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2083 UU-0125 #110

WORKPLACE ENVIRONMENT MONITORING - FIELD DATA SHEET Page ___ of ___

Date 4-25-85 Project ASBESTOS Department MAINTENANCE BLDG 47

General Operating Conditions: ___

Sampling Method and Equipment: Personal ___ : Area ✓ : Portable Sampler Pump ✓ : Charcoal Tube ___ : Bag ___ : Other FILTER CASSETTE

Remarks: ___

Shift: Day ✓ Eve. ___ Mid. ___ No. Employees ___ Sampled By HCJ

Employee Name, Job Title, Payroll No., Soc. Sec. No., Bldg. No. - Monitoring Loc. Smoke - Chew?	Sample No.	Pump Ser. Number	Pump Kv	Pump Flow Control Set	Initial Pump Reading	Final Pump Reading	Net Pump Reading	Start (Time)	Stop (Time)	Net Sample Time, Min.	Volume, Liters.	
N.E. CORNER OF BLDG 50	1	9378			500/15	515/15	2LPM	0715	1455	460	920	.002
AREA 1 ELECTRICIAL SHOP W OF MPH	2	9365			500/15	500/15	2LPM	0715	1455	460	920	.002
AT CORNER NE OF BLDG 47 AT TANK FARM	3	9247			500/15	1/2M	1.5LPM	0715	1455	460	690	.002
SOUTH OF BLDG 47	4	9368			500/15	1/4M	1.5LPM	0715	1455	460	690	.009
South of BLDG 47	5	9146			500/15	515/15	2LPM	0715	1455	460	920	.002
AT CORNER OF TK FARM HALF WAY BETWEEN BLDG 47 + WARE HOUSE	6	9254			500/15	515/15	2LPM	0715	1455	460	920	.002

Marks: (See Reverse Side) 2083

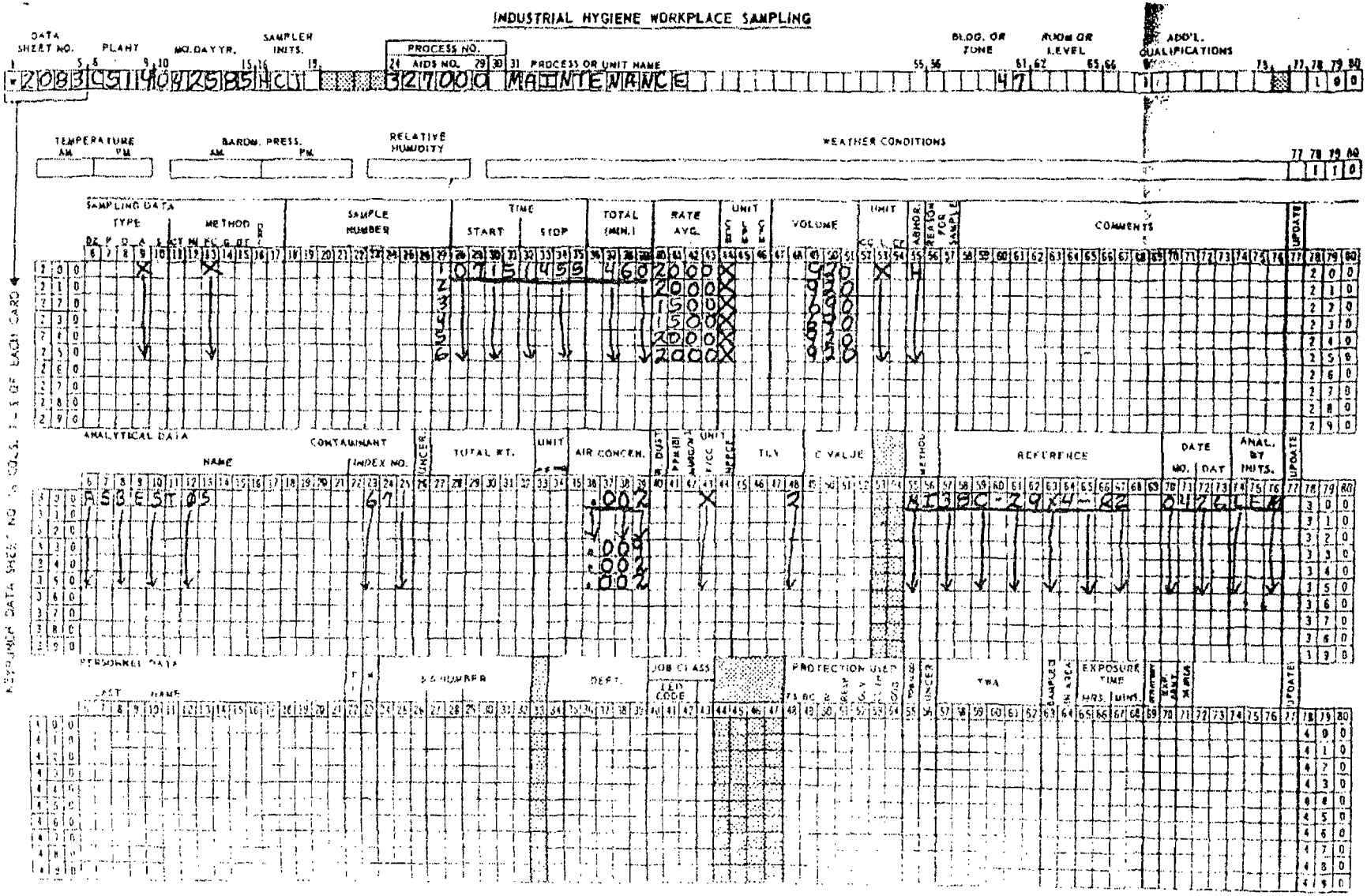
#4 HAD 4 Fibers /100 FIELDS
#5 " 1 Fibers /100 "
1, 2, 3, 6 " 0 " /100 "

