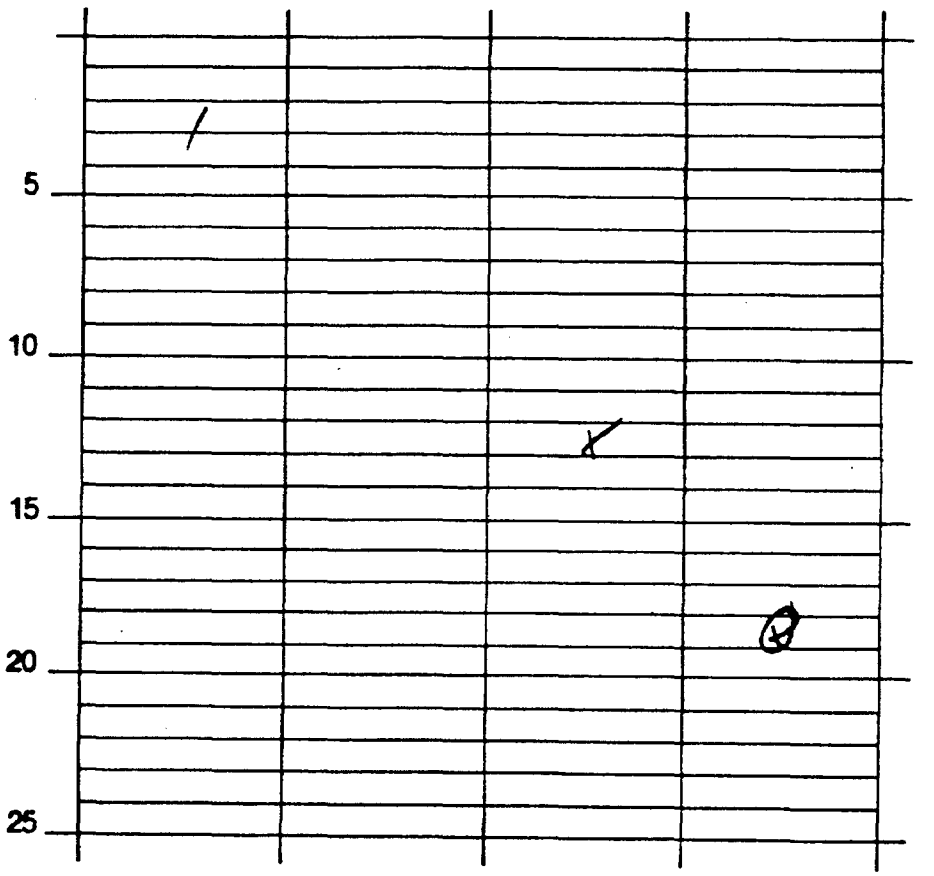
FLOW 2 TIME 240 VOLUME 480ml

OPTICS PC MAG. 400 FIELD AREA .0002

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .015 / .004 AMPHIBOLE .005 / .001 OTHER 1

COMMENTS:



X41CE24

P-40 — SAMPLE NO.

6/25/87 — DATE

JS — INSPECTOR

03245 — INST.

ROTOMETER READING

2 — FLOW RATE (L/M) TIME

UCC Niagara Falls, N.Y. — COMPANY

Bldg 163 — LOCATION

SAMPLE: AREA ☑ PERSONAL ☐

Dryer feed Deck

SAMPLE TIME:

TIME ON 11:33 ROTOMETER

TIME OFF ROTOMETER

DESCRIPTION OF OPERATION:

INDOORS ☑ VENTILATION

OUTDOORS ☐ WIND

OPERATION Static monitoring

X410665

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. A89 DATE 6/25/87 MICROSCOPIST JS

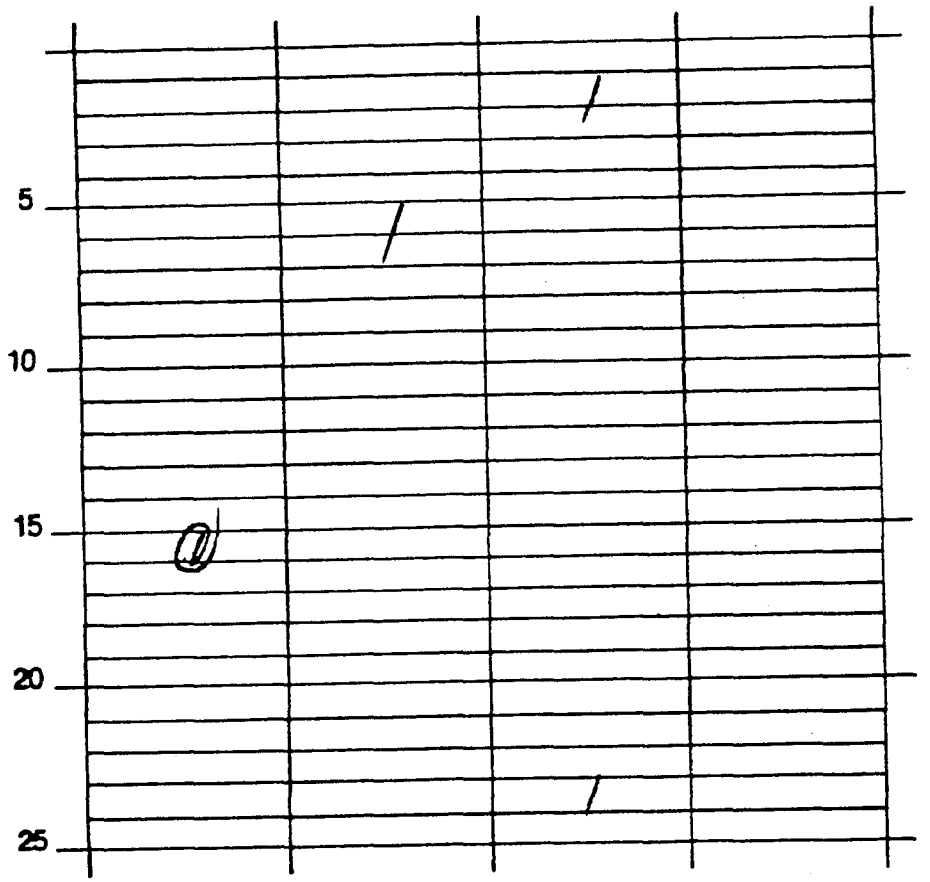
FLOW 2 TIME 240 VOLUME 480 ml

OPTICS PC MAG. 400 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .03 / .009 AMPHIBOLE .01 / .003 OTHER 1

COMMENTS:



X410666

A-89 | 6/25/87 | JS

SAMPLE NO. | DATE | INSPECTOR

03249 | | 2

INST. | ROTOMETER READING | FLOW RATE (L/M) TIME

UCC Niagara Falls, N.Y.

