

NCL/RS
To : MR
Copy : RAW
SHs

Dr. S. Holmes

21st June, 1976

PRIVATE & CONFIDENTIAL

Factory Inspectorate - Questionnaire

In reply to your memorandum of 11th June, 1976, I attach hereto the evidence which I have available relating to asbestosis, lung cancer and mesothelioma at TMA. I have tabulated the new cases of asbestosis diagnosed since 1st July 1948, up to the end of 1975, but have not indicated when these were first employed. As far as I am aware there are at the most ten cases in this period who were first exposed after 1st July 1948.

I hope this information is that which you require.

M. C. Lewinson

M. C. Lewinson

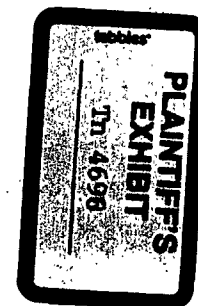
76/15625

22nd June, 1976

SUSPENSIONS BY THE PNEUMOCOCCIOSIS MEDICAL PANEL

SINCE 1.7.48

<u>YEAR</u>	<u>NUMBER</u>
1948	0
1949	4
1950	0
1951	1
1952	0
1953	0
1954	2
1955	4
1956	8
1957	0
1958	2
1959	3
1960	1
1961	0
1962	1
1963	4
1964	4
1965	5
1966	4
1967	8
1968	3
1969	8
1970	8
1971	7
1972	3
1973	4
1974	4
1975	2
	<u>90</u>



11/299-300

LIST OF WORKPEOPLE EXAMINED BY DR. MZREZETTER.

Name	Section	Length of service at time of examination.		Remarks	
		yrs.	mths.		
<u>22nd May, 1928. (14 men).</u>					
	Fred Boocock	Harridge Mill	11	7	
	George Tattersall	"	10	5	
X	W. Pennington	Fiberising	14	4	
	L. Williams	"	15	6	
	E. Thomas	"	11	8	
	A. Copestick	"	10	2	
X	F. Dowling	"	11	7	
	J.J. Hyde	No.3 Opening	12	8	
	J.H. Waldron	No.4 Condensor	11	-	
X	Thomas Stott	No.1 & 2 Condensor			
		Maintenance	26	-	Died 4/8/30.
X	S. Rossi	-do- -do-	11	4	
X	J. Hickling	No.3 & 4 Condensor			
		Maintenance	14	1	
	T. Brierley	-do- -do-	11	3	
X	J. Jenkins	Firm Winding	11	11	
<u>23rd May, 1928. (10 men).</u>					
X	J.J. Cartside	Belt Weaving	20	-	Died 4/3/29.
	J. Ratcliffe	"	21	7	
X	J. Dorber	"	16	9	
	H. Hollows	"	14	4	
	H. Clegg	"	15	6	
X	E. Shorrocks	"	20	-	
	J.A. Lord	"	12	10	
	H. Lambert	Belt Finishing	12	9	
	D. Whelan	"A" Weaving	12	11	Left 15/3/30.
	J.J. Ferrow	Belt Finishing	11	10	- 10
<u>24th May, 1928. (15 men).</u>					
	J. Robinson	Belt Weaving	13	9	
X	E. Buckley	"A" Beaming	23	4	
	J.T. Livesey	"	10	2	Left 27/10/28
	H. Kenyon	"	12	11	
X	J.R. Farmer	"A" Weaving	18	-	Died 18/6/30.
	B. Greenwood	"	19	-	
X	J. Greaves	"	17	4	
	J. Torkington	"	15	-	
X	G.R. Humphreys	"	16	6	
X	E.T. Butterworth	"	11	7	
X	R. Dennison	"	11	9	
	J. Broadhead	No.2 Condensor	12	4	
	E. Jenkins	No.1 Spinning	10	7	
	G. Teene	Fine Carding	12	5	
X	J.E. Cross	"A" Weaving	11	-	
Sent for Radiograph examination.					

