WU-0155 # 103

WORKPLACE ENVIRONMENT MONITORING - FIELD DATA SHEET

Page ____ of ____

Date 4-8-85 Project ASBESTOS Department

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 HOT

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
FENCE BETWEEN TUNNEL & BLDG 4	1	9368	1.00	500/15	500/15		2 LPM	0700	1415	435	870	.002
NORTH EAST CORNER OF BLDG 50	2	9365		500/15	500/15			0700	1415	435	870	
NORTH OF POWER HOUSE STOP SIGN	3	9253		500/15	500/15			0700	1415	435	870	
HI TK FARM SO EAST OF POWER HOUSE	4	9247	5.6 X 8.5 = 47.6	500/15	500/15			0700	1415	435	870	
SOUTH OF POWER HOUSE AT BLDG 42	5	9371		500/15	500/15			0700	1415	435	870	
EAST OF POWER HOUSE AT TK 454	6	9254		500/15	500/15		✓	0700	1415	435	870	

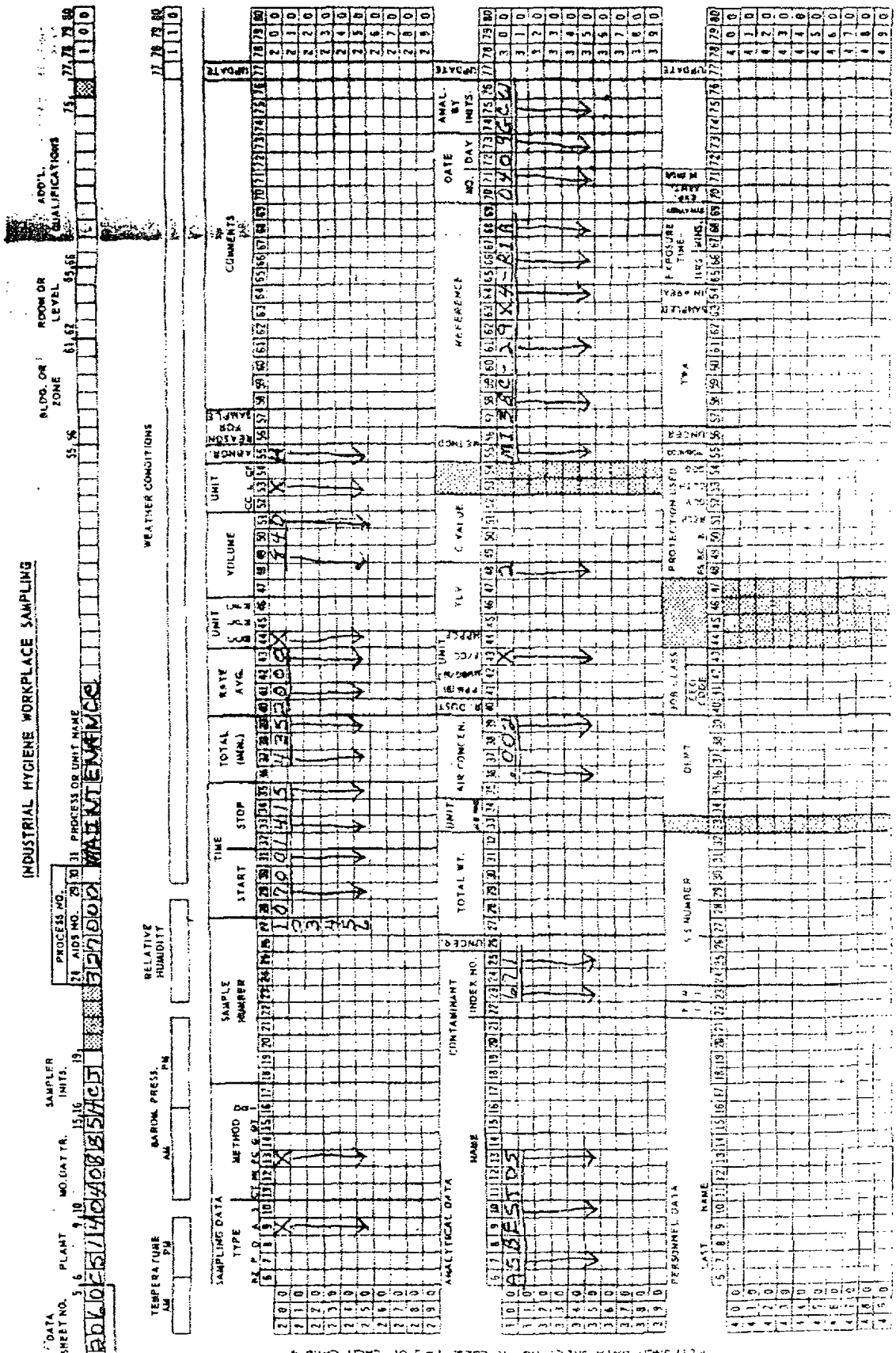
9020

Remarks: (See Reverse Side)

UCC 001221

PLAINTIFF'S EXHIBIT UC-3774

Union Carbide trial exhibit UC-3774: Workplace Environment Monitoring Field Data Sheets and Industrial Hygiene S...
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INDUSTRIAL HYGIENE WORKPLACE SAMPLING
DATA SHEET NO.
PLANT
MO. DAY YR.
SAMPLER INITS.
PROCESS 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
TIME STOP
TOTAL (MIN.)
RATE AVG.
VOLUME
UNIT
TOTAL WT.
AIR CONCEN.
TLV
C VALUE
PROTECTION USED
