1680 ✓

WV-0195 #43

WORKPLACE ENVIRONMENT MONITORING - FIELD DATA SHEET

Page ____ of ____

Date 12-14-83 Project Asbestos Department 327 / East 216 / Polymer Polyis

General Operating Conditions: Stripping Insul. From Tank 259 & 260. (Insul. was wet. Did not have to wet Down) Insulators were Disp. Dust Resp.

Sampling Method and Equipment: Personal ✓: Area ✓: Portable Sampler Pump ✓: Charcoal Tube ____: Bag ____: Other F.S.

Remarks:

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

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.
J.L. Cline Insul	1	MSA 1	500/15	500/15	2.0 LPM	2.0	AV = 2.0	1020	1100	40		
232-74-5900 M								1233	1508	155	390	.140
Yes NO									1335	195		
D.L. Hively Insul	2	MSA 2	500/15		2.0 LPM	2.0	AV = 2.0	1020	1100	40		
232-50-3230 M								1222	1508	166	412	.125
Yes Yes									1346	206		
R.E. Thomas	3	MSA 3	500/15		2.0 LPM	2.0	AV = 2.0	1020	1100	40		
232-40-3297								1222	1508	166	412	.186
NO NO									1346	206		
J.F. Adams Jr.	4	MSA 4	500/15		2.0 LPM	2.0	AV = 2.0	1020	1100	40		
226-64-7199								1222	1508	166	412	.276
Yes NO									1346	206		
At Barricade Between Tank and Office & Control Room Appx 22 Ft West of Tank	5	Bendix	500/15		2.0 LPM	1.8	AV = 1.9	1020	1508	288	547	.013

1) 38-1 = 37 Fibers/100 Fields

$\frac{.37 \times 855}{5.8 \times 390} = .140$

2) 35-1 = 34 F/100F

$\frac{.35 \times 855}{5.8 \times 412} = .125$

3) 53-1 = 52 F/100F

$\frac{.52 \times 855}{5.8 \times 412} = .186$

4) 77-1 = 76 F/100F

$\frac{.77 \times 855}{5.8 \times 412} = .276$

5) 6-1 = 5 F/100F

$\frac{.05 \times 855}{5.8 \times 547} = .013$

Stop Time Changed To Reflect Down Time @ Noon.

12-15-83

1680

Remarks: (See Reverse Side)

UCC 0012054

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
W1680	C514	121483	CCA	106310	POLYMER POLYOL	216		100

TEMPERATURE AM	TEMPERATURE PM	BAROM. PRESS. AM	BAROM. PRESS. PM	RELATIVE HUMIDITY	WEATHER CONDITIONS
					110

KEYPUNCH DATA SHEET NO. IN COLS. 1-5 OF EACH CARD

Line	SAMPLING DATA TYPE	METHOD	SAMPLE NUMBER	TIME START	TIME STOP	TOTAL (MIN.)	RATE AVG.	UNIT	VOLUME	UNIT	ABNOR.	REASON FOR SAMPLE	COMMENTS	UPDATE
200	X	X	1	1020	1335	195	2.0	X	390	X	N			200
210			2		1346	206			412					210
220			3											220
230			4											230
240	X		5		1508	288	1.9		547					240
250														250
260														260
270														270
280														280
290														290

Line	ANALYTICAL DATA NAME	CONTAMINANT INDEX NO.	UNCER.	TOTAL WT.	UNIT	AIR CONCEN.	R. DUST	UNIT	TLV	C VALUE	METHOD	REFERENCE	DATE MO.	DATE DAY	ANAL. BY INITS.	UPDATE
300	ASBESTOS	671				.140	X	X	.5		MI	38C-29X4-R1A	12	15	CCA	300
310						.125										310
320						.186										320
330						.276										330
340						.013										340
350																350
360																360
370																370
380																380
390																390

Line	PERSONNEL DATA LAST NAME	FI	MI	S S NUMBER	DEPT.	JOB CLASS / EEG CODE	PROTECTION USED	UNCER.	TWA	SAMPLED IN AREA	EXPOSURE TIME HRS.	EXPOSURE TIME MINS.	UPDATE
400	CLINE	J	L	232745900	327000	HQZ	RX X	S	.0569	T	315	NNM	400
410	HIVELY	D	L	232503230				B	.0536		26		410
420	THOMAS	R	E	232403277					.0798				420
430	ADAMS JR	J	F	226647199				S	.1185				430
440													440
450													450
460													460
470													470
480													480
490													490

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INDUSTRIAL HYGIENE WORKPLACE SAMPLING SUPPLEMENTAL COMMENTS

1–5	6–9 PLANT	10–15 MO DAY YR
W1680	C514	121483

KEYPUNCH THIS IN COL. 1 & 2 OF EACH NONBLANK CARD

16–76	77 UPDATE	78–80 LINE NO.
REMOVING INSULATION FROM TANKS 259 AND 260.		101
INSULATION WAS ALREADY WET, DID NOT HAVE TO WET DOWN.		102
AT BARRIER, APPX. 22 FT. FROM TANK, NEAR OFFICE AND CONTROL ROOM.		241

SIGNATURE

DATE

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