LIST OF WORKPEOPLE EXAMINED BY DR. MZREZETTER.

Name.	Section.	Length of service at time of examination.		Remarks
		yrs.	mths.	
<u>25th May, 1928. (14 women).</u>				
X	H. Richardson	No.3 Opening	16	-
X	Amelia Warland	No.1 Spinning	19	5
X	Ellen Hincheliffe	"	25	5
	Emily Rigg	No.1 Spinning	16	-
	Florence Wolfenden	"	10	2
	Bessie Buckley	"	12	3
X	Nancy Pooley	"	12	11
X	Alice Gullen	"	32	5
	Sarah E. Brierley	"	18	4
	Florence Roney	"	11	6
	Hilda Butterworth	"	12	4
	Jane Scully	No.2 Spinning	13	6
	Edith Knight	"	14	-
	Annie Holden	"	13	3
<u>26th May, 1928. (4 women).</u>				
	Elizabeth M. Leach	No.2 Spinning	10	7
	H. Cross	"	9	11
	S.E. Hartley	"	11	10
	Ada Bowmer	"	14	8
<u>5th June, 1928. (11 women).</u>				
X	Mabel Bostock	No.3 Doubling	11	8
X	Alice Kelly	"	22	10
X	Alice Leach	"	20	8
	Jane Hollows	"	10	-
	Mary Leach	"	19	1
X	Cecily Foster	"	9	5
	Nellie Leach	"	13	11
	Ethel Price	"	10	9
	Mary E. Morris	No.4 Spinning	10	1
X	Ada Roney	Misc. Doubling	10	6
	Hilda Jenkins	"	12	4
X	Sent for Radiograph examination.			

14
10
15
14
11
68

11/2/60
 16/2/1947
 16/2/1947

Enclosure 1841 and 1842
 1841 and 1842 are normally submitted to the Director of the
 1841 and 1842 are normally submitted to the Director of the

Sir General Director,

1841 1842 1843 1844

1841 1842 1843 1844

Further to my report revised up to December 31st 1941 - 1841
 asked the Medical Board to supply us with statistics for the years of the
 1841 and 1842 and they are as follows. The figures for the year
 1841 and 1842 are as follows.

TABLE (A)									
INITIAL EXAMINATIONS									
YEAR	Examined	Passed	Clinical	Examinations	Examinations	Examinations	Examinations	Examinations	Examinations
1932	200	22	1	1157	541	123	123	123	123
1933	250	56	10	1157	541	123	123	123	123
1934	170	56	15	1157	541	123	123	123	123
1935	400	121	24	1157	541	123	123	123	123
1936	400	100	20	1157	541	123	123	123	123
1937	670	412	20	1157	541	123	123	123	123
1938	550	32	23	1157	541	123	123	123	123
1939	500	370	20	1157	541	123	123	123	123
1940	1150	515	23	1157	541	123	123	123	123
Total	4320	1707	200	10140	3444	1007	1007	1007	1007

TABLE (B)									
INITIAL EXAMINATIONS									
YEAR	Examined	Passed	Clinical	Examinations	Examinations	Examinations	Examinations	Examinations	Examinations
1932	200	22	1	1157	541	123	123	123	123
1933	250	56	10	1157	541	123	123	123	123
1934	170	56	15	1157	541	123	123	123	123
1935	400	121	24	1157	541	123	123	123	123
1936	400	100	20	1157	541	123	123	123	123
1937	670	412	20	1157	541	123	123	123	123
1938	550	32	23	1157	541	123	123	123	123
1939	500	370	20	1157	541	123	123	123	123
1940	1150	515	23	1157	541	123	123	123	123
Total	4320	1707	200	10140	3444	1007	1007	1007	1007

including one or more of the following:

NB Members - persons

"/299. Dondos x-rayed, but never suspended. +
 Kiyole examined but not suspended. +
 Kessi x-rayed - suspended 1932 +
 Jenkins " " 1936 +
 Doster " " 1935 +
 Hollows not x-rayed " 1941 +
 Clays x-rayed 1941 +
 Kanyon " " 1937 +
 Greenwood 1932 +
 Humphreys x-rayed but not suspended ^{until 1941} +
 Puckett 1932 +
 Kenyon 1935 +
 Tiers No sup. +
 Cullen 1932 +

From the Factory Inspector's Annual Report for 1939, published in 1941, I have extracted the following figures of deaths from fibrosis of the lung including silicosis and asbestosis.

Disease and Industry		1930	1937	1938	1939
Illinois:					
1. Meat packing		10	10	10	11
2. Lumber		10	10	10	11
3. Automobile manufacturing		10	10	10	11
4. Automobile repairing and dressing		10	10	10	11
5. Automobile tires		10	10	10	11
6. Metal working		10	10	10	11
7. Steel working		10	10	10	11
8. Stone, brick, tile and concrete		10	10	10	11
9. Building construction		10	10	10	11
10. Food and kindred products		10	10	10	11
11. Milling		10	10	10	11
12. Glass and glass products		10	10	10	11
13. Chemical and allied products		10	10	10	11
14. Paper and allied products		10	10	10	11
15. Rubber, leather and plastics		10	10	10	11
16. Stone, brick, tile and concrete		10	10	10	11
17. Textile mill (cotton, wool, etc.)		10	10	10	11
18. Coal mining		10	10	10	11
19. Oil mining (crude oil)		10	10	10	11
20. Tin mining		10	10	10	11
21. Iron ore (hematite) mining		10	10	10	11
22. Lead mining		10	10	10	11
23. Copper mining		10	10	10	11
24. Barytes mining		10	10	10	11
25. Mining equipment		10	10	10	11
Total Illinois		100	100	100	100
Antibiotic		10	10	10	11
Other Group of Diseases		10	10	10	11
Other		10	10	10	11

published by the U.S. Government Printing Office, Washington, D.C. 20540

...the

to be able to make a schedule meeting or presentation. It is
in the nature of a... to be able to make a schedule meeting or presentation.
in the nature of a... to be able to make a schedule meeting or presentation.

The following proposed action is the signed letter above, 1941

[illegible]

Silicosis and Asbestosis and Cancer of the Lung

In recent years the suggestion has been made, in medical publications that there is some relationship between silicosis or asbestosis and cancer of the lung. The question is a difficult one, and the figures available are not yet large enough for it to be safe to draw conclusions from them.