JOB CLASS
EXPOSURE TIME
DATE
ANAL. BY INITS.
COMMENTS
ANALYTICAL DATA
CONTAMINANT
INDEX NO.
NAME
SS NUMBER
DEPT
REFERENCE
PERSONNEL DATA
LAST
NAME
KEYPUNCH DATA SHEET NO. IN COLS. 1 - 5 OF EACH CARD

UCC 0012212

INDUSTRIAL HYGIENE WORKPLACE SAMPLING SUPPLEMENTAL COMMENTS

WB0060 | 5 | 6 PLANT 6 CS14 | 10 AND DAY YR 11 040885

	LINE NO.
REMOVING INSULATION FROM INSIDE AREA AROUND FOR ALL BORNE FENCE BETWEEN BLDG. 30 NORTH OF CORNER OF STOP AT NORTH OF FARM SE HOUSE AT SOUTH OF POWER AT EAST OF POWER HOUSE AT TK 454.	1011
	1012
	2011
	2211
	2311
	2411
	2511

MAINLAND ASBESTOS. SIGN. POWERHOUSE. CHECKING DUAT

SIGNATURE

DATE

UCC 0012213

Union Carbide trial exhibit UC-3774: Workplace Environment Monitoring Field Data Sheets and Industrial Hygiene S...
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2258

WU-025 #102

WORKPLACE ENVIRONMENT MONITORING - FIELD DATA SHEET Page ___ of ___

Date 4-4-85 Project ASBESTOS Department 327

General Operating Conditions: MPH

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

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.	Conc. mg
BLDG 40 NORTH	10	9146			3.0	2.0		0717	1417	420	840	.002
BLDG 50 NE	11	496-B			2.0	1.8		0710	1410	420	756	.002

Remarks: (See Reverse Side)

