

TABLE I

Sample Results for Asbestos, and Total
and Respirable Dust

NO. 84	POSITION/AREA (NAME-CLOCK NO.) DATE	ANALYSIS FOR	TIME	MIN	RESULT	TWA FOR SAMPLE PERIOD	REMARKS
A PLANT MANUFACTURING DEPARTMENT							
001	Fiber Unloader ^{nk} (M. Goodman - 881) 11/26/84	Asbestos	9:35a 1:23p	228	0.05 f/cc	0.07	Employee unloaded 1 railcar, drove sweeper and cleaned area around bag opener
002			1:23p 4:30p	187 119	0.09		OSHA PEL = 2.0 f/cc
003	Mixer Operator (S. Perozek - 935) 11/26/84	Asbestos	9:04a 1:25p	261	1.7	1.61	
004			1:25a 3:56p	151	0.23		OSHA PEL = 2.0 f/cc
005	Machine Tender (V. Nelson - 3007) 11/26/84	Asbestos	9:06a 1:15p	249	--		Sample voided - Instrument malfunction
006			1:15p 3:52p	157	--		Sample voided - Instrument malfunction
007	Machine Tender (R. Rodriguez - 7070) 11/27/84	Asbestos	4:35p 7:40p	185	0.21	0.15	Some cleanup performed during this sample
008			7:40p 11:45p	245 130	0.10		OSHA PEL = 2.0 f/cc
009	Press Operator (M. Cook - 818) 11/26/84	Asbestos	9:13a 1:15p	242	0.17	0.27	
010			1:15p 3:52p	157 371	0.44		OSHA PEL = 2.0 f/cc
011	Mandrel Handler (L. Davis - 1015) 11/26/84	Asbestos	9:13a 1:17p	244	1.02		OSHA PEL = 2.0 f/cc
012			1:17p 3:58p	161 105	--		Sample voided hose off pump
013	Mandrel Handler (L. Ramos - 1014) 11/27/84	Asbestos	4:44p 7:40p	176	--		Cleaned up work area during this sample Sample voided heavy particulate
014			7:40p 11:46p	246 122	0.05		OSHA PEL = 2.0 f/cc
015	Tray Loader (K. Mantooth - 999) 11/26/84	Asbestos	9:20a 1:20p	240	0.04	0.03	
016			1:20p 4:00p	160 100	0.01		OSHA PEL = 2.0 f/cc

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017	Relief Operator (M. Kruger - 985) 11/26/84	Asbestos	9:20a 1:16p	236	0.16	0.12	
018			1:16p 3:50p	154 340	0.06		OSHA PEL = 2 f/cc
A PLANT FINISHING/FITTINGS DEPARTMENT							
019	Line-1 Hydrotester #1 Operator (L. Sonneburg - 358) 11/27/84	Asbestos	8:00a 1:10p	310	0.25	0.32	1.12 1.19 1.41
020			1:10p 3:57p	167 477	0.44		OSHA PEL = 2 f/cc
021	Line-3 Lathe #3 Operator - Head (C. Flaherty Jr. - 375) 11/27/84	Asbestos	4:20p 7:31p	191	0.06		0.06
022			7:31p 10:02p	151	0.06	0.07	
023			10:02p 11:58p	116 458	0.10		OSHA PEL = 2 f/cc
024	Line-3 Lathe #3 Head - Head 11/28/84	Respirable Dust	8:50a 9:40a	50	Less than detectable		pump setting on Lathe Head Stock side. OSHA PEL = 5 mg/m ³
025		Total Dust	8:50a 9:40a	50	Less than detectable		OSHA PEL = 15 mg/m ³
026		Asbestos	8:55a 9:40a	45			OSHA PEL = 2 f/cc
027	Line-3 Assistant Lathe Operator - Tail (B. Sellers - 635) 11/27/84	Asbestos	4:17p 7:28p	191	--		sample voided heavy particulate
028			7:28p 8:00p	32	0.19		
029			8:35p 10:02p	87	0.08		
030			10:02p 11:57p	115	0.09		OSHA PEL = 2 f/cc
031	Line-3 Hydrotester #3 Operator (R. Ince - 978) 11/27/84	Asbestos	4:25p 7:32p	187		1.12 1.17	
032			7:32p 10:03p	151		0.74	
033			10:03p 11:59p	116			OSHA PEL = 2 f/cc

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034	Lane Pipe Handler (J. McCormick - 1018) 11/27/84	Asbestos	4:30p 7:35p	185	--		Sample voided - heavy particulate
035			7:35p 8:02p	27	0.25	.23	
036			8:57p 10:04p	67	0.08		
037			10:04p 12:00p	116	0.10		OSHA PEL = 2 f/cc
038	CPH Coupling Cutoff Operator (L. Hill - 332) 11/27/84	Asbestos	7:57a 1:09p	312	0.30	.06	OSHA PEL = 2 f/cc
039			1:09p 3:55p	166	--	.03	Sample voided - hose came off pump
040	Boring Mill #1 Operator (A. Brewer - 888) 11/29/84	Asbestos	7:55a 11:25a	210	--	179 5/29/80	Sample voided - pump malfunction
041			11:25a 12:00n	203		.27 .29 .07 .23 194 6/28/84	OSHA PEL = 2 f/cc
042	Boring Mill #3 Operator (C. Brown - 780) 11/29/84	Asbestos	7:57a 11:32a	215	--		Sample voided - pump malfunction
043			11:32p 3:49p	257	--		Sample voided - hose off pump
044	Boring Mill #4 Operator (A. Coaster - 297) 11/29/84	Asbestos	7:59a 11:33a	214		.59.55 .06 0.53	
045			11:33a 3:50p	257	0.31		OSHA PEL = 2 f/cc
046	CPH Coupling Palletizer (C. Branscum - 987) 11/29/84	Asbestos	7:48a 11:35a	227	--		Sample voided - pump malfunction
047			11:35a 3:49p	254		.32 .36	OSHA PEL = 2 f/cc
048	PAD Lathe Operator (M. Poston - 83) 11/27/84	Asbestos	7:47a 1:05p	308	0.05		
049			1:05p 3:53p	170	0.12	.07	OSHA PEL = 2 f/cc