STATISTICAL TABLE

Year	Age	Sex	Occupation	Diagnosis	Outcome
1908	40-49	M	Miner	Silicosis	Death
1909	50-59	F	Factory worker	Asbestosis	Death
1910	60-69	M	Miner	Silicosis	Death
1911	70-79	F	Factory worker	Asbestosis	Death
1912	80-89	M	Miner	Silicosis	Death
1913	90-99	F	Factory worker	Asbestosis	Death
1914	100-109	M	Miner	Silicosis	Death
1915	110-119	F	Factory worker	Asbestosis	Death
1916	120-129	M	Miner	Silicosis	Death
1917	130-139	F	Factory worker	Asbestosis	Death
1918	140-149	M	Miner	Silicosis	Death
1919	150-159	F	Factory worker	Asbestosis	Death
1920	160-169	M	Miner	Silicosis	Death
1921	170-179	F	Factory worker	Asbestosis	Death
1922	180-189	M	Miner	Silicosis	Death
1923	190-199	F	Factory worker	Asbestosis	Death
1924	200-209	M	Miner	Silicosis	Death
1925	210-219	F	Factory worker	Asbestosis	Death
1926	220-229	M	Miner	Silicosis	Death
1927	230-239	F	Factory worker	Asbestosis	Death
1928	240-249	M	Miner	Silicosis	Death
1929	250-259	F	Factory worker	Asbestosis	Death
1930	260-269	M	Miner	Silicosis	Death
1931	270-279	F	Factory worker	Asbestosis	Death
1932	280-289	M	Miner	Silicosis	Death
1933	290-299	F	Factory worker	Asbestosis	Death
1934	300-309	M	Miner	Silicosis	Death
1935	310-319	F	Factory worker	Asbestosis	Death
1936	320-329	M	Miner	Silicosis	Death
1937	330-339	F	Factory worker	Asbestosis	Death
1938	340-349	M	Miner	Silicosis	Death
1939	350-359	F	Factory worker	Asbestosis	Death
1940	360-369	M	Miner	Silicosis	Death
1941	370-379	F	Factory worker	Asbestosis	Death
1942	380-389	M	Miner	Silicosis	Death
1943	390-399	F	Factory worker	Asbestosis	Death
1944	400-409	M	Miner	Silicosis	Death
1945	410-419	F	Factory worker	Asbestosis	Death
1946	420-429	M	Miner	Silicosis	Death
1947	430-439	F	Factory worker	Asbestosis	Death
1948	440-449	M	Miner	Silicosis	Death
1949	450-459	F	Factory worker	Asbestosis	Death
1950	460-469	M	Miner	Silicosis	Death
1951	470-479	F	Factory worker	Asbestosis	Death
1952	480-489	M	Miner	Silicosis	Death
1953	490-499	F	Factory worker	Asbestosis	Death
1954	500-509	M	Miner	Silicosis	Death
1955	510-519	F	Factory worker	Asbestosis	Death
1956	520-529	M	Miner	Silicosis	Death
1957	530-539	F	Factory worker	Asbestosis	Death
1958	540-549	M	Miner	Silicosis	Death
1959	550-559	F	Factory worker	Asbestosis	Death
1960	560-569	M	Miner	Silicosis	Death
1961	570-579	F	Factory worker	Asbestosis	Death
1962	580-589	M	Miner	Silicosis	Death
1963	590-599	F	Factory worker	Asbestosis	Death
1964	600-609	M	Miner	Silicosis	Death
1965	610-619	F	Factory worker	Asbestosis	Death
1966	620-629	M	Miner	Silicosis	Death
1967	630-639	F	Factory worker	Asbestosis	Death
1968	640-649	M	Miner	Silicosis	Death
1969	650-659	F	Factory worker	Asbestosis	Death
1970	660-669	M	Miner	Silicosis	Death
1971	670-679	F	Factory worker	Asbestosis	Death
1972	680-689	M	Miner	Silicosis	Death
1973	690-699	F	Factory worker	Asbestosis	Death
1974	700-709	M	Miner	Silicosis	Death
1975	710-719	F	Factory worker	Asbestosis	Death
1976	720-729	M	Miner	Silicosis	Death
1977	730-739	F	Factory worker	Asbestosis	Death
1978	740-749	M	Miner	Silicosis	Death
1979	750-759	F	Factory worker	Asbestosis	Death
1980	760-769	M	Miner	Silicosis	Death
1981	770-779	F	Factory worker	Asbestosis	Death
1982	780-789	M	Miner	Silicosis	Death
1983	790-799	F	Factory worker	Asbestosis	Death
1984	800-809	M	Miner	Silicosis	Death
1985	810-819	F	Factory worker	Asbestosis	Death
1986	820-829	M	Miner	Silicosis	Death
1987	830-839	F	Factory worker	Asbestosis	Death
1988	840-849	M	Miner	Silicosis	Death
1989	850-859	F	Factory worker	Asbestosis	Death
1990	860-869	M	Miner	Silicosis	Death
1991	870-879	F	Factory worker	Asbestosis	Death
1992	880-889	M	Miner	Silicosis	Death
1993	890-899	F	Factory worker	Asbestosis	Death
1994	900-909	M	Miner	Silicosis	Death
1995	910-919	F	Factory worker	Asbestosis	Death
1996	920-929	M	Miner	Silicosis	Death
1997	930-939	F	Factory worker	Asbestosis	Death
1998	940-949	M	Miner	Silicosis	Death
1999	950-959	F	Factory worker	Asbestosis	Death
2000	960-969	M	Miner	Silicosis	Death