UCC 012253

PLAINTIFF'S EXHIBIT UC-3779

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INDUSTRIAL HYGIENE WORKPLACE SAMPLING SUPPLEMENTAL COMMENTS

1 W20183 5 PLANT C5114 18 MO DAY YR 15 OH25185

UPDATE	LINE NO.
	1012
	201
	211
	231
	251

RE MOVING INSULATION FROM THE MAINLAND POWER HOUSE INSIDE AND OUTSIDE OF THE BLDG 50 SHOP WEST OF THE MAIN ELECTRICAL BLDG 47 AT THE FAR NE CORNER OF THE BLDG 47 FARM HALF WAY BETWEEN BLDG 47 AND BLDG 300 AND THE NE CORNER OF TANK FARM

DATE

SIGNATURE

UCC 0012255

2077 WV-0195 #107

WORKPLACE ENVIRONMENT MONITORING - FIELD DATA SHEET

Page ____ of ____

Date 4-23-85 Project ASBESTOS Department BLDG -47

General Operating Conditions: STRIPPING ASBESTOS FROM POWER HOUSE BLDG -47

Sampling Method and Equipment: Personal ____ : Area ✓ : Portable Sampler Pump ✓ : Charcoal Tube ____ : Bag ____ : Other FILTER CASSETTE

Remarks: ____

Shift: Day ____ Eve. ____ Mid. ____ No. Employees ____ Sampled By HCS

Employee Name, Job Title, Payroll No., Soc. Sec. No., Bldg. No. - Monitoring Loc. Smoke - Chew?	Sample No.	Pump Ser. Number	Pump Kv	Pump Flow Control Set	Initial Pump Reading	Final Pump Reading	Net Pump Reading	Start (Time)	Stop (Time)	Net Sample Time, Min.	Volume, Liters.	Conc.
NORTH EAST CORNER OF BLDG - 50	1	9253	500/15	500/15				0640	1445	485	970	.002
NORTH OF BLDG 47 BY RAILROAD TRACKS	2	9671	500/15	500/15				0640	1445	485	970	.002
AT CORNER NORTH EAST OF BLDG 47 AT TK FARM	3	9368	500/15	500/15				0640	1445	485	970	.020
South OF BLDG 47	4	9146	500/15	500/15				0640	1445	485	970	.005
South OF BLDG 47	5	9247	500/15	500/15				0640	1445	485	970	.002
At CORNER OF TK FARM HALF WAY BETWEEN BLDG - 47 & WAREHOUSE	6	9234	500/15	500/15				0640	1445	485	970	.002

Remarks: (See Reverse Side) # 1,2,5,6 0 FIBERS | 100 FIELDS # 4 HAD 2 FIBERS | 100 FIELDS