UCC 0012214

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INDUSTRIAL HYGIENE WORKPLACE SAMPLING SUPPLEMENTAL COMMENTS

1	2	3	4	5	6	7	8
W	2	0	5	8			

PLANT: 2514

DAY: 04

MO: 04

YR: 85

REMOVING INSULATION FOR AIRBORNE ASBESTOS. AREA AROUND MPH BLDG. NE

MAIN LAND POWER HOUSE, CHESTNUT

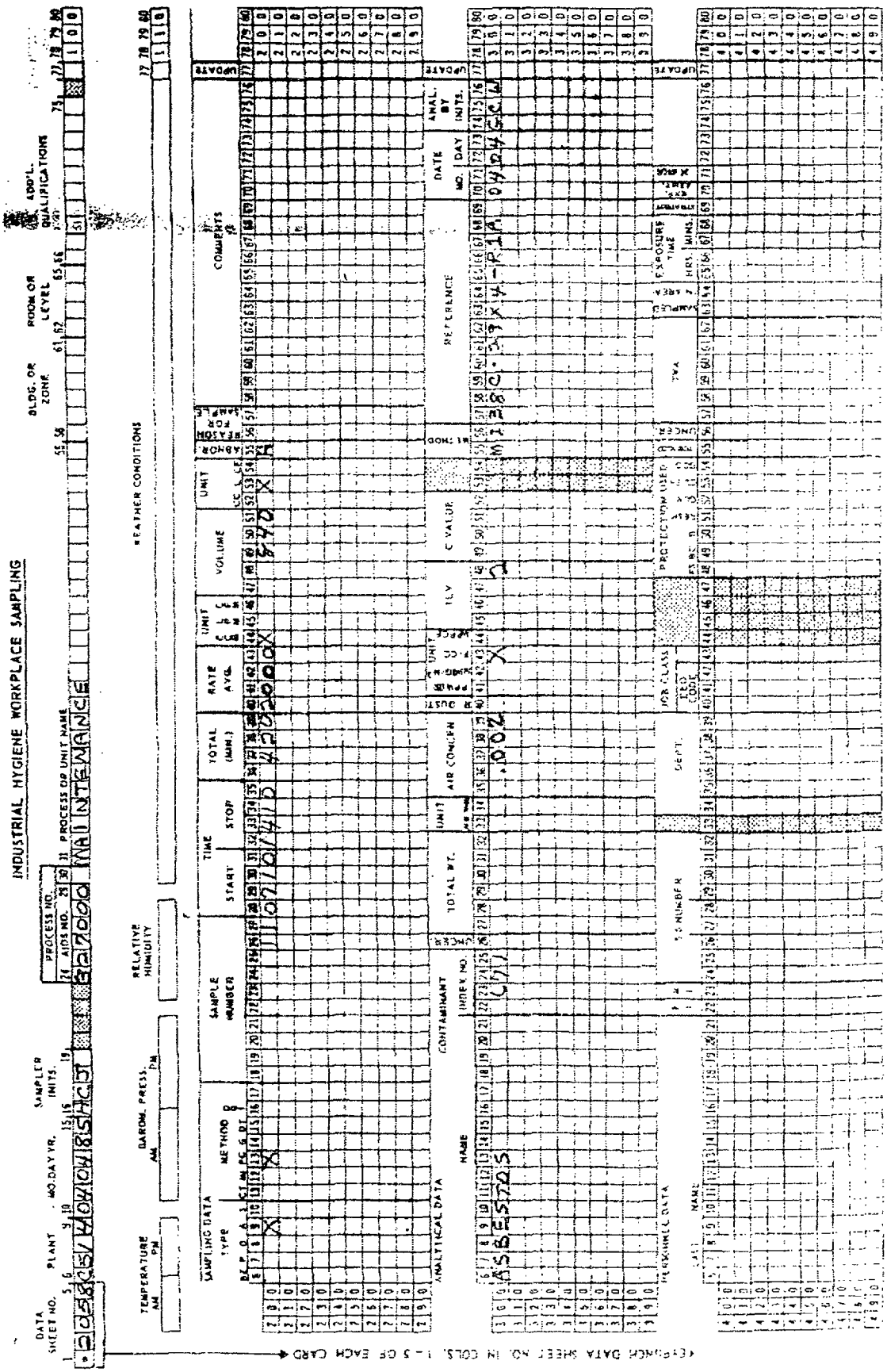
LINE NO. 1027 201

DATE

SIGNATURE

UPDATE

UCC 0012215



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UCC 012217
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WU-045 # 101

2057

WORKPLACE ENVIRONMENT MONITORING - FIELD DATA SHEET

Page ____ of ____

Date 4-4-85 Project ASBESTOS Department

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 LEM

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 L/Min.	Net Pump Reading	Start (Time)	Stop (Time)	Net Sample Time, Min.	Volume, Liters.	Conc., ppmv
ON FENCE BETWEEN BLDG 42 AND TUNNEL	1	9240			2.0	2.0	2.0	~~0408~~	1408	420	840	.002
ON FENCE BETWEEN BLDG 42 AND 80	2	9247	.01	1.85	2.0	1.85		0718	1418	420	777	.002
ON FENCE BETWEEN BLDG 300 AND GATE 9	3	9671			2.0	1.9		0722	1422	420	798	.002
RED HEAD STATION ON FENCE E OF BLDG 82	4	9376			2.0	2.0		0726	1426	420	840	.002
SOUTH OF BLDG 36 AT MAINTENANCE SHACK	5	9365			2.0	1.9		0717	1417	420	798	.002
ROADWAY @ OXIDE ADDITION N OF E-W ROADWAY INTERSECTION	6	9368			2.0	1.9		0710	1410	420	798	.002
ROADWAY S SIDE OF STOP SIGN @ OLD COAL UNLOAD	7	9254	Field	1.9	2.0	1.9		0711	1411	420	798	.002
NE CORNER OF BLDG 42	8	9371	0	1.90	2.0	1.75		0719	1419	420	735	.002
NE CORNER OF BLDG 42 DUE SOUTH OF MPH	9	9253	0		2.0	1.95		0718	1418	420	819	.002