COMPANY

Bldg 169

LOCATION

SAMPLE: AREA ☑ PERSONAL ☐

Dryer feed deck

SAMPLE TIME:

TIME ON 7.33 ROTOMETER

TIME OFF 11.33 ROTOMETER

DESCRIPTION OF OPERATION:

INDOORS ☑ VENTILATION

OUTDOORS ☐ WIND

OPERATION

Static monitoring

X410667

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. A-87 DATE 6/25/87 MICROSCOPIST JS

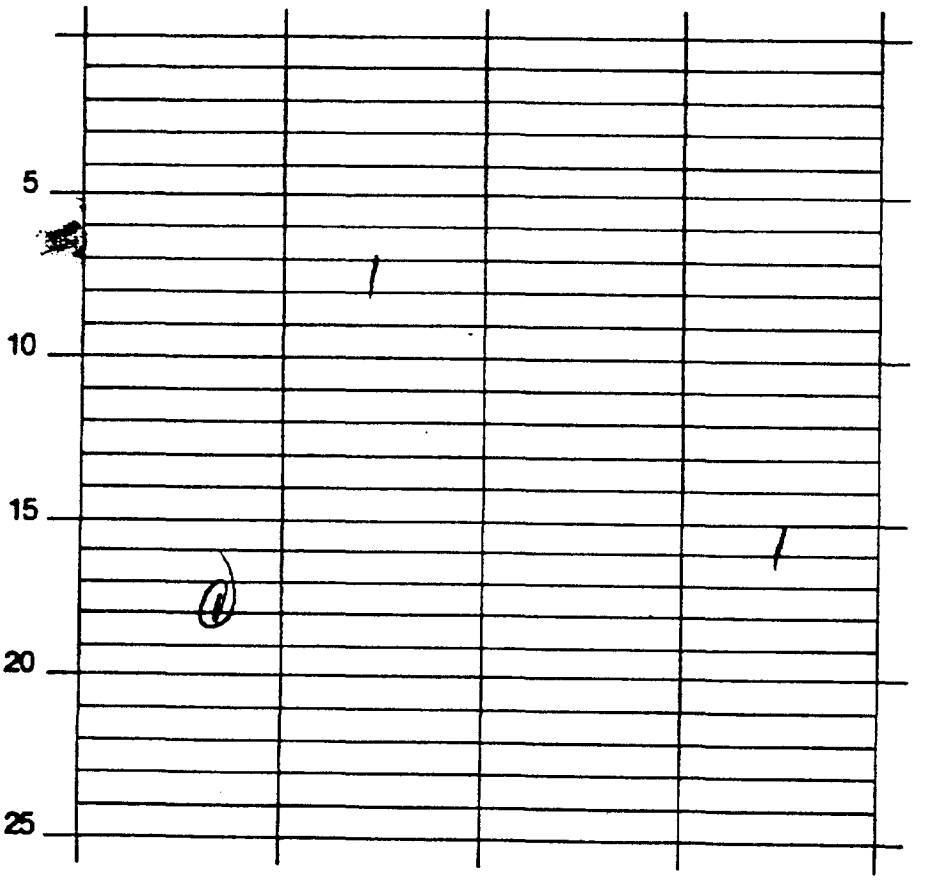
FLOW 2 TIME 240 VOLUME 480ml

OPTICS PC MAG. 400 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .02 / .0006 AMPHIBOLE .01 / .0003 OTHER /

COMMENTS:



X410668

SAMPLE NO.	DATE	INSPECTOR
6-87	6/25/87	JS

INST.	ROTOMETER READING	FLOW RATE (L/M) TIME
602-1420		2

COMPANY: UCC Niagara Falls, N.Y.

LOCATION: Bldg 169

SAMPLE: AREA ☑ PERSONAL ☐

main floor at bag packer

SAMPLE TIME:

TIME ON 11:32 ROTOMETER

TIME OFF ROTOMETER

DESCRIPTION OF OPERATION:

INDOORS ☑ VENTILATION

OUTDOORS ☐ WIND

OPERATION

Static monitoring

X410669

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. L-95 DATE 6/25/87 MICROSCOPIST JS

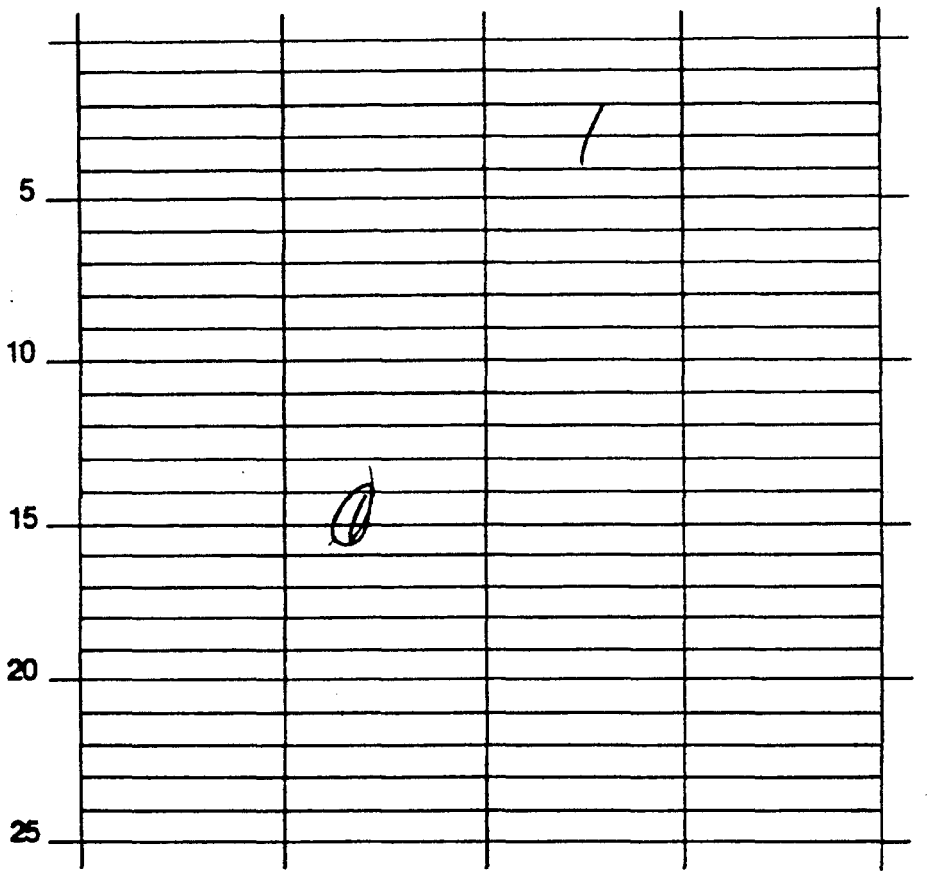
FLOW 2 TIME 240 VOLUME .0062

OPTICS PC MAG. 400 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .01 / .003 AMPHIBOLE .01 / .003 OTHER 1

COMMENTS:



X410670

SAMPLE NO.	DATE	INSPECTOR
655	6/25/87	JS

INST.	ROTOMETER READING	FLOW RATE (L/M) TIME
E02-1470		2

COMPANY: UCC Niagara Falls, NY

LOCATION: Bldg 169

SAMPLE: AREA ☑ PERSONAL ☐

Main floor at bag packer

SAMPLE TIME:

TIME ON 7.32 ROTOMETER _____

TIME OFF 11.32 ROTOMETER _____

DESCRIPTION OF OPERATION:

INDOORS ☑ VENTILATION _____

OUTDOORS ☐ WIND _____

OPERATION _____

Static monitoring

X410671

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. C-71 DATE 6/25/87 MICROSCOPIST TS