2077 # 3 HAD 13 FIBERS | 100 FIELDS

UCC 0012256

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INDUSTRIAL HYGIENE WORKPLACE SAMPLING SUPPLEMENTAL COMMENTS

| | | |

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2075 UV-0193 #108

WORKPLACE ENVIRONMENT MONITORING - FIELD DATA SHEET

Page ____ of ____

Date 4-22-85 Project ASBESTOS Department BLDG 151

General Operating Conditions: SCRIPPING ASBESTOS FROM 10" LINE APP 20' AREA WORKED OFF SIGNS UP PLENTY OF H_2O USED THROW AWAY DUST MASK

Sampling Method and Equipment: Personal ✓: Area ____: Portable Sampler Pump ✓: Charcoal Tube ____: Bag ____: Other FILTER CASETTE

Remarks: ____

Shift: Day ____ Eve. ____ Mid. ____ No. Employees ____ Sampled By HCS

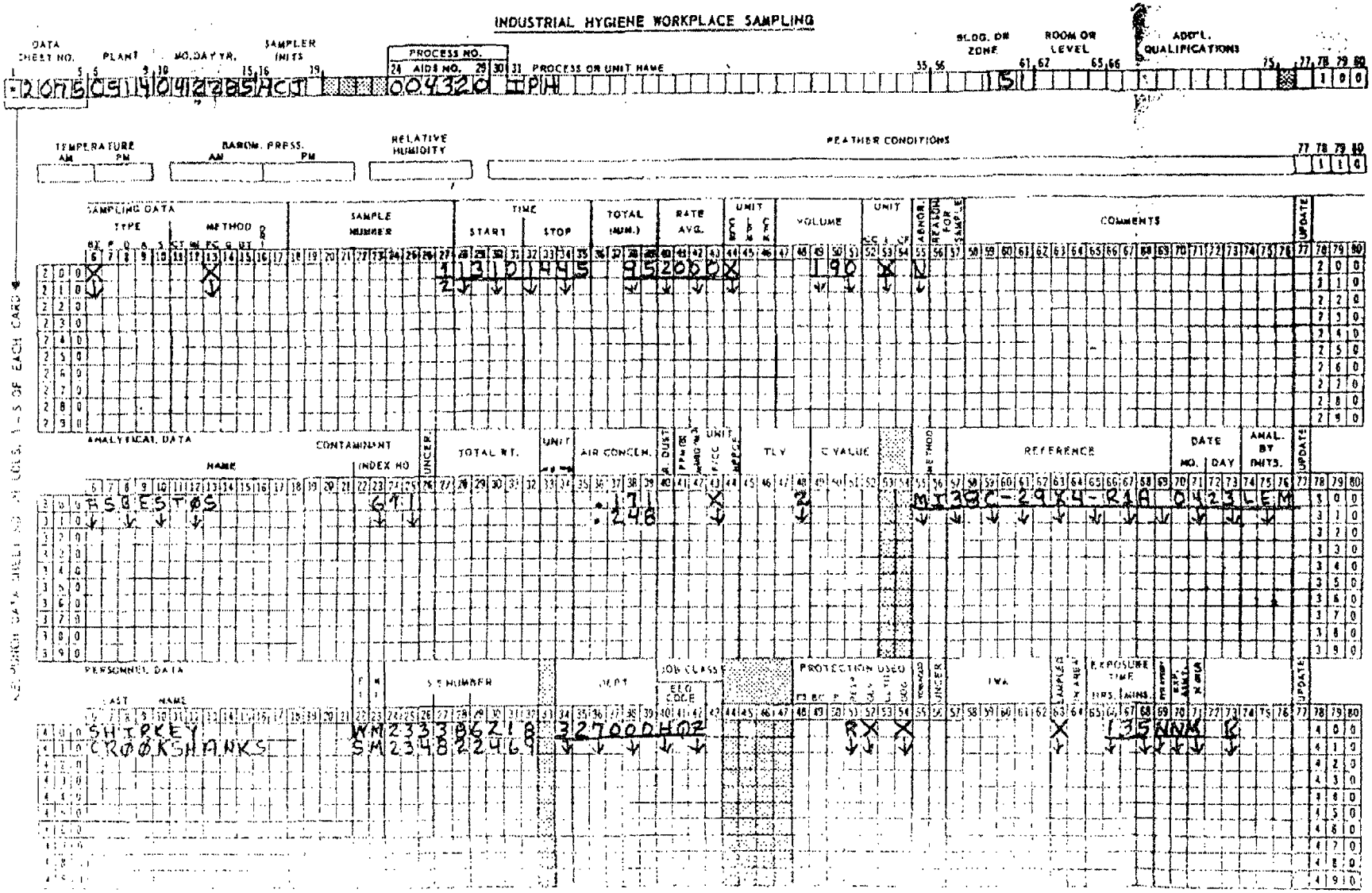
Employee Name, Job Title, Payroll No., Soc. Sec. No., Bldg. No. - Monitoring Loc. Smoke - Chew?	Sample No.	Pump Ser. Number	Pump KV	Pump Flow Control Set	Initial Pump Reading	Final Pump Reading	Net Pump Reading	Start (Time)	Stop (Time)	Net Sample Time, Min.	Volume, Liters.	Conc., ppmv
W.M SHIRLEY 223-38-6218 M NO NO	1	9247	~~500~~/5	~~500~~/5				1310	1445	95	190	.171
S.M. CRACKSHANK 234-32-7469 NO NO	2	9365	~~500~~/5	~~500~~/5				1310	1445	95	190	.248
#1 22 FIBERS/100 FIELDS												
#2 32 FIBERS/100 FIELDS												