2057

Remarks: (See Reverse Side)

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INDUSTRIAL HYGIENE WORKPLACE SAMPLING SUPPLEMENTAL COMMENTS

NZ0577 | CSU14 | 040785

UPDATE | LINE NO

10 2
15 2
20 2
25 2
30 2
35 2
40 2
45 2
50 2
55 2
60 2
65 2

INSULATION FOR BLDG. 42 BETWEEN BLDG. 36 AND BLDG. 37 ON THE SOUTH SIDE OF BLDG. 42 IN THE NORTH WEST CORNER OF THE BLDG.

REMOVING INSULATION FROM PIPES IN THE BASEMENT OF BLDG. 42 IN THE NORTH WEST CORNER OF THE BLDG.

MAINTENANCE MEN WERE REMOVING INSULATION FROM PIPES IN THE BASEMENT OF BLDG. 42 IN THE NORTH WEST CORNER OF THE BLDG.

INSULATION FOR BLDG. 42 BETWEEN BLDG. 36 AND BLDG. 37 ON THE SOUTH SIDE OF BLDG. 42 IN THE NORTH WEST CORNER OF THE BLDG.

REMOVING INSULATION FROM PIPES IN THE BASEMENT OF BLDG. 42 IN THE NORTH WEST CORNER OF THE BLDG.

MAINTENANCE MEN WERE REMOVING INSULATION FROM PIPES IN THE BASEMENT OF BLDG. 42 IN THE NORTH WEST CORNER OF THE BLDG.

POWER HOUSE - CHECKING OUT

ALONG ROUTE 60 ON ROUTE 60

ENTERS SECTION

DATE

SIGNATURE

UCC 0012219

2054

WV-0195 #103

WORKPLACE ENVIRONMENT MONITORING - FIELD DATA SHEET

Date 4-3-85 Project ASBESTOS Department

General Operating Conditions:

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

Remarks:

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

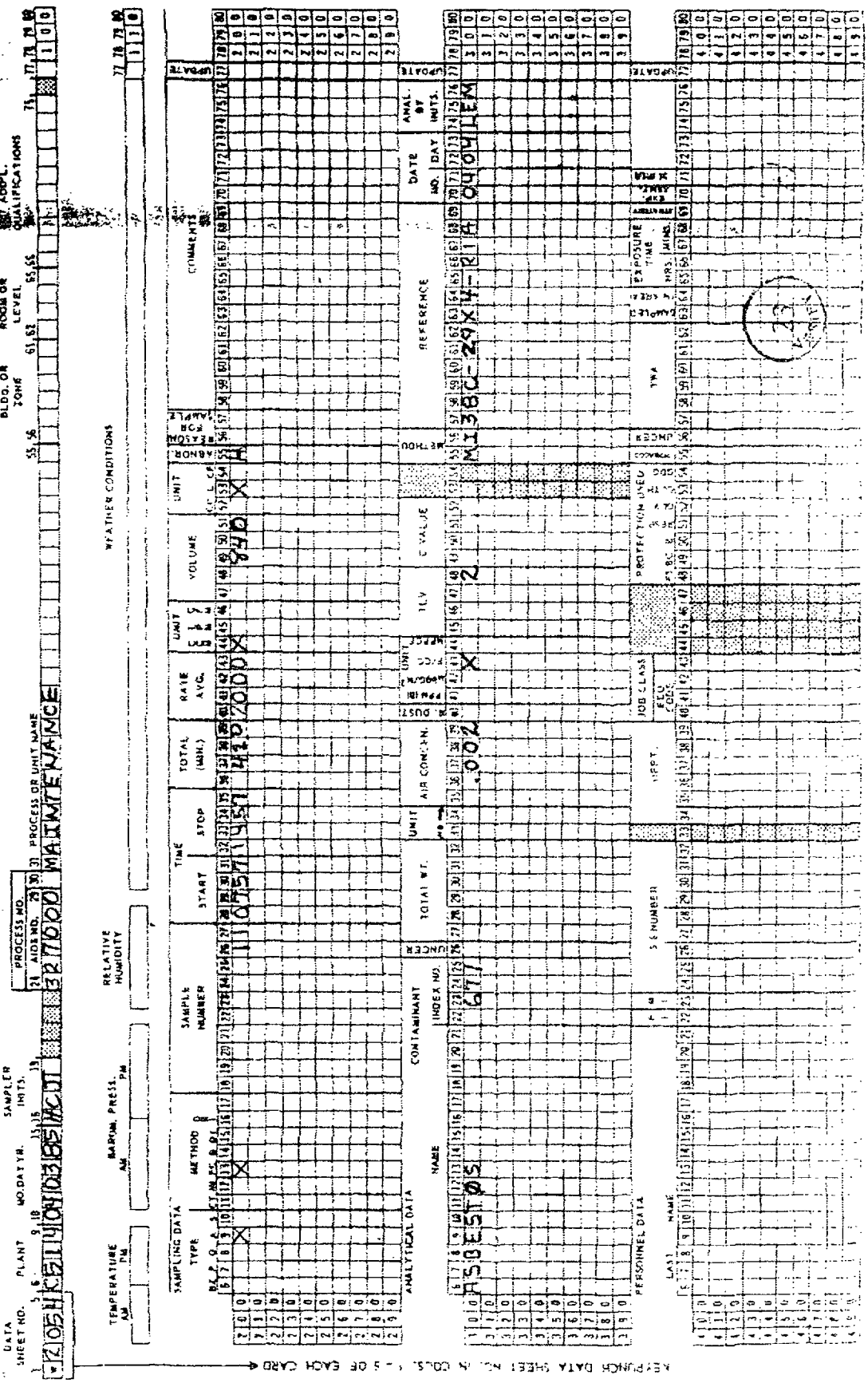
Employee Name, Job Title, Payroll No., Soc. Sec. No., Bldg. No. - Monitoring Loc. Smoke - Chew?	Sample No.	Pump Ser. Number	Pump Kv	Pump Flow Control Set	Initial Pump Reading	Final Pump Reading	Net Pump Reading	Start (Time)	Stop (Time)	Net Sample Time, Min.	Volume, Liters.	Conc., ppmv
BLDG 40 NORTH	10	9671			500/15	500/15	2 LPM	0753	1453	420	840	.002
NE CORNER OF BLDG 50	11	9367			500/15	500/15	2 LPM	0757	1457	420	840	.002
#10911												
1 FC/100 FIELDS = $\frac{.01 \times 855}{5.8 \times 840} = .002$												

Remarks: (See Reverse Side)

2054

UCC 0012220

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INDUSTRIAL HYGIENE WORKPLACE SAMPLING
PROCESS NO.
PROCESS OR UNIT NAME
MAINTENANCE
WEATHER CONDITIONS
TEMPERATURE
RELATIVE HUMIDITY
SAMPLING DATA
ANALYTICAL DATA
PERSONNEL DATA
SAMPLE NUMBER
TOTAL (MIN.)
VOLUME
REFERENCE
COMMENTS
KEYPUNCH DATA SHEET NO. IN COLS. 1-5 OF EACH CARD

UCC 0012221

INDUSTRIAL HYGIENE WORKPLACE SAMPLING SUPPLEMENTAL COMMENTS

1	5	6 PLANT	10 MO DAY	YR 15
W20154		C5414	040385	

UPDATE	LINE NO.
	1101
	1102
	2901

AREA AROUND INSULATION FOR MPH FOR NORTH EAST CORNER OF BLDG 50 - INTERIOR NE ASBESTOS MAINLAND POWER HOUSE • CHECKING OUT

DATE

SIGNATURE

UCC 0012222

Union Carbide trial exhibit UC-3774: Workplace Environment Monitoring Field Data Sheets and Industrial Hygiene...
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2053

WJ-0185 #79

WORKPLACE ENVIRONMENT MONITORING - FIELD DATA SHEET

Date 4-3-85 Project ASBESTOS Department

General Operating Conditions: REMOVING INSULATION INSIDE MAINLAND POWER HOUSE. CHECKING AREA OUT AREA AROUND MPH FOR AIRBORNE ASBESTOS