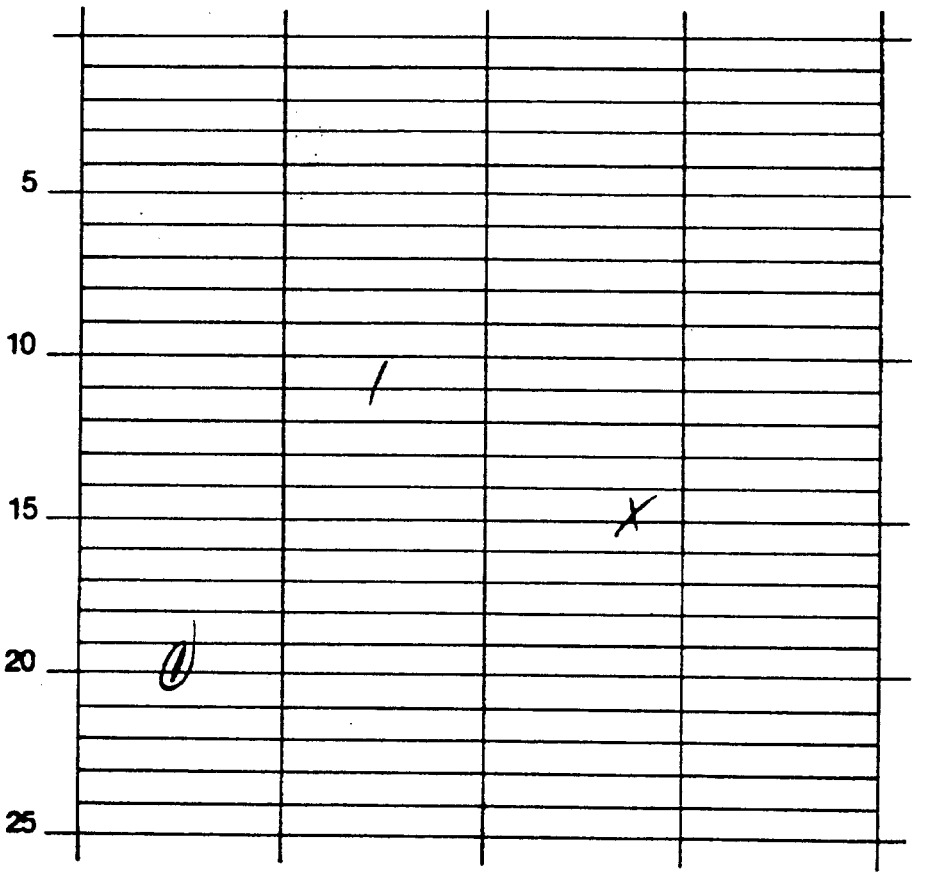
FLOW 2 TIME 240 VOLUME 480 ml

OPTICS PC MAG. 400 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .015 / .004 AMPHIBOLE .01 / .003 OTHER 1

COMMENTS:



X410672

L-71 — SAMPLE NO.

6/25/87 — DATE

JS — INSPECTOR

F09-0520 — INST.

ROTOMETER READING

2 — FLOW RATE (L/M) TIME

UCC Niagara Falls, N.Y. — COMPANY

Bldg 169 — LOCATION

SAMPLE: AREA ☑ PERSONAL ☐

2nd floor lab

SAMPLE TIME:

TIME ON 11:31 ROTOMETER

TIME OFF ROTOMETER

DESCRIPTION OF OPERATION:

INDOORS ☑ VENTILATION

OUTDOORS ☐ WIND

OPERATION

Static monitoring

X410673

H-20 — SAMPLE NO.

6/15/87 — DATE

GS — INSPECTOR

F-09-052 — INST.

ROTOMETER READING

2 — FLOW RATE (L/M) TIME

UCC Niagara Falls, NY — COMPANY

Bldg 169 — LOCATION

SAMPLE: AREA ☑ PERSONAL ☐

2nd floor Lab.

SAMPLE TIME:

TIME ON 7:31 — ROTOMETER

TIME OFF 11:31 — ROTOMETER

DESCRIPTION OF OPERATION:

INDOORS ☑ — VENTILATION

OUTDOORS ☐ — WIND

OPERATION

Static monitoring

X410674

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. H-20 DATE 6/25/81 MICROSCOPIST JS

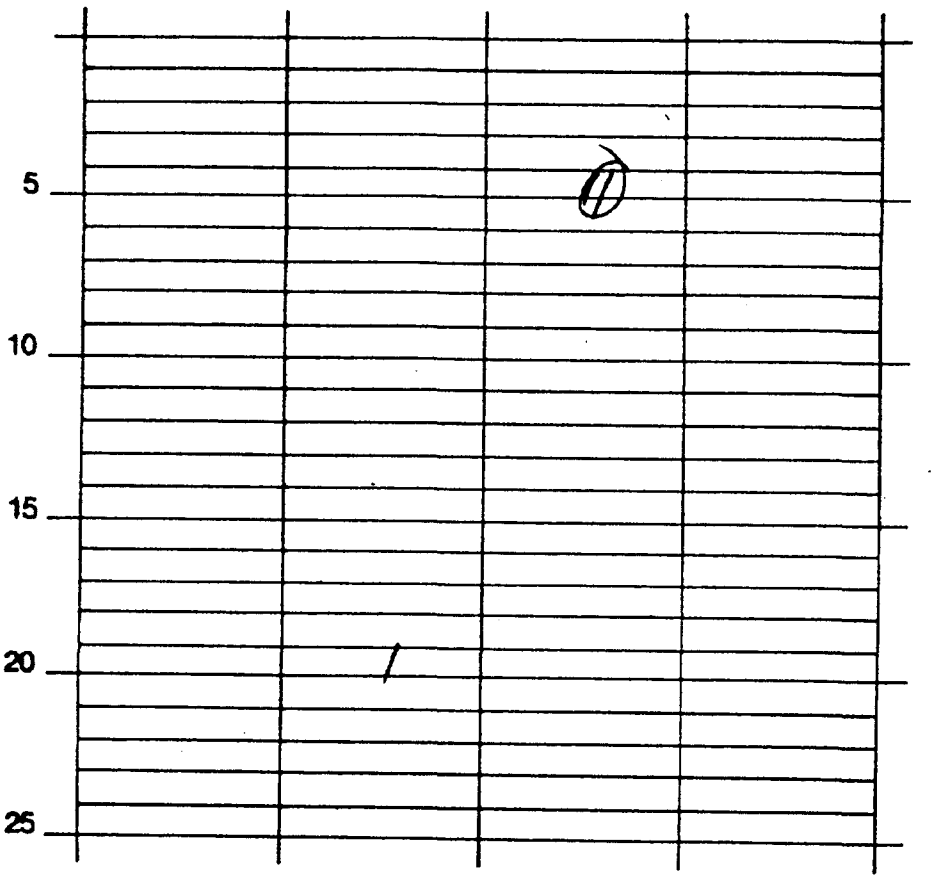
FLOW 2 TIME 240 VOLUME 480M

OPTICS PC MAG. 400 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE 01 / .003 AMPHIBOLE 02 / .006 OTHER /

COMMENTS:



X410675

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. C-55 DATE 6/25/87 MICROSCOPIST JS

