

Table 2 Summary of exposure at factory

Exposure factors	Workers first employed before 1951		Workers first employed after 1950	
	Total	With signs	Total	With signs
Year started at factory				
1933-35	11	7	—	—
1936-40	50	21	—	—
1941-45	28	11	—	—
1946-50	93	23	—	—
1951-55	—	—	109	22
1956-60	—	—	75	6
1961-65	—	—	13	2
Maximum annual time-weighted average concentration (f/cm ³)				
<5	1	0	11	1
5-9.99	38	9	82	9
10-19.99	70	26	92	18
20-50	73	27	12	2
Cumulative exposure* (f-yr/cm ³)				
<50	5	1	36	4
50-99	25	6	95	12
100-149	36	12	52	13
150-199	44	17	14	1
200-249	39	11	—	—
250-549	33	15	—	—
Time since first employed at factory* (yr)				
<10	1	0	9	1
10-14	0	0	74	16
15-19	17	12	114	13
20-24	65	19		
25-29	51	16		
30-39	48	15	—	—
Age* (yr)				
<40	3	0	36	0
40-44	5	0	25	3
45-49	22	8	31	4
50-54	34	13	35	4
55-59	52	22	33	11
60-72	66	19	37	8
Total	182	62	197	30

*For those with signs, these are calculated up to the first occurrence of the signs.

Table 3 Number of men with crepitations recorded by factory medical officer or by Pneumoconiosis Medical Panel

Pneumoconiosis Medical Panel	Factory medical officer		Total
	Yes	No	
Yes	51	27	78
No	31	268	299
Total	82	295	377

in whom crepitations were heard at the factory but were not heard by the PMP.

RELATIONSHIP BETWEEN POSSIBLE ASBESTOSIS AND CERTIFICATION

Except for the one man who was certified after

death, and had not been seen in the factory medical department within the previous 10 years, all the certified cases were also in the possible category. An analysis, using life-table techniques, has been carried out on the interval between suspicion and certification. The results are given in Figure 2, which shows the cumulative percentage of certified cases plotted against time since suspicion; 25% became certified within 15 months of suspicion and 50% within 3.5 yr. Of 19 men who were uncertified after five years' follow-up since first suspicion, only one was subsequently certified in, on average, a further two years' follow-up.

RADIOLOGICAL FINDINGS, LUNG FUNCTION AND EXPOSURE

The profusion of small opacities and bilateral pleural thickening have been related to cumulative dust exposure (Table 4). Again, these data cannot be

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Cumulative % certified asbestos

Fig. 2 asbestos

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(f-yr/cm

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<25
25-4
50-7
75-9
100-1
125-1
150-1
175-1
200-2
225-2
≥250

Total

First en
<25
25-4
50-7
75-9
100-1
125-1
≥150

Total

*Average
cases be
†At least