Remarks: (See Reverse Side) 2075

UCC 001259

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INDUSTRIAL HYGIENE WORKPLACE SAMPLING

DATA SHEET NO. | PLANT | MO. DAY YR. | SAMPLER INITS | PROCESS NO. | AIDS NO. | PROCESS OR UNIT NAME | BLDG. OR ZONE | ROOM OR LEVEL | ADD'L. QUALIFICATIONS

TEMPERATURE AM PM | BAROM. PRESS. AM PM | RELATIVE HUMIDITY | WEATHER CONDITIONS

SAMPLING DATA: TYPE | METHOD | SAMPLE NUMBER | TIME START | TIME STOP | TOTAL (NUM.) | RATE AVG. | UNIT | VOLUME | UNIT | ABNOR. | REASON FOR SAMPLE | COMMENTS | UPDATE

ANALYTICAL DATA: NAME | CONTAMINANT (INDEX NO.) | UNCER. | TOTAL WT. | UNIT | AIR CONCEN. | UNIT | TLV | C VALUE | METHOD | REFERENCE | DATE NO. | DAY | ANAL. BY INITS. | UPDATE

PERSONNEL DATA: LAST NAME | F | M | SS NUMBER | DEPT | JOB CLASS ELG. CODE | PROTECTION USED | UNCER. | TWA | SAMPLES | EXPOSURE TIME HRS. MINS. | EXPOS. ANTICIP. | EXPOS. PREVIOUS | UPDATE

SHIRKEY
CROOKSHANKS

INDUSTRIAL HYGIENE WORKPLACE SAMPLING SUPPLEMENTAL COMMENTS

1	5	8 PLANT	TO MO	DAY	YR 85
W26775		C5114	04	22	85

REMOVING INSULATION FROM 10 INCH LINE 20 FEET LONG, AREA ROPED OFF, WORKERS WORE H2O SUPPLIED, AIR PURIFYING RESPIRATORS, DISPOSAL DUST MASK USED

UPDATE | LINE NO. 1012

DATE

SIGNATURE

UCC 0012261

2072 UV-0195 # 107

WORKPLACE ENVIRONMENT MONITORING - FIELD DATA SHEET Page ____ of 1

Date 11-19-85 Project ASBESTOS Department BLDG 47

General Operating Conditions: CHECKING AREA AROUND MPH FOR AIRBORNE ASBESTOS WHILE REMOVING INSULATION INSIDE AND OUTSIDE OF MPH.

Sampling Method and Equipment: Personal ___ : Area ✓ : Portable Sampler Pump ✓ : Charcoal Tube ___ : Bag ___ : Other FILTER CASETTE

Remarks:

Shift: Day ___ Eve. ___ Mid. ___ No. Employees ___ Sampled By HCS

Employee Name, Job Title, Payroll No., Soc. Sec. No., Bldg. No. - Monitoring Loc. Smoke - Chew?	Sample No.	Pump Ser. Number	Pump Kv	Pump Flow Control Set	Initial Pump Reading	Final Pump Reading	Net Pump Reading	Start (Time)	Stop (Time)	Net Sample Time, Min.	Volume, Liters.	Conc., ppmv
NORTH EAST CORNER OF BLDG 50	1	9247	~~500~~ /15	~~500~~ /15				0645	1400	435	870	.002
NORTH BLDG POWER HOUSE AT RAILROAD TRACK	2	9365	~~500~~ /15	~~500~~ /15				0645	1400	435	870	.002
EAST OF POWER HOUSE AT TK FARM	3	9671	~~500~~ /15	~~500~~ /15				0645	1400	435	870	.002
SOUTH OF POWER HOUSE AT BLDG 42	4	9146	~~500~~ /15	~~500~~ /15				0645	1400	435	870	.002
SOUTH OF POWER HOUSE AT BLDG 42	5	9369	~~500~~ /15	~~500~~ /15				0645	1400	435	870	.002
EAST OF POWER HOUSE AT TK FARM TK 454	6	9253	~~500~~ /15	~~500~~ /15				0645	1400	435	870	.002