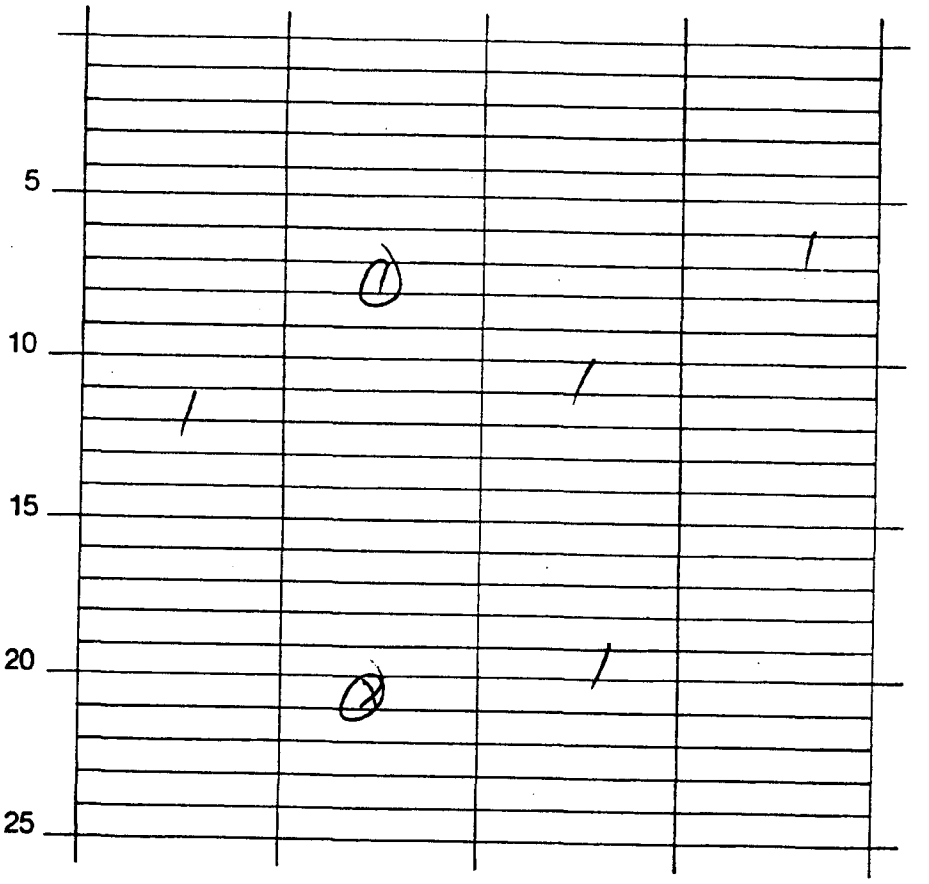
FLOW 2 TIME 240 VOLUME 480cm

OPTICS PC MAG. 400 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .04 / .011 AMPHIBOLE .015 / .004 OTHER 1

COMMENTS:



X410676

559	6/25/87	75
SAMPLE NO.	DATE	INSPECTOR
F-09-0436		2
INST.	ROTOMETER READING	FLOW RATE (L/M) TIME

COMPANY UCC Niagara Falls, NY

LOCATION Bldg 169

SAMPLE: AREA ☑ PERSONAL ☐

Asb storage area, 3rd floor

SAMPLE TIME:

TIME ON 11:20 ROTOMETER _____

TIME OFF _____ ROTOMETER _____

DESCRIPTION OF OPERATION:

INDOORS ☑ VENTILATION _____

OUTDOORS ☐ WIND _____

OPERATION _____

Static monitoring

X410677

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. 1-42 DATE 6/25/87 MICROSCOPIST JS

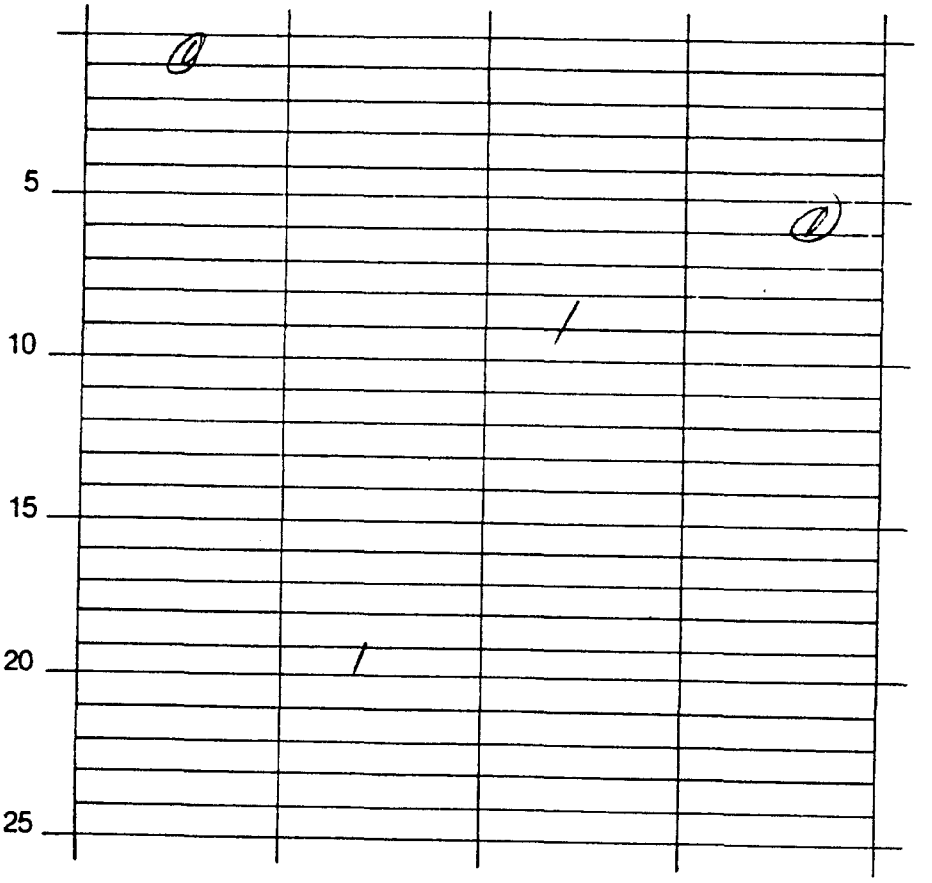
FLOW 2 TIME 240 VOLUME 480 ml

OPTICS PC MAG. 400 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .02/.006 AMPHIBOLE .02/.006 OTHER 1

COMMENTS:



X410678

-4
SAMPLE NO.

6/25/87
DATE

JS
INSPECTOR

F-04-0436
INST.

ROTOMETER READING

2
FLOW RATE (L/M) TIME

UCC - Niagara Falls, N.Y.
COMPANY

3 Bldg 169
LOCATION

SAMPLE: AREA ☑ PERSONAL ☐

1st Stage Deck - 3rd Floor

SAMPLE TIME:

TIME ON 7:30 ROTOMETER

TIME OFF 11:30 ROTOMETER

DESCRIPTION OF OPERATION:

INDOORS ☑ VENTILATION

OUTDOORS ☐ WIND

OPERATION

Static monitoring

X410679

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. H-12 DATE 2/4/82 MICROSCOPIST JS

