

UN-0195 # 185

2504
WORKPLACE ENVIRONMENT MONITORING - FIELD DATA SHEET

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Department

Project ABS

General Operating Conditions: Checking Pipe Chases for Airborne ABS

Sampling Method and Equipment: Personal : Area X: Portable Sampler Pump X: Charcoal Tube :
Bag : Other 1/2 25mm

Remarks:

Shift: Day X Eve. Mid. No. Employees Sampled by CLS

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. <u>ppm</u>
Pipe Chase Between 2nd 3rd Floor West End	1	6307			2.4pm	2.4pm	2.4pm	940	1428	288	576	0034
5-1 = 4 F/100 FIELDS												
Pipe Chase Between 1st-2nd Floor West End	2	6308			2 "	2 "	2 "	942	1432	290	580	0017
3-1 = 2 F/100												
Pipe Chase 2 West 2nd Floor Room 244	3	6309			2 "	2 "	2 "	945	1435	290	580	0017
3-1 = 2 F/100												
Pipe Chase 2 West Room 701 7th Floor	4	6314			2 "	2 "	2 "	949	1438	289	578	0008
2-1 = 1 F/100												
Pipe Chase 7 East Room 737 7th Floor	5	6320			2 "	2 "	2 "	951	1439	288	576	0043
6-5 = 5 F/100												

PLAINTIFF'S EXHIBIT
UC-3810

Remarks: (See Reverse Side)

SUMMARY FOR DEPARTMENTAL USE

TO: W. R. White
 CC: J. K. Corrie
G. F. Hayes
M. J. Shoger

DATE: 07/08/87
 FROM: W. J. VINCENT
 DEPT: INDUSTRIAL HYGIENE

SURVEY DATE: 06/22/87
 CONTAMINANT: ASBESTOS
 PLANT LOCATION: 327000 BLDG 82
 (X) AREA/SOURCE () OCCUPATIONAL EXPOSURE

SAMPLE LOCATION OR MONITORED EMPLOYEE	JOB TITLE	SAMPLE DURATION (MIN)	EXPOSURE (TWA8/ACONG)	STATUS
PIPE CHASE BETWEEN 2ND AND 3RD FLOOR WEST END		288	0.0034 F/CC (ACONG)	IC
PIPE CHASE BETWEEN 1ST AND 2ND FLOOR WEST END		290	0.0017 F/CC (ACONG)	IC
PIPE CHASE 2 WEST ROOM 244		290	0.0017 F/CC (ACONG)	IC
PIPE CHASE 7 WEST ROOM 701		289	0.0008 F/CC (ACONG)	IC
PIPE CHASE 7 EAST ROOM 737		288	0.0043 F/CC (ACONG)	IC

() PROTECTIVE CLOTHING RECOMMENDED
 () RESPIRATORY PROTECTION RECOMMENDED

COMMENTS:

IC=IN COMPLIANCE
 NC=NON-COMPLIANCE
 TWA8=TIME-WEIGHTED AVERAGE FOR 8 HOURS
 ACONC-AIR CONCENTRATION, VALUE IS NOT TIME-WEIGHTED

NEEL=NO ESTABLISHED EXPOSURE LIMIT
 1ST=INADEQUATE SAMPLE TIME FOR TWA8

APPLICABLE STANDARD, TWA/8 HOURS: TLV 0.2 F/CC; OSHA .2 : UCC .2 ;
 SHORT TERM EXPOSURE LIMIT (STEL) : CEILING LIMIT ;

PLEASE NOTIFY MONITORED EMPLOYEES OF RESULTS IN ACCORDANCE WITH PLANT 514 SAFETY/HEALTH PROCEDURE NO. 2.16 AND APPLICABLE OSHA REGULATIONS.

2504B

SUMMARY FOR GROUP FEEDBACK

TO: _____ DATE: 07/08/87
 CC: _____ FROM: W. J. VINCENT
 _____ DEPT: INDUSTRIAL HYGIENE

SURVEY DATE: 06/22/87 PLANT LOCATION: 327000 BLDG 82
 CONTAMINANT: ASBESTOS (X) AREA/SOURCE () OCCUPATIONAL EXPOSURE
 SAMPLE LOCATION OR JOB TITLE SAMPLE DURATION (MIN) EXPOSURE (TWA8/ACONC) STATUS
 PIPE CHASE BETWEEN 2ND AND 3RD FLOOR, WEST END 288 0.0034 F/CC (ACONC) IC
 PIPE CHASE BETWEEN 1ST AND 2ND FLOOR, WEST END 290 0.0017 F/CC (ACONC) IC
 PIPE CHASE 2 WEST ROOM 244 290 0.0017 F/CC (ACONC) IC
 PIPE CHASE 7 WEST ROOM 701 289 0.0008 F/CC (ACONC) IC
 PIPE CHASE 7 EAST ROOM 737 288 0.0043 F/CC (ACONC) IC