.01 X 895 = .002

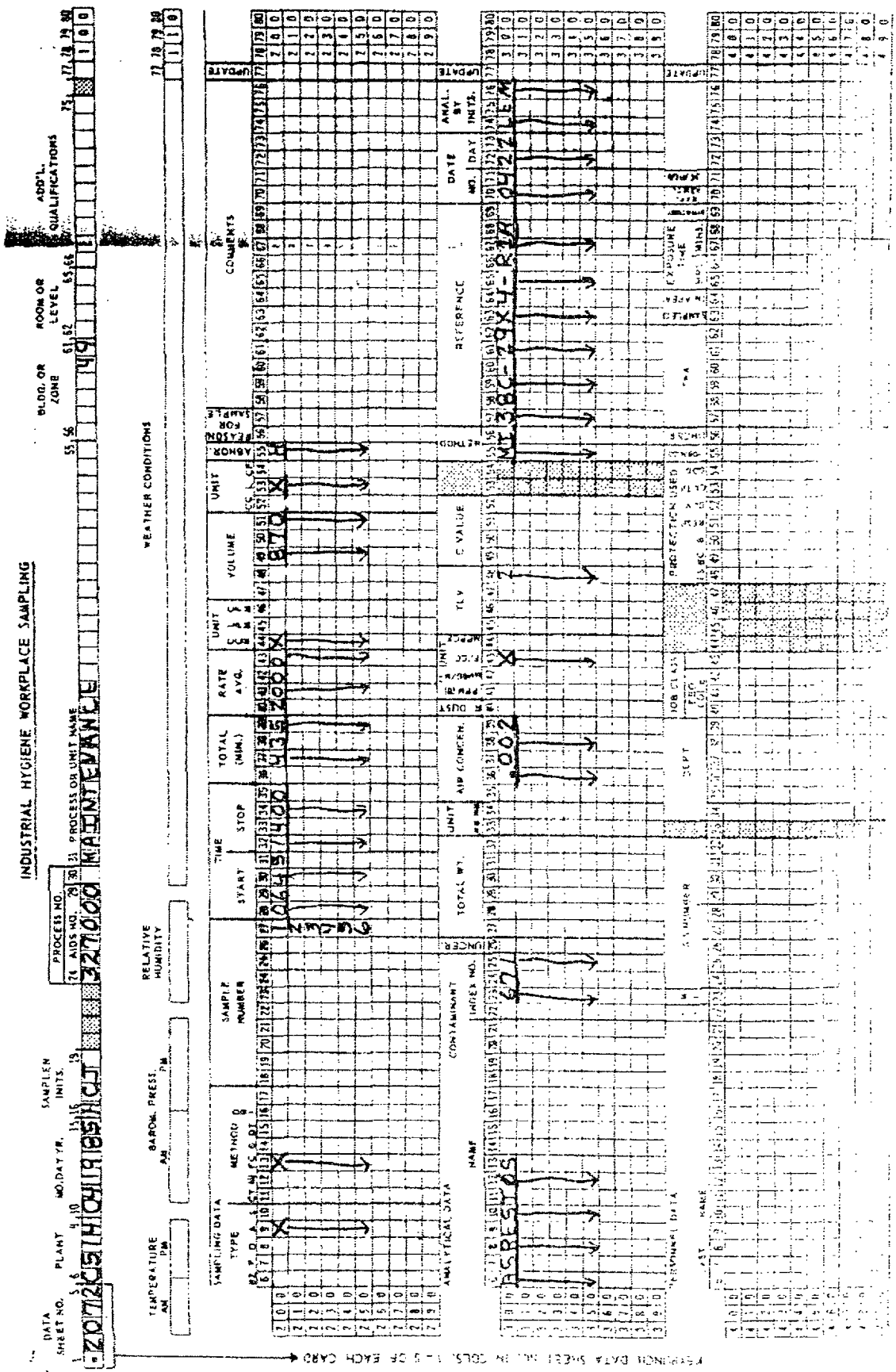
5.8 X 870

Remarks: (See Reverse Side) #3 had 1 FC/100 FIELDS

2072 1, 2, 4, 5, 6 had Ø Fibers/100 Fields

UCC 001262

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INDUSTRIAL HYGIENE WORKPLACE SAMPLING
DATA SHEET NO.
PLANT
MO. DAY YR.
SAMPLER INITS.
PROCESS NO.
AIDS NO.
PROCESS OR UNIT NAME
BLDG. OR ZONE
ROOM OR LEVEL
ADD'L. QUALIFICATIONS
WEATHER CONDITIONS
TEMPERATURE AM PM
BAROM. PRESS. AM PM
RELATIVE HUMIDITY
SAMPLING DATA
TYPE
METHOD
SAMPLE NUMBER
TIME START STOP
TOTAL (MIN.)
RATE AVG.
VOLUME
UNIT
TLV
C VALUE
REFERENCE
COMMENTS
DATE
ANAL. BY INITS.
EXPOSURE TIME
PROTECTION USED
JOB CLASS
TEST CODE
SEPT
ANALYTICAL DATA
CONTAINMENT
NAME
INDEX NO.
TOTAL WT.
AIR CONCENTR.
PERSONNEL DATA
SS NUMBER
ASBESTOS
MAINTENANCE
REFERENCE DATA SHEET NO. IN COLS. 1-5 OF EACH CARD

UCC 0012263

INDUSTRIAL HYGIENE WORKPLACE SAMPLING SUPPLEMENTAL COMMENTS

1	5	8 PLANT	10 MO DAY YR 15
W0072		0514	041985

LINE NO.	
10	1
10	2
20	1
22	1
23	1
24	1
25	1

REMOVING INSULATION FOR AIRBORNE ASBESTOS SAMPLING
AROUND BOTTOM OF EAST TANK
FENCE BETWEEN CONTROL HOUSE AND TUNNEL
NORTH OF TUNNEL
AT TANK FARM
SOUTH OF POWER HOUSE
EAST OF POWER HOUSE
INSIDE CONTROL HOUSE AT PUMP
INSIDE AIRBORNE BLDG. 30
INSIDE AIRBORNE BLDG. 4
MAIN ASBESTOS STOP VALVE AT POWER HOUSE #5 BLDG. 4
AT TK 4 & 4
POWER HOUSE #5 BLDG. 4
CHECKING OUTSIDE

DATE