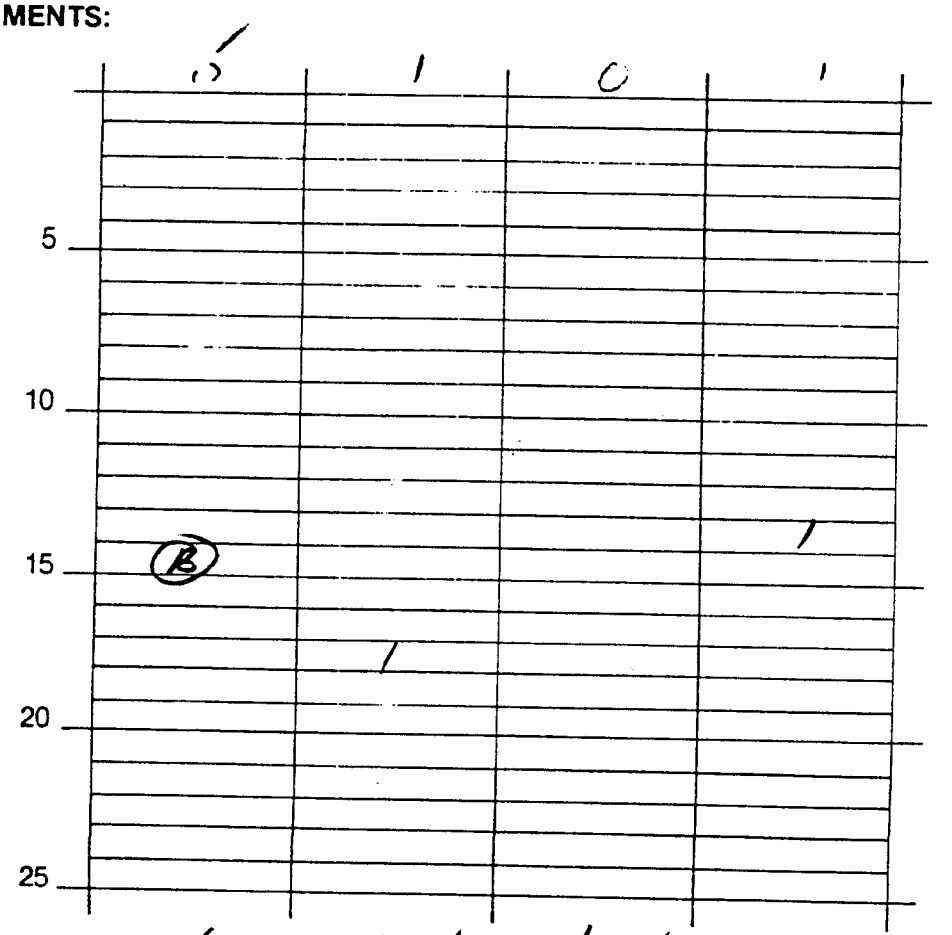
FLOW 2 TIME 15 VOLUME 30 ml

OPTICS PC MAG. 400 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .025 / .115 AMPHIBOLE ___ / ___ OTHER ___ / ___

COMMENTS:



crosses are from counts below the plane.

X410683

A-12 — SAMPLE NO.

2/1/80 — DATE

[illegible] — INSPECTOR

EOS K19 — INST.

6+ — ROTOMETER READING

2. — FLOW RATE (L/M) TIME

Platinum Chemicals Inc. — COMPANY

Union, NFN — LOCATION

SAMPLE: AREA ☐ PERSONAL ☐

Right

SAMPLE TIME:

TIME ON 10:30 a.m. ROTOMETER 6+

TIME OFF 10:45 ROTOMETER 6+

DESCRIPTION OF OPERATION:

INDOORS ☐ VENTILATION

OUTDOORS ☐ WIND

OPERATION

Control

X410684

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. A-25 DATE 2/4/80 MICROSCOPIST TS

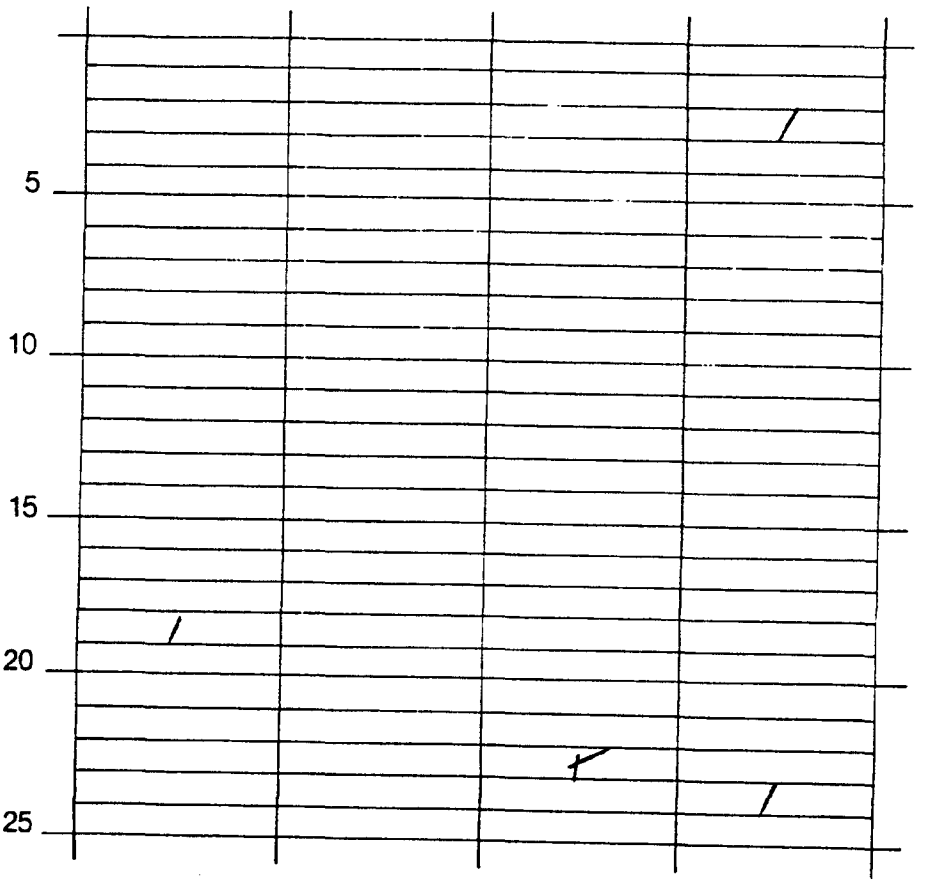
FLOW 2 TIME 15 VOLUME 30 M

OPTICS PC MAG. 400 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .035 / .161 AMPHIBOLE 0 / OTHER 0 /

COMMENTS:



X410685

F-6	2/16/82	JFS
SAMPLE NO.	DATE	INSPECTOR
EOS 1417	6+	2
INST.	ROTOMETER READING	FLOW RATE (L/M) TIME

Plenum Chamber Tests

COMPANY

LCC, NFdy

LOCATION

SAMPLE: AREA ☐ PERSONAL ☐

Right

SAMPLE TIME:

TIME ON 1:15 P.M ROTOMETER 6+

TIME OFF 1:30 P.M ROTOMETER

DESCRIPTION OF OPERATION:

INDOORS ☐ VENTILATION

OUTDOORS ☐ WIND

OPERATION

LTF-14 (3½ min mix)

X410686

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. A-10 DATE 2/4/80 MICROSCOPIST JB