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050	Small Compling Tester Operator (M. Bradley Jr. - 1004) 11/27/84	Asbestos	7:49a 1:00p	311	[REDACTED]	0.59	0.5 0.5 2.0 3.5 0.4 1.7 OSHA PEL = 2 f/cc
051			1:00p 3:51p	171	[REDACTED]		
052	Small Compling Tester Operator (M. Chance Jr. - 998) 11/27/84	Asbestos	7:50a 1:03p	313	[REDACTED]	0.55	OSHA PEL = 2 f/cc
053			1:03p 3:51p	168	[REDACTED]		
054	Large Compling Saw Operator (K. Cooper - 932) 11/28/84	Asbestos	9:58a 11:59a	121	0.27	1.56 1.15 1.33	9:58 - 11:30a Working on Lg. Cplg. Saw A plant 11:30 - 11:59a Working on Rework Cutter B plant OSHA PEL = 2 f/cc
055	Rework Saw Operator (R. Rodriguez Jr. - 885) 11/27/84	Asbestos	7:45a 1:00p	315	[REDACTED]	0.05	0.3 0.33 0.50 0.69
056			1:00p 3:50p	170	[REDACTED]		OSHA PEL = 2 f/cc
057	Pittings Maker (T. Brown - 555) 11/27/84	Asbestos	8:16a 1:12p	296	0.25		0.1 1.9
058			1:12p 3:58p	166	[REDACTED]	0.52	OSHA PEL = 2 f/cc
A PLANT - MANUFACTURING DEPT.							
059	Machine Operator (P. [REDACTED]) 11/26/84	Asbestos	9:32a 11:55a	143	0.06	0.05	Employee spent most of the day working on Lathe at the Curing Oven in the Manufacturing Dept. OSHA PEL = 2 f/cc
060			1:10p 4:28p	198	0.05		0.04
B PLANT MANUFACTURING DEPT. - WENT							
061	Mixer Operator (D. Shuffield - 866) 11/28/84	Asbestos	8:05a 12:12p	247	[REDACTED]		1.10 1.22 1.12 0.5
062			12:12p 3:50p	218	[REDACTED]		OSHA PEL = 2 f/cc
063	Machine Tender (D. Hawkins Jr. - 7073) 11/28/84	Asbestos	8:09a 12:08p	239	0.19	0.21	2.0 2.3 2
064			12:08p 3:56p	228	0.24		OSHA PEL = 2 f/cc

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065	Press Operator (G. Sulak - 585) 11/28/84	Asbestos	8:10a 12:10p	240	0.23	0.16	03 .15 .22
066			12:10p 3:55p	225 60	0.09		OSHA PEL = 2 f/cc
067	Mandrel Handler (D. Hesse - 1017) 11/28/84	Asbestos	8:15a 1:15p	300	0.33	0.33	.20 .05 .20 .10
068			1:15p 3:52p	157 50	0.32		OSHA PEL = 2 f/cc
B PLANT FINISHING DEPARTMENT							
069	Lathe Operator - Head (D. Miller - 871) 11/28/84	Asbestos	9:10a 12:00n	110	0.26	0.12	0.01
070			1:15p 5:13p	238 30	0.06		OSHA PEL = 2 f/cc
071	Lathe Operator - Tail (C. Venable - 794) 11/28/84	Asbestos	9:21a 12:00n	159	0.08	0.08	
072			12:00n 5:14p	314 17	0.08		OSHA PEL = 2 f/cc
073	Inspector (R. Cortinas - 7166) 11/28/84	Asbestos	9:15a 11:58a	163	0.34	0.12	.05
074			11:58a 5:15p	310 56	0.17		Asbestos
075	Better Pipe Manufacturer (G. Williams - 1007) 11/28/84	Asbestos	9:20a 11:59a	159	0.67	0.07	.12
076			11:59a 5:10p	311 40	0.07		
077	Rework Cutter Operator (K. Cooper - 932) 11/28/84	Asbestos	11:59a 1:42p	103	0.36		.02
078			1:42p 2:20p	38	0.35	0.29	15 cuts made for 1/2 lengths
079			2:20p 5:09p	169 50	0.23		Asbestos PEL =
080	Crusher Operator (C. Harris - 510) 11/28/84	Asbestos	9:50a 1:17p	207	[REDACTED]	0.37	cuts in fines bin
081			1:17p 4:45p	208 10	0.09		.18