SIGNATURE

2071

WU-0195 #106

WORKPLACE ENVIRONMENT MONITORING - FIELD DATA SHEET

Page ____ of ____

Date 4-17-85 Project ASBESTOS Department BLDG 117

General Operating Conditions: REMOVING INSULATION INSIDE AND OUTSIDE MAINLAND POWER HOU

Sampling Method and Equipment: Personal ____ : Area ✓ : Portable Sampler Pump ✓ : Charcoal Tube ____ : Bag ____ : Other FILTER CASSETTE

Remarks: ____

Shift: Day ✓ Eve. ____ Mid. ____ No. Employees ____ Sampled By MCT

Employee Name, Job Title, Payroll No., Soc. Sec. No., Bldg. No. - Monitoring Loc. Smoke - Chew?	Sample No.	Pump Ser. Number	Pump KV	Pump Flow Control Set	Initial Pump Reading	Final Pump Reading	Net Pump Reading	Start (Time)	Stop (Time)	Net Sample Time, Min.	Volume, Liters.	Conc. f/cc
NORTH EAST CORNER BLDG 50	1	9671		500/15	500/15	2LPM		0700	1430	450	900	.002
NORTH OF POWER HOUSE NE RAILROAD TRACK	2	9253		500/15	500/15	2LPM		0700	1430	450	900	.002
EAST OF POWER HOUSE NE YK FARM	3	9365		500/15	500/15	2LPM		0700	1430	450	900	.002
SOUTH OF POWER HOUSE NE BLDG 42	4	9247		500/15	500/15	2LPM		0700	1430	450	900	.002
SOUTH OF POWER HOUSE NE BLDG 42	5	2226		500/15	500/15	2LPM		0700	1430	450	900	.002
NE YK FARM EAST OF POWER HOUSE	6	4862		500/15	500/15	2LPM		0700	1430	450	900	.002

$\frac{.01 \times 855}{5.8 \times 900} = .002$

Remarks: (See Reverse Side) 2071 #3 + #5 HAD 1 FIBER/100 FIELDS
#1, 2, 4, 6 HAD Ø FIBERS/100 FIELDS