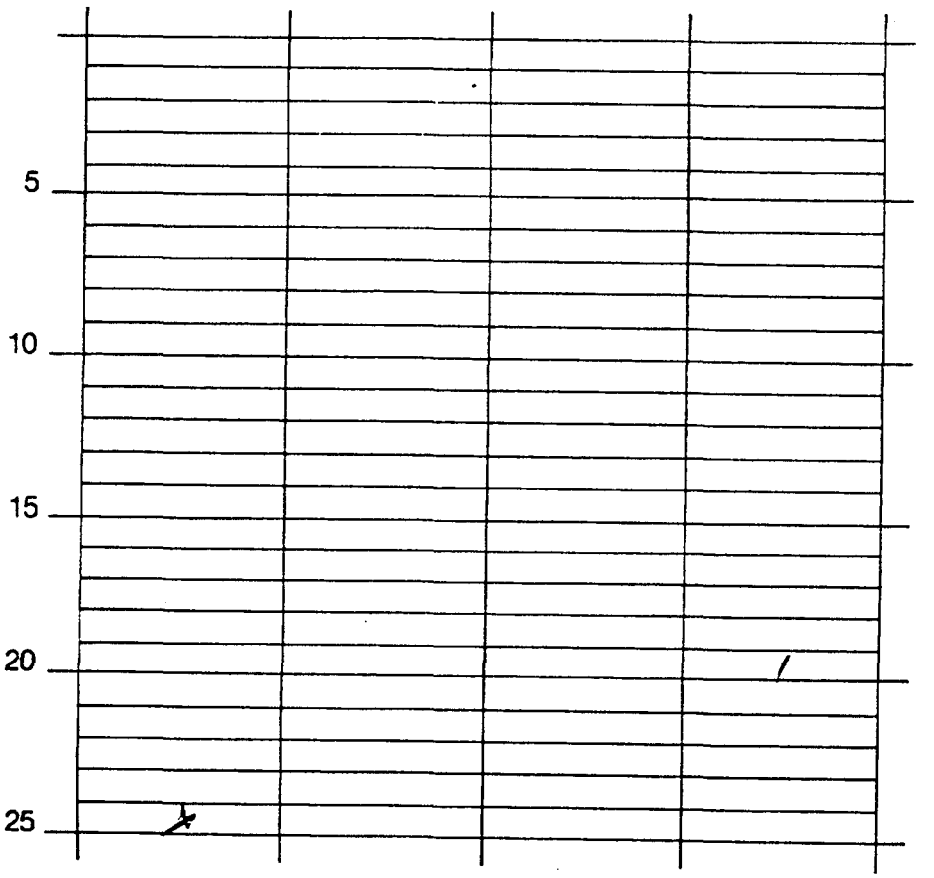
FLOW 2 TIME 15 VOLUME 30M

OPTICS PC MAG. 400 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .015 / .069 AMPHIBOLE 0 / 0 OTHER 1 /

COMMENTS:



X410687

SAMPLE NO.	DATE	INSPECTOR
A-10	2/1/2	FS

INST.	ROTOMETER READING	FLOW RATE (L/M) TIME
F09 0520	5.0	2

COMPANY: Plenum Ethanex Tests

LOCATION: ICC NFN 4

SAMPLE: AREA ☐ PERSONAL ☐

LEFT

SAMPLE TIME:

TIME ON 1:05 pm ROTOMETER 5.0

TIME OFF 1:35 pm ROTOMETER

DESCRIPTION OF OPERATION:

INDOORS ☐ VENTILATION

OUTDOORS ☐ WIND

OPERATION

LTX - 144 (3/2 min mix)

X410688

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. A-19 DATE 2/4/82 MICROSCOPIST JS

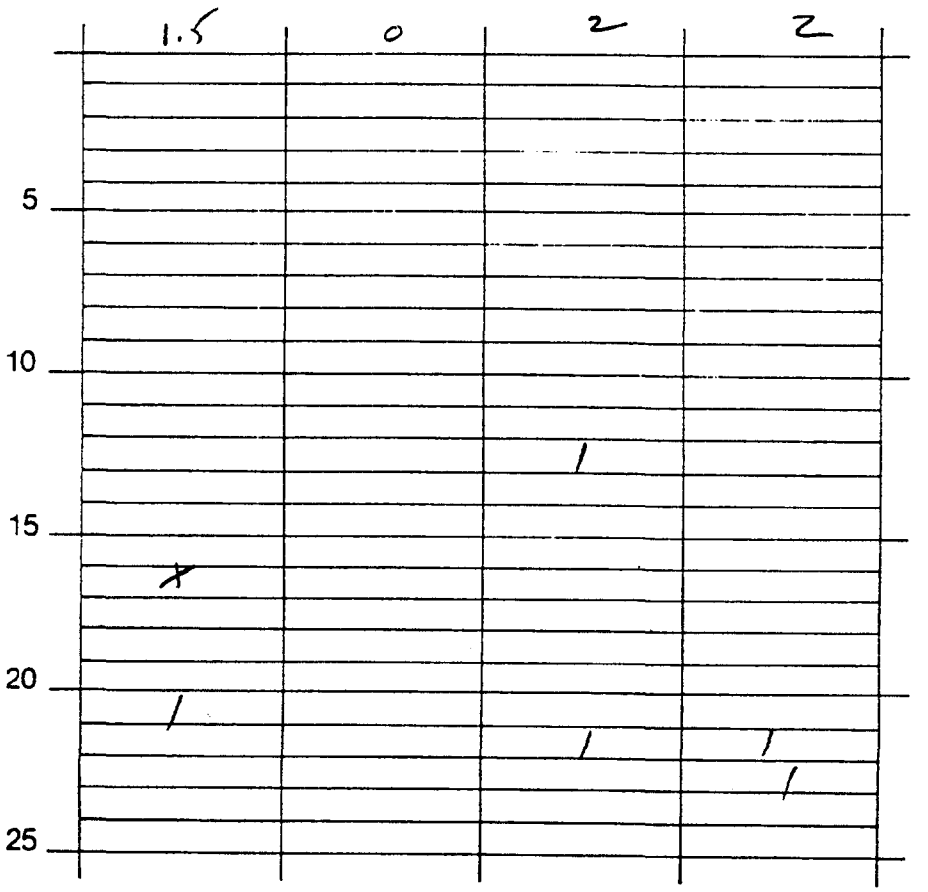
FLOW 2 TIME 15 VOLUME 30 ml

OPTICS PC MAG. 400 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .055 / .253 AMPHIBOLE ___ / ___ OTHER ___ / ___

COMMENTS:



X410689

SAMPLE NO.	DATE	INSPECTOR
F-11	5/14/	FS

INST.	ROTOMETER READING	FLOW RATE (L/M) TIME
FDP 0520	5.0	2

COMPANY: Rheium Chamber Tests

LOCATION: UCC, NFN4

SAMPLE: AREA ☐ PERSONAL ☐

LEFT

SAMPLE TIME:

TIME ON 10:55 ROTOMETER 5.0

TIME OFF 11:10 ROTOMETER

DESCRIPTION OF OPERATION:

INDOORS ☐ VENTILATION

OUTDOORS ☐ WIND

OPERATION

Mechanic Jet 11 H-1 (Jim Tape-7)

TEST # 2

X410690

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. A-5 DATE 2/4/80 MICROSCOPIST JS