() PROTECTIVE CLOTHING RECOMMENDED
 () RESPIRATORY PROTECTION RECOMMENDED

COMMENTS: _____

IC-IN COMPLIANCE NEEL=NO ESTABLISHED EXPOSURE LIMIT
 NC=NON-COMPLIANCE IST=INADEQUATE SAMPLE TIME FOR TWA8
 TWA8=TIME-WEIGHTED AVERAGE FOR 8 HOURS
 ACONC=AIR CONCENTRATION, VALUE IS NOT TIME-WEIGHTED
 APPLICABLE STANDARD, TWA/8 HOURS: TLV 0.2 F/CC ; OSHA .2 ; UCC .2
 SHORT TERM EXPOSURE LIMIT (STEL) ; CEILING LIMIT ;
 PLEASE NOTIFY MONITORED EMPLOYEES OF RESULTS IN ACCORDANCE WITH PLANT 514
 SAFETY/HEALTH PROCEDURE NO. 2.16 AND APPLICABLE OSHA REGULATIONS.

2504C

INDUSTRIAL HYGIENE WORKPLACE SAMPLING

DATA SHEET NO. 3101010 OFFICE BULIDING A2 35.58 81.52 85.25 77.77 77.77 1.00

PLANT NO. 918 MO. DATE 12/15/19

SAMPLER NO. 19

ROOM OR LEVEL 100

QUALIFICATION

TEMPERATURE 77.77

RELATIVE HUMIDITY 11.10

BAROM. PRESS. 30.10

WIND DIRECTION 22

WIND VELOCITY 1.00

WEATHER CONDITIONS

ANALYTICAL DATA										PERSONNEL DATA									
SAMPLE NO.	TIME	STOP	TOTAL (MIN.)	RATE AVG.	UNIT	VOLUME	UNIT	REFERENCE	ANAL. BY										
1	7:00	7:15	15	0.00	CC	0.00	CC	100	100										
2	7:15	7:30	15	0.00	CC	0.00	CC	100	100										
3	7:30	7:45	15	0.00	CC	0.00	CC	100	100										
4	7:45	8:00	15	0.00	CC	0.00	CC	100	100										
5	8:00	8:15	15	0.00	CC	0.00	CC	100	100										
6	8:15	8:30	15	0.00	CC	0.00	CC	100	100										
7	8:30	8:45	15	0.00	CC	0.00	CC	100	100										
8	8:45	9:00	15	0.00	CC	0.00	CC	100	100										
9	9:00	9:15	15	0.00	CC	0.00	CC	100	100										
10	9:15	9:30	15	0.00	CC	0.00	CC	100	100										
11	9:30	9:45	15	0.00	CC	0.00	CC	100	100										
12	9:45	10:00	15	0.00	CC	0.00	CC	100	100										
13	10:00	10:15	15	0.00	CC	0.00	CC	100	100										
14	10:15	10:30	15	0.00	CC	0.00	CC	100	100										
15	10:30	10:45	15	0.00	CC	0.00	CC	100	100										
16	10:45	11:00	15	0.00	CC	0.00	CC	100	100										
17	11:00	11:15	15	0.00	CC	0.00	CC	100	100										
18	11:15	11:30	15	0.00	CC	0.00	CC	100	100										
19	11:30	11:45	15	0.00	CC	0.00	CC	100	100										
20	11:45	12:00	15	0.00	CC	0.00	CC	100	100										
21	12:00	12:15	15	0.00	CC	0.00	CC	100	100										
22	12:15	12:30	15	0.00	CC	0.00	CC	100	100										
23	12:30	12:45	15	0.00	CC	0.00	CC	100	100										
24	12:45	13:00	15	0.00	CC	0.00	CC	100	100										
25	13:00	13:15	15	0.00	CC	0.00	CC	100	100										
26	13:15	13:30	15	0.00	CC	0.00	CC	100	100										
27	13:30	13:45	15	0.00	CC	0.00	CC	100	100										
28	13:45	14:00	15	0.00	CC	0.00	CC	100	100										
29	14:00	14:15	15	0.00	CC	0.00	CC	100	100										
30	14:15	14:30	15	0.00	CC	0.00	CC	100	100										
31	14:30	14:45	15	0.00	CC	0.00	CC	100	100										
32	14:45	15:00	15	0.00	CC	0.00	CC	100	100										
33	15:00	15:15	15	0.00	CC	0.00	CC	100	100										
34	15:15	15:30	15	0.00	CC	0.00	CC	100	100										
35	15:30	15:45	15	0.00	CC	0.00	CC	100	100										
36	15:45	16:00	15	0.00	CC	0.00	CC	100	100										
37	16:00	16:15	15	0.00	CC	0.00	CC	100	100										
38	16:15	16:30	15	0.00	CC	0.00	CC	100	100										
39	16:30	16:45	15	0.00	CC	0.00	CC	100	100										
40	16:45	17:00	15	0.00	CC	0.00	CC	100	100										
41	17:00	17:15	15	0.00	CC	0.00	CC	100	100										