UCC 012265

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INDUSTRIAL HYGIENE WORKPLACE SAMPLING
MAINTENANCE
ASBESTOS
WEATHER CONDITIONS
REFERENCE
COMMENTS
PROTECTION USED
PROCESS NO.
PROCESS OR UNIT NAME
BLDG. OR ZONE
ROOM OR LEVEL
ADD'L. QUALIFICATIONS
SAMPLER INITS.
PLANT
MO.DAY YR.
TEMPERATURE
BAROM. PRESS.
RELATIVE HUMIDITY
SAMPLING DATA
ANALYTICAL DATA
PERSONNEL DATA
SAMPLE NUMBER
METHOD
START
STOP
TOTAL (MIN.)
VOLUME
C VALUE
TWA
DEPT.
S.E. NUMBER
JOB CLASS
ELOG CODE
DATE
DAY
ANAL. BY INITS.
UPDATE

INDUSTRIAL HYGIENE WORKPLACE SAMPLING SUPPLEMENTAL COMMENTS

| | | |

2070 WV- 045 # 105

WORKPLACE ENVIRONMENT MONITORING - FIELD DATA SHEET

Page ____ of ____

Date 4-16-85 Project ASBESTOS Department 327000

General Operating Conditions: CHECKING AREA AROUND MPH FOR AIRBORNE ASBESTOS WHILE REMOVING INSULATION INSIDE MPH AND OUTSIDE

Sampling Method and Equipment: Personal ____ : Area ✓ : Portable Sampler Pump ✓ : Charcoal Tube ____ : Bag ____ : Other FILTER CASSETTE

Remarks: ____

Shift: Day ✓ Eve. ____ Mid. ____ No. Employees ____ Sampled By MCT

Employee Name, Job Title, Payroll No., Soc. Sec. No., Bldg. No. - Monitoring Loc. Smoke - Chew?	Sample No.	Pump Ser. Number	Pump Kv	Pump Flow Control Set	Initial Pump Reading	Final Pump Reading	Net Pump Reading	Start (Time)	Stop (Time)	Net Sample Time, Min.	Volume, Liters.	Conc, f/cc
NORTH EAST CORNER OF BLDG 50	1	9671			500/15	500/15		0615	1430	465	930	.002
NORTH OF POWER HOUSE AT RAILROAD TRACK	2	9365			500/15	500/15		0615	1430	465	930	.002
SOUTH EAST OF POWER HOUSE	3	9253			500/15	500/15		0615	1430	465	930	.002
SOUTH OF POWER HOUSE AT BLDG 42	4	9376			500/15	500/15		0615	1430	465	930	.002
SOUTH OF POWER HOUSE AT BLDG 42	5	9254			500/15	500/15		0615	1430	465	930	.002
EAST OF POWER HOUSE AT TK FARM NEXT TO BLDG 300	6	9368			500/15	500/15		0615	1430	465	930	.002