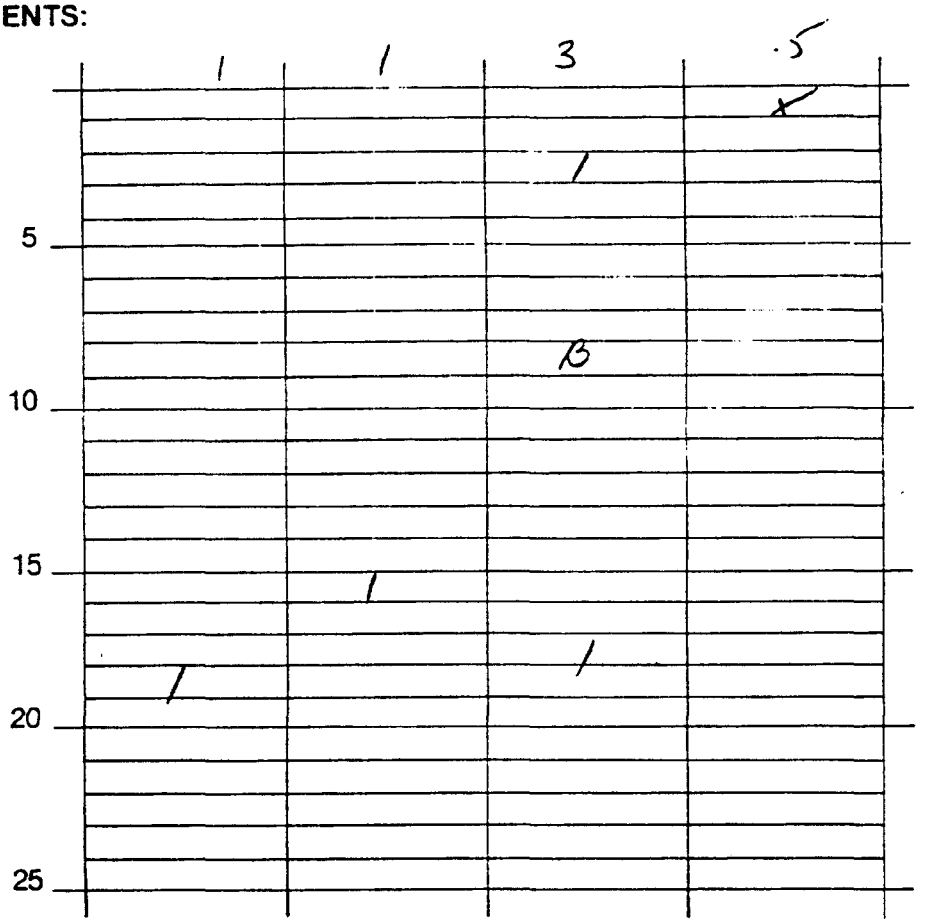
FLOW 2 TIME 15 VOLUME 30ml

OPTICS PC MAG. 400 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .055 / .253 AMPHIBOLE ___ / ___ OTHER ___ / ___

COMMENTS:



X410691

A-5 — SAMPLE NO.

2/1/84 — DATE

78 — INSPECTOR

EOS 1419 — INST.

6 cf — ROTOMETER READING

2 — FLOW RATE (L/M) TIME

Plenum Chamber Tests

COMPANY

UCC, NFNY

LOCATION

SAMPLE: AREA ☐ PERSONAL ☐

RIGHT

SAMPLE TIME:

TIME ON 10:55 ROTOMETER 6 cf

TIME OFF 11:10 ROTOMETER

DESCRIPTION OF OPERATION:

INDOORS ☐ VENTILATION

OUTDOORS ☐ WIND

OPERATION

Megaloks Retort #1 (JM 72F-9)

Test #2

X410692

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. A-8 DATE 2/4/80 MICROSCOPIST JS

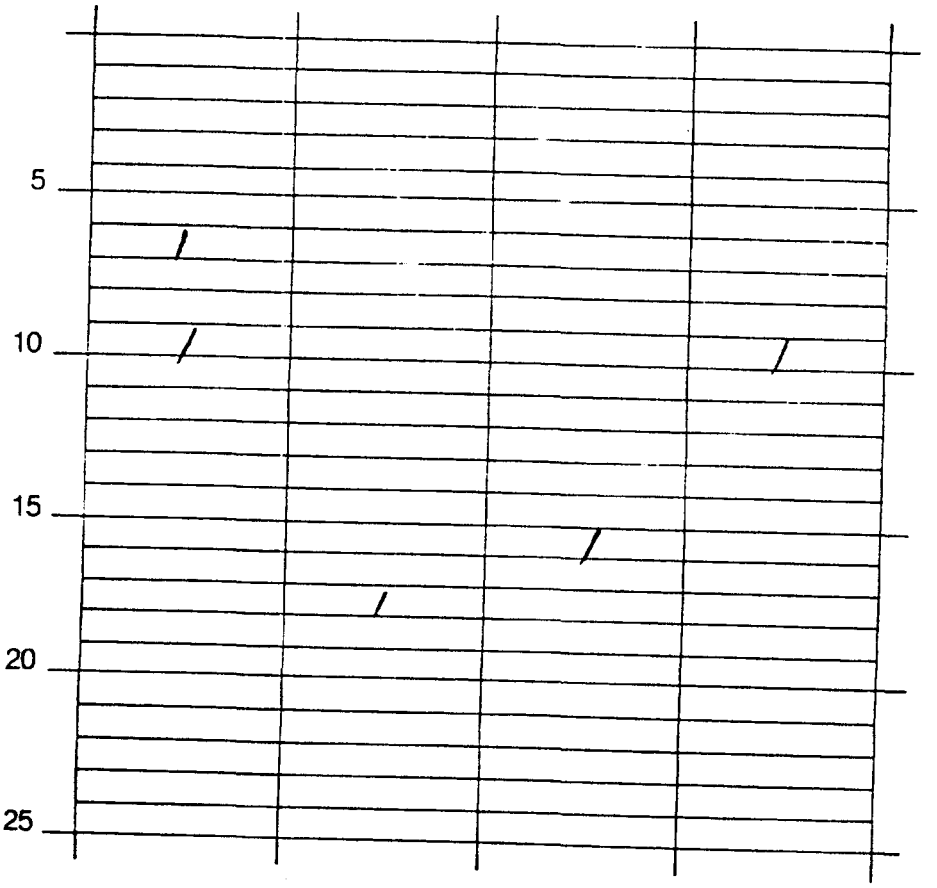
FLOW 2 TIME 15 VOLUME 30 M

OPTICS PC MAG. 400 FIELD AREA .1062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .05 / .230 AMPHIBOLE 0 / 0 OTHER 1 /

COMMENTS:



X410693

SAMPLE NO. EC5 1419

DATE 7/12

INSPECTOR FS

INST.

ROTOMETER READING 6+

FLOW RATE (L/M) TIME 2

COMPANY Plenum Chamber Tests

LOCATION UCC, NFN-1

SAMPLE: AREA ☐ PERSONAL ☐

RIGHT

SAMPLE TIME:

TIME ON 10:20 ROTOMETER 6+

TIME OFF 10:35 ROTOMETER 6+

DESCRIPTION OF OPERATION:

INDOORS ☐ VENTILATION

OUTDOORS ☐ WIND

OPERATION

Megaloid Jetex H-1 (JM 7CF-9)

TEST #1

X410694

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. H-7 DATE 2/4/80 MICROSCOPIST 78