42	17:15	17:30	15	0.00	CC	0.00	CC	100	100										
43	17:30	17:45	15	0.00	CC	0.00	CC	100	100										
44	17:45	18:00	15	0.00	CC	0.00	CC	100	100										
45	18:00	18:15	15	0.00	CC	0.00	CC	100	100										
46	18:15	18:30	15	0.00	CC	0.00	CC	100	100										
47	18:30	18:45	15	0.00	CC	0.00	CC	100	100										
48	18:45	19:00	15	0.00	CC	0.00	CC	100	100										
49	19:00	19:15	15	0.00	CC	0.00	CC	100	100										
50	19:15	19:30	15	0.00	CC	0.00	CC	100	100										
51	19:30	19:45	15	0.00	CC	0.00	CC	100	100										
52	19:45	20:00	15	0.00	CC	0.00	CC	100	100										
53	20:00	20:15	15	0.00	CC	0.00	CC	100	100										
54	20:15	20:30	15	0.00	CC	0.00	CC	100	100										
55	20:30	20:45	15	0.00	CC	0.00	CC	100	100										
56	20:45	21:00	15	0.00	CC	0.00	CC	100	100										
57	21:00	21:15	15	0.00	CC	0.00	CC	100	100										
58	21:15	21:30	15	0.00	CC	0.00	CC	100	100										
59	21:30	21:45	15	0.00	CC	0.00	CC	100	100										
60	21:45	22:00	15	0.00	CC	0.00	CC	100	100										
61	22:00	22:15	15	0.00	CC	0.00	CC	100	100										
62	22:15	22:30	15	0.00	CC	0.00	CC	100	100										
63	22:30	22:45	15	0.00	CC	0.00	CC	100	100										
64	22:45	23:00	15	0.00	CC	0.00	CC	100	100										
65	23:00	23:15	15	0.00	CC	0.00	CC	100	100										
66	23:15	23:30	15	0.00	CC	0.00	CC	100	100										
67	23:30	23:45	15	0.00	CC	0.00	CC	100	100										
68	23:45	24:00	15	0.00	CC	0.00	CC	100	100										
69	24:00	24:15	15	0.00	CC	0.00	CC	100	100										
70	24:15	24:30	15	0.00	CC	0.00	CC	100	100										
71	24:30	24:45	15	0.00	CC	0.00	CC	100	100										
72	24:45	25:00	15	0.00	CC	0.00	CC	100	100										
73	25:00	25:15	15	0.00	CC	0.00	CC	100	100										
74	25:15	25:30	15	0.00	CC	0.00	CC	100	100										
75	25:30	25:45	15	0.00	CC	0.00	CC	100	100										
76	25:45	26:00	15	0.00	CC	0.00	CC	100	100										
77	26:00	26:15	15	0.00	CC	0.00	CC	100	100										
78	26:15	26:30	15	0.00	CC	0.00	CC	100	100										
79	26:30	26:45	15	0.00	CC	0.00	CC	100	100										
80	26:45	27:00	15	0.00	CC	0.00	CC	100	100										
81	27:00	27:15	15	0.00	CC	0.00	CC	100	100										
82	27:15	27:30	15	0.00	CC	0.00	CC	100	100										
83	27:30	27:45	15	0.00	CC	0.00	CC	100	100										
84	27:45	28:00	15	0.00	CC	0.00	CC	100	100										
85	28:00	28:15	15	0.00	CC	0.00	CC	100	100										
86	28:15	28:30	15	0.00	CC	0.00	CC	100	100										
87	28:30	28:45	15	0.00	CC	0.00	CC	100	100										
88	28:45	29:00	15	0.00	CC	0.00	CC	100	100										
89	29:00	29:15	15	0.00	CC	0.00	CC	100	100										
90	29:15	29:30	15	0.00	CC	0.00	CC	100	100										
91	29:30	29:45	15	0.00	CC	0.00	CC	100	100										
92	29:45	30:00	15	0.00	CC	0.00	CC	100	100										
93	30:00	30:15	15	0.00	CC	0.00	CC	100	100										
94	30:15	30:30	15	0.00	CC	0.00	CC	100	100										
95	30:30	30:45	15	0.00	CC	0.00	CC	100	100										
96	30:45	31:00	15	0.00	CC	0.00	CC	100	100										
97	31:00	31:15	15	0.00	CC	0.00	CC	100	100										
98	31:15	31:30	15	0.00	CC	0.00	CC	100	100										
99	31:30	31:45	15	0.00	CC	0.00	CC	100	100										
100	31:45	32:00	15	0.00	CC	0.00	CC	100	100										

W	2	5	0	4	↓	PLANT	↓	10	MO	DAY	YR	15
C	5	1	4									
0	6	2	2	9	7							

UCC 0012508