Sampling Method and Equipment: Personal ___ : Area ✓ : Portable Sampler Pump ✓ : Charcoal Tube ___ : Bag ___ : Other FILTER CASSETTE MAW P037A0 .8 PORE SIZE

Remarks:

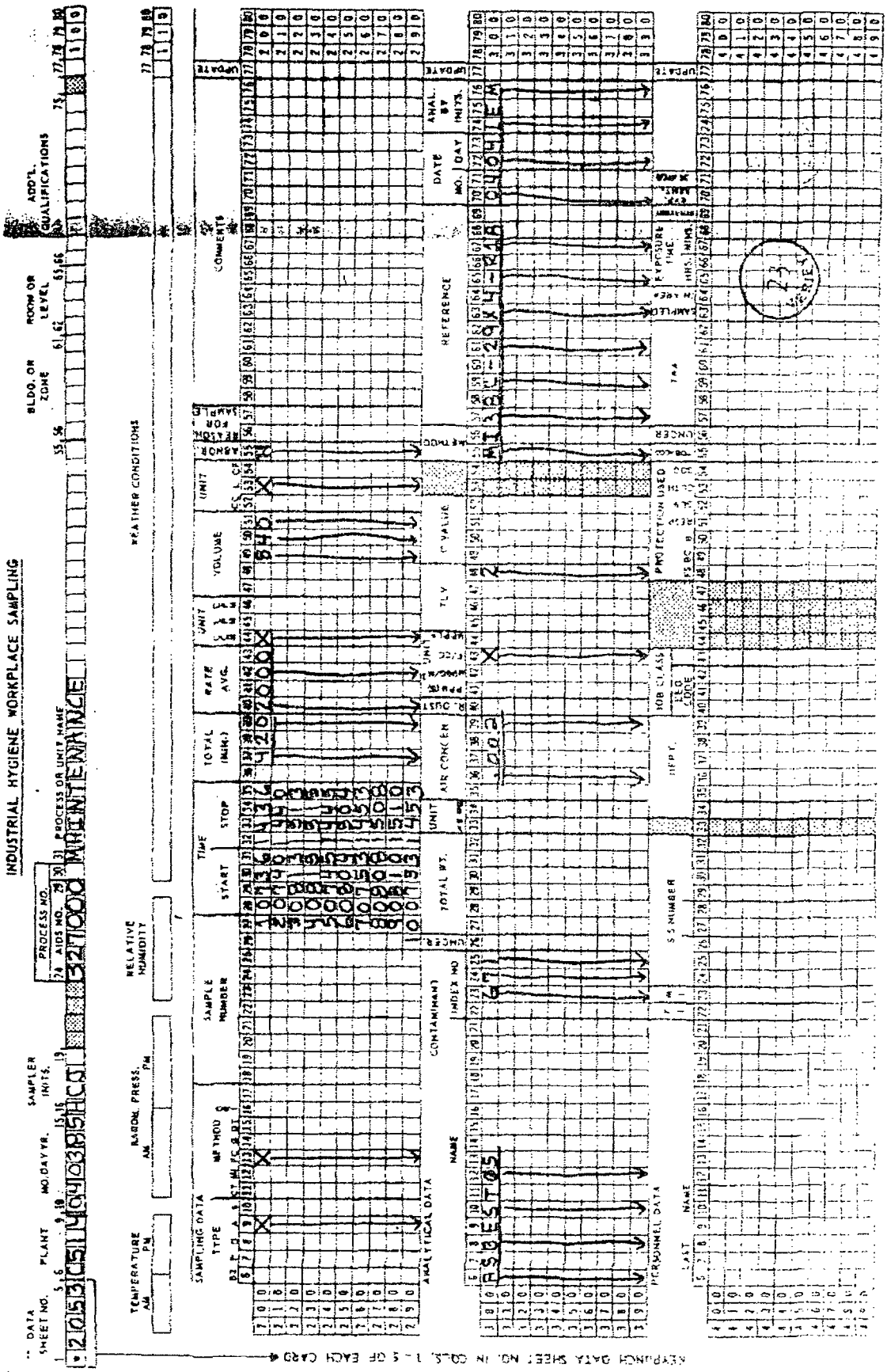
Shift: Day ✓ Eve. ___ Mid. ___ No. Employees ___ Sampled By HCJ LEM III