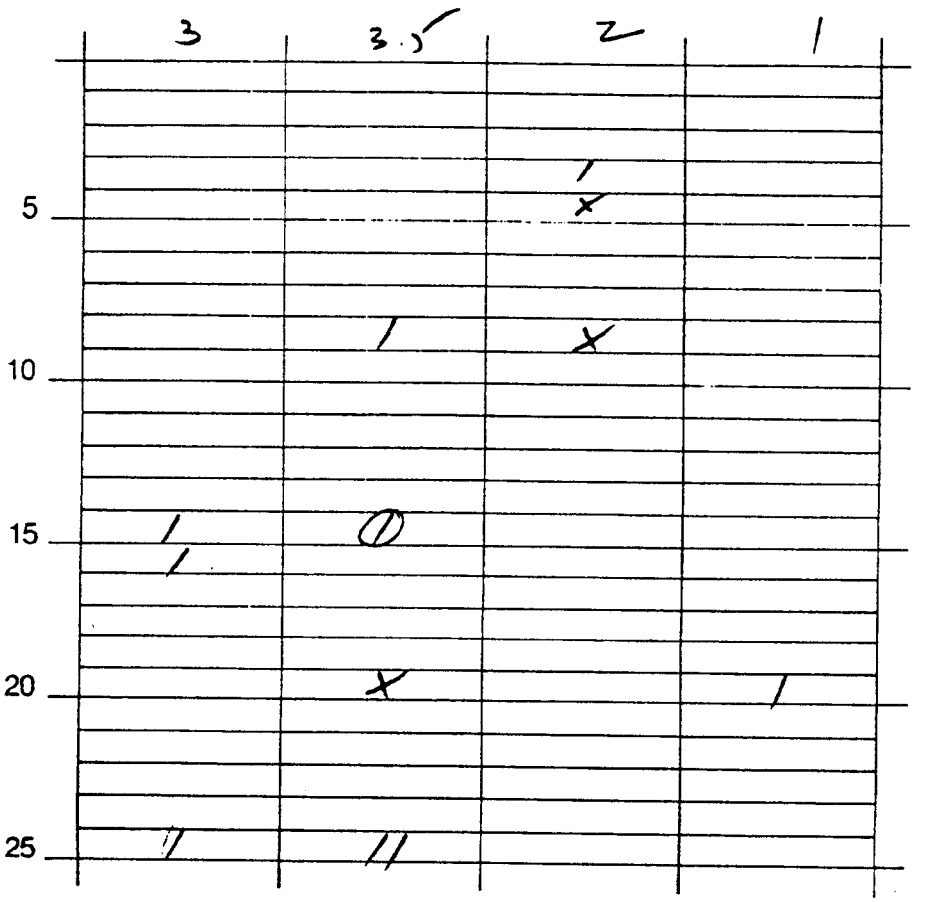
FLOW 2 TIME 15 VOLUME 30 M

OPTICS PC MAG. 400 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .095 / .437 AMPHIBOLE .01 / .046 OTHER / /

COMMENTS: (1)



X410695

SAMPLE NO.	DATE	INSPECTOR
F-1	2/1/80	JB

INST.	ROTOMETER READING	FLOW RATE (L/M) TIME
F09 0520	5.0	2

COMPANY: Plenum Chamber Tests

LOCATION: UCC, NFNY

SAMPLE: AREA ☐ PERSONAL ☐

LEFT

SAMPLE TIME:

TIME ON 10:20 ROTOMETER 5.0

TIME OFF 10:35 ROTOMETER 5.0

DESCRIPTION OF OPERATION:

INDOORS ☐ VENTILATION

OUTDOORS ☐ WIND

OPERATION

Megalon Detox H-1 (JM 72F-9)

TEST #1

X410696

ASBESTOS COUNT RECORD SHEET

SAMPLE NO. H-16 DATE 2/4/80 MICROSCOPIST 75

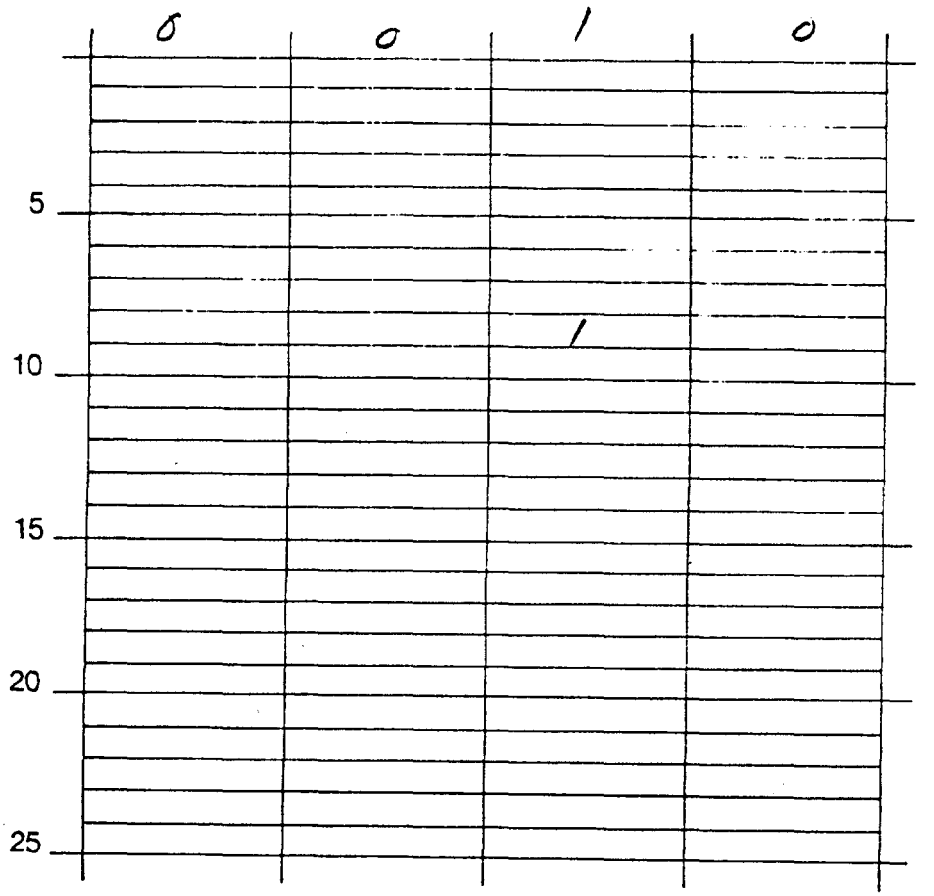
FLOW 2 TIME 15 VOLUME 30 ml

OPTICS PC MAG. 400 FIELD AREA .0062

FIBERS PER FIELD / FIBERS PER CC OF AIR

CHRYSOTILE .01 / .046 AMPHIBOLE ___ / OTHER ___ /

COMMENTS:



X410697

F-16	2/1/80	-3
SAMPLE NO.	DATE	INSPECTOR
EDG 0520	5.0	2
INST.	ROTOMETER READING	FLOW RATE (L/M) TIME

Platinum Chamber tests

COMPANY

UCC, NFNY

LOCATION

SAMPLE: AREA ☐ PERSONAL ☐

LEFT

SAMPLE TIME:

TIME ON 10:00 A.M. ROTOMETER 5.0

TIME OFF 10:15 ROTOMETER 5.0

DESCRIPTION OF OPERATION:

INDOORS ☐ VENTILATION

OUTDOORS ☐ WIND

OPERATION

control

X410698

Plenum Chamber Tests
UCC, Niagara Falls, N.Y.

Report # 2332-60

Sample	Date	Time On - Off	Minutes	Material	Description	Chrysotile Fiber/cc	Chrysotile Fiber/cc	Amphibole Fiber/cc	Amphibole Fiber/cc
A-12	8/1/80	10:20-10:35	15	Control		0.025	0.115	0.0	0.0
Blk	8/1/80	10:00-10:15	15	Control		0.01	0.016	0.0	0.0
A-7	8/1/80	10:20-10:35	15	Megaloid Detox H-1 (JM 782-9) Test #1		0.045	0.437	0.01	0.042
A-8	8/1/80	10:50-10:55	15	Megaloid Detox H-1 (JM 782-9) Test #1		0.05	0.230	0.0	0.0
A-5	8/1/80	10:55-11:10	15	Megaloid Detox H-1 (JM 782-9) Test #2		0.055	0.253	0.0	0.0
A-19	8/1/80	10:55-11:10	15	Megaloid Detox H-1 (JM 782-9) Test #2		0.055	0.243	0.0	0.0
A-10	8/1/80	1:15-1:30	15	LTX-144 (3½ mid. mix)		0.015	0.069	0.0	0.0
A-25	8/1/80	1:15-1:30	15	LTX-144 (3½ mid mix)		0.035	0.161	0.0	0.0

X410699

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