ALL 6 SAMPLES 1 FIBER PER 100 FIELDS

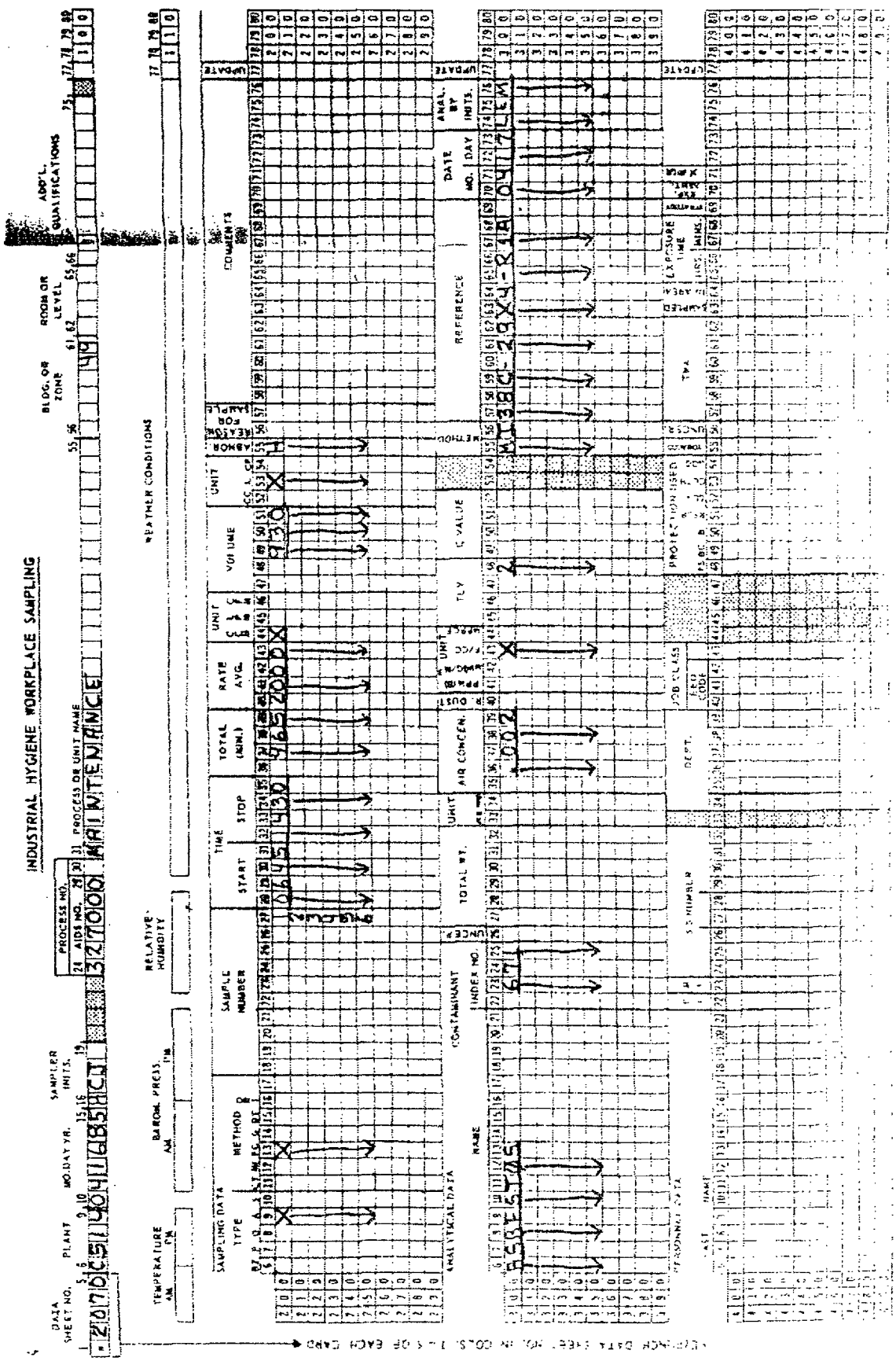
$\frac{.01 \times 855}{5.8 \times 930} = .002$

Remarks: (See Reverse Side) NOTE: # 1 & #5 HAD 1 FIBER/100 FIELDS

2070 2,3,4,6 HAD NO FIBERS

UCC 0012268

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INDUSTRIAL HYGIENE WORKPLACE SAMPLING
MAINTENANCE
SAMPLE NUMBER
TOTAL (MIN.)
RATE AVG.
VOLUME
REFERENCE
DATE
ANAL. BY
INITS.
COMMENTS
TWA
DEPT.
JOB CLASS
S.S. NUMBER
PROTECTION USED
EXPOSURE TIME
WEATHER CONDITIONS
RELATIVE HUMIDITY
TEMPERATURE
BAROM. PRESS.
SAMPLING DATA
ANALYTICAL DATA
PERSONNEL DATA
AREA SAMPLED
BLDG. OR ZONE
ROOM OR LEVEL
ADD'L. QUALIFICATIONS
PROCESS NO.
AIDA NO.
PROCESS OR UNIT NAME
DATA SHEET NO.
PLANT
MO. DAY YR.
SAMPLER INITS.
UCC 0012269

INDUSTRIAL HYGIENE WORKPLACE SAMPLING SUPPLEMENTAL COMMENTS

WALNUT | PLANT 9 | SO NO 6478 | DAY | YR 75

REMOVING INSULATION FROM AROUND BETWEEN TURNER AREA AND FENCE NORTH OF EAST POWER FARM AT TANK SOUTH OF POWER HOUSE EAST OF POWER HOUSE AT TANK FARM. INSIDE BLDG. 50, STORE HOUSE. BLDG. 47, MAINLAND ASBESTOS, POWER HOUSE. OUTSIDE CHECKING OUT.

DATE | SIGNATURE | LINE NO.

1021
1021
2311
2411
2512

UCC 00012270

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