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. ...
ON FENCE BETWEEN BLDG 42 AND TUNNEL	1	9253			500/15	500/15	2LPM	0736	1436	420	840	.002
ON FENCE BETWEEN BLDGS 42 & 80	2	9254	.002					0740	1440	420	840	.002
ON FENCE BETWEEN BLDG 300 & GATE 9	3	9376	.101 × 8.95 = 5.8 × 840					0813	1513	420	840	.002
ON FENCE AT RED HEAD AND BLDG 82	4	9371						0815	1515	420	840	.002
BLDG 36-5 (MAINTENANCE SHACK	5	9368						0745	1445	420	840	.002
ROADWAY & OXIDE ADDUCTS TANKS (NOT EW ROADWAY AT INTERSECTION	6	9146	FC/100 FIELDS =					0804	1504	420	840	.002
ROADWAY S SIDE AT INTERSECTION AT STOP SIGN	7	9365						0753	1453	420	840	.002
N E CORNER OF BLDG 42	8	9247						0808	1508	420	840	.002
W OF N E CORNER OF BLDG 42 DUE S OF MPH	9	9240						0810	1510	420	840	.002

Remarks: (See Reverse Side) 2053

UCC 0012223

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INDUSTRIAL HYGIENE WORKPLACE SAMPLING SUPPLEMENTAL COMMENTS

W2053 | CS119 | 04/03/85

LINE NO.	
10	OUTSIDE CHECKING
22	
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UPDATE

DATE

SIGNATURE

UCC 0012225

2051 WU-0195 #98

WORKPLACE ENVIRONMENT MONITORING - FIELD DATA SHEET Page ____ of ____

Date 4-2-85 Project ASBESTOS Department 327 DEPT

General Operating Conditions: CHECKING BACKGROUND AT VARIOUS POINTS ALONG FENCE BETWEEN DISPENSARY AND GATE 9, ALSO SAMPLES AT BLDG 82 + RED HEAD STATION.

Sampling Method and Equipment: Personal ___ : Area ✓ : Portable Sampler Pump ✓ : Charcoal Tube ___ : Bag ___ : Other FILTER CASSETTE MAWP037A0 .8 PORE SIZE

Remarks: ___

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

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.
ON FENCE BETWEEN TUNNEL + BLDG 42 ALONG ROUTE 60	1	9368			500/15	500/15	2 LPM	0730	1500	450	900	.002
ON FENCE BETWEEN BLDG 42 + BLDG 80 ALONG ROUTE 60	2	9376			500/15	500/15		0734	1500	446	892	.002
ON FENCE BETWEEN BLDG 300 + GATE 9 ALONG ROUTE 60	3	9254			500/15	500/15		0739	1500	441	882	.002
ON FENCE AT RED HEAD STATION W SIDE E of BLDG 82 PARK LOT	4	9253			500/15	500/15		0746	1500	434	868	.002
ON FENCE AT RED HEAD STATION E SIDE	5	9371			500/15	500/15		0750	1500	430	860	.002
#1 = <1 FC/100 FIELDS	.01 X 855 / 5.8 X 900		= .002									
#2 = <1 " " "	.01 X 855 / 5.8 X 892		= .002									
#3 = <1 " " "	.01 X 855 / 5.8 X 882		= .002									
#4 = <1 " " "	.01 X 855 / 5.8 X 868		= .002									
#5 = <1 " " "	.01 X 855 / 5.8 X 860		= .002									

