PLAINTIFF'S EXHIBIT
CT-520

Results of Air Samples of December 1965
Certain-Teed, St. Louis, Missouri

Operation	Impinger		Membrane Filter			
				Fibers/cc		
	Sample #	mppcf	Sample #	Total	10 μ+	>5μ
Warehouse and Mixing						
Fiber Man--BZ	18	2.6				
Personal			106	5.3	2.1	3.0
			113	5.2	1.9	3.3
			121	120.8	37.8	6.2
Mixer Operator Personal			16	2.5	0.6	1.7
Grinder--BZ	112	3.7				
X-mas--Gen.	8	2.6				
	J9	1.4				
Pipe Forming						
Consol Operator Personal			110	1.2	0.2	0.7
			118	3.3	0.9	2.6
			122	2.8	0.7	2.4
						2.0
Pipe Machine Tender Personal			15	3.0	1.2	2.0
			17	5.0	1.3	3.5
			116	2.7	0.9	1.8
Floor Man Personal			38	0.9	0.2	0.6
			39	0.9	0.3	0.7
X-mas--Gen.	20	1.5	22	11.6	2.3	4.7
	J21	0.2	N23	13.0	3.4	8.0
	200	0.8	203	5.7	1.1	2.6
	J201	0.2	N202	5.5	0.5	1.8

NOTES:
"Personal" refers to personal samples on membrane filters
"BZ" refers to breathing zone samples by companion impingers and membrane filter
"Gen." refers to samples of general air in the particular department

Certain-Teed

Operation	Impinger		Membrane Filter			
				Fibers/cc		
	Sample #	mppcf	Sample #	Total	10 μ+	>5μ
Curing						
Mandrel Puller--BZ	27	0.9	28	1.0	0.2	0.6
	24	0.4	25	4.5	1.1	2.4
Personal			14	3.5	0.9	2.3
			107	0.7	0.4	0.7
			114	5.8	1.5	3.9
			117	0.7	0.1	0.3
			123	0.6	0.3	0.6
Fork lift						
Personal			108	1.9	0.4	1.1
			138	0.4	0.1	0.4
Pipe Finishing						
Lathe Operator--BZ	41	0.7	42	1.0	1.0	1.2
	43	0.6	44	0.8	0.6	1.2
	135	0.4	136	0.4	0.0	0.0
Personal			35	1.1	0.4	0.7
			36	0.9	0.3	0.6
			37	0.7	0.2	0.6
			120	0.9	0.4	1.0
			141	0.9	0.3	0.9
			144	0.8	0.3	0.6
			149	1.1	0.7	0.9
			150	1.1	0.3	0.9
			151	0.4	0.1	0.2
Hydro-flex Tester--BZ	166	0.5				
	48	0.5	49	0.5	0.1	0.3
Personal			40	0.8	0.2	0.7
			137	1.0	0.3	0.7
			139	1.9	0.7	1.5
			152	1.4	0.7	1.1
			153	0.9	0.3	0.7

Certain-Teed

Operation	Impinger		Membrane Filter			
	Sample #	f/cc	Sample #	Fibers/cc Total	1[illegible]+	>5μ
Pipe Finishing (cont.)						
Pipe Moulder Personal			142	1.4	0.3	1.1
X-mas--Gen.	204	0.1	206	0.2	0.0	0.0
	J205	0.1	M207	0.7	0.2	0.2
	147	0.3	146	1.1	0.5	0.5
	J143	0.5	M145	0.4	0.2	0.4
Beller Personal			45	1.5	0.5	1.4
			47	1.1	0.4	0.8
			140	1.1	0.5	1.0
Coupling Finishing						
Saw Operator--BZ	165	0.2	164	2.2	0.8	1.6
Personal			57	6.7	1.8	5.1
			64	4.2	1.5	3.5
			155	3.4	1.0	2.5
Lathe Operator Personal			67	3.9	1.8	3.6
			68	4.2	1.8	3.6
			69	3.1	1.1	2.4
			71	2.2	1.3	1.9
Boring Machine--BZ	160	0.5	168	2.3	0.8	1.6
	61	1.7	62	1.3	0.4	1.2
Personal			65	4.9	1.3	4.1
			72	4.4	2.0	3.9
			73	3.8	1.6	2.8
			143	1.9	0.7	1.5
Drill Press--BZ	170	0.7	171	1.3	0.7	0.9

CTD017681

Certain-Teed

Operation	Impinger		Membrane Filter			
	Sample #	Asbestos f/cc	Sample #	Asbestos f/cc		>5μ
Coupling; Finishing (cont.)						
Fit Tester Personal			58	0.5	0.2	0.4
Checker Personal			66	11.7	4.0	9.0
K-mas--Gen.	208 J209	0.7 0.4	210 N211	0.7 1.3	0.0 0.7	0.4 0.9
Epoxy						
Assembler Personal			70	1.3	0.4	1.0
Packing						
Stack Builder Personal			55 60	0.2 2.4	0.1 1.0	0.1 1.8
Fork lift Personal			56 52 156	1.3 0.4 1.3	0.4 0.1 0.4	1.3 0.3 1.0
Miscellaneous						
Inspector Personal			46 154	1.3 1.4	0.4 0.2	0.9 1.0
Mechanic Personal			103	6.9	1.7	3.9

CTD017682