Among the first cases in which silicosis or asbestosis was associated with cancer of the lung was a case in 1908 (11.5 per cent). Of these 12, in 6 it was considered that the cancer was the primary cause of death, and in 6, asbestosis or silicosis with tuberculosis.

It is clear from these incomplete figures that extended inquiry and collection of data and evaluation of the material had and that further are necessary before any conclusions can be derived.

The importance of the most careful post-mortem examination is emphasized by a recent case in which lungs were examined. It revealed only advanced asbestosis, but was reported to be a small black spot in a bronchus which was a carcinomatous nodule. It was a carcinoma, and this further case in which silicosis, tuberculosis and primary carcinoma were all present in the lungs.

The Annual Report for 1939, published in July 1940, gives this information:

Several cases have been reported from Minnesota and elsewhere in which silicosis with tuberculosis due to the inhalation of dust from the mining industry. The year 1939 was the first year in which the number of cases of silicosis was reported to be a carcinoma, and this further case in which silicosis, tuberculosis and primary carcinoma were all present in the lungs.

Year	Age	Sex	Occupation	Diagnosis	Outcome
1908	40-49	M	Miner	Silicosis	Death
1909	50-59	F	Factory worker	Asbestosis	Death
1910	60-69	M	Miner	Silicosis	Death
1911	70-79	F	Factory worker	Asbestosis	Death
1912	80-89	M	Miner	Silicosis	Death
1913	90-99	F	Factory worker	Asbestosis	Death
1914	100-109	M	Miner	Silicosis	Death
1915	110-119	F	Factory worker	Asbestosis	Death
1916	120-129	M	Miner	Silicosis	Death
1917	130-139	F	Factory worker	Asbestosis	Death
1918	140-149	M	Miner	Silicosis	Death
1919	150-159	F	Factory worker	Asbestosis	Death
1920	160-169	M	Miner	Silicosis	Death
1921	170-179	F	Factory worker	Asbestosis	Death
1922	180-189	M	Miner	Silicosis	Death
1923	190-199	F	Factory worker	Asbestosis	Death
1924	200-209	M	Miner	Silicosis	Death
1925	210-219	F	Factory worker	Asbestosis	Death
1926	220-229	M	Miner	Silicosis	Death
1927	230-239	F	Factory worker	Asbestosis	Death
1928	240-249	M	Miner	Silicosis	Death
1929	250-259	F	Factory worker	Asbestosis	Death
1930	260-269	M	Miner	Silicosis	Death
1931	270-279	F	Factory worker	Asbestosis	Death
1932	280-289	M	Miner	Silicosis	Death
1933	290-299	F	Factory worker	Asbestosis	Death
1934	300-309	M	Miner	Silicosis	Death
1935	310-319	F	Factory worker	Asbestosis	Death
1936	320-329	M	Miner	Silicosis	Death
1937	330-339	F	Factory worker	Asbestosis	Death
1938	340-349	M	Miner	Silicosis	Death
1939	350-359	F	Factory worker	Asbestosis	Death
1940	360-369	M	Miner	Silicosis	Death
1941	370-379	F	Factory worker	Asbestosis	Death
1942	380-389	M	Miner	Silicosis	Death
1943	390-399	F	Factory worker	Asbestosis	Death
1944	400-409	M	Miner	Silicosis	Death
1945	410-419	F	Factory worker	Asbestosis	Death
1946	420-429	M	Miner	Silicosis	Death
1947	430-439	F	Factory worker	Asbestosis	Death
1948	440-449	M	Miner	Silicosis