Remarks: (See Reverse Side) 2051

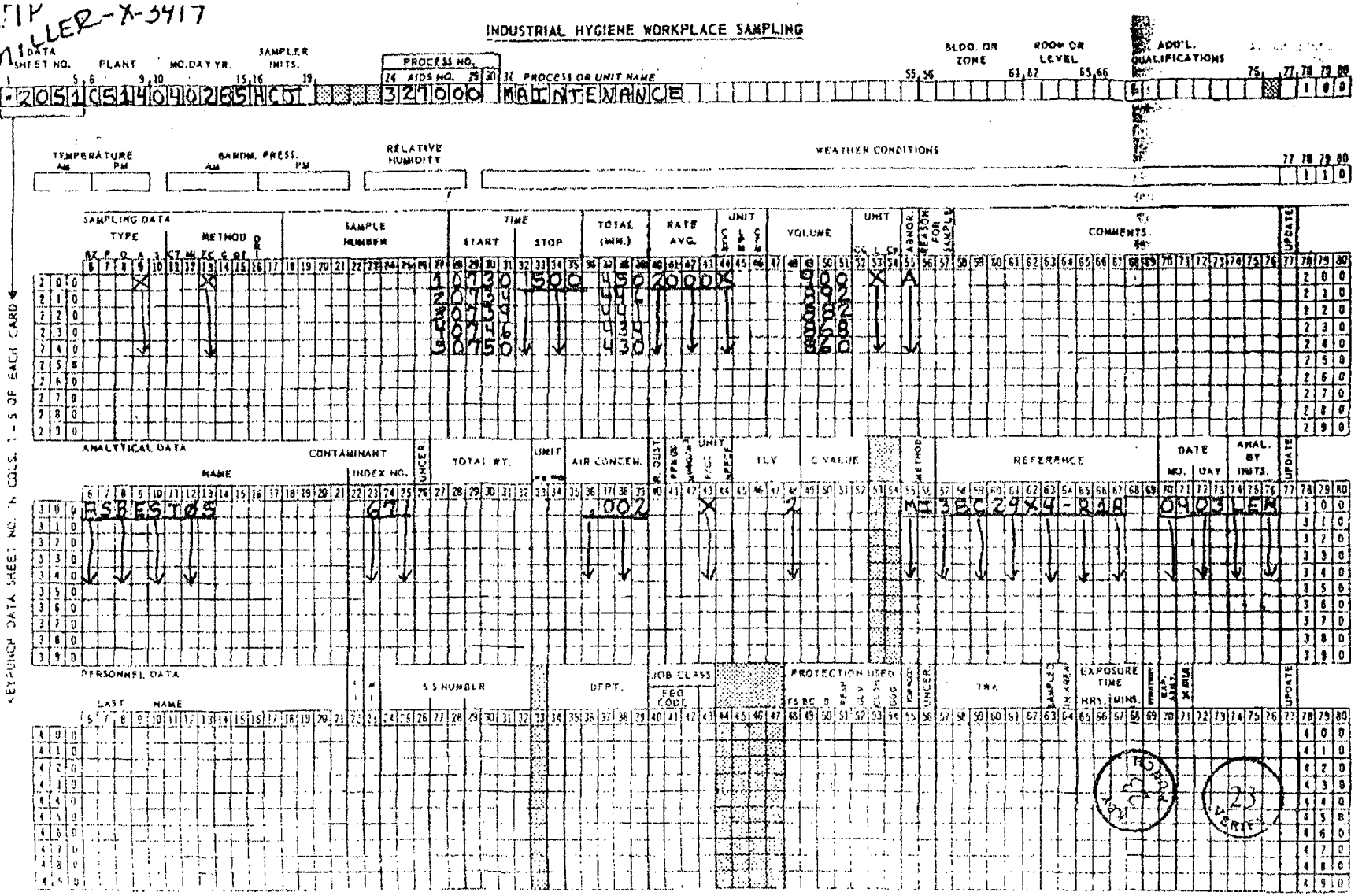
UCC 012226

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UCC 0012227
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asbestosclaims.law/library/18456/17

A261F1P
LEE MILLER-X-3417

INDUSTRIAL HYGIENE WORKPLACE SAMPLING



INDUSTRIAL HYGIENE WORKPLACE SAMPLING SUPPLEMENTAL COMMENTS

W12051 | PLANT 6 C514 | 18 MO DAY YR 15 040285

LINE NO.	
1011	CHECKING BACKGROUND SAMPLES AT VARIOUS POINTS
1022	WEEDING BLDG. 42 TUNNEL AND GATE 30 AND GATE 60
2011	TANNING WEEDING BLDG. 42 SERVICE BLDG. 42 TUNNEL AND BLDG. 80
2211	FENCE BETWEEN BLDG. 42 AND BLDG. 80
2221	FENCE BETWEEN BLDG. 42 AND GATE 60
2311	PAINTING AT OFF HEAD STATION WEST SIDE
2322	AND FENCE AT OFF HEAD STATION EAST SIDE
2411	PAINTING AT SERVICE

SIGNATURE

DATE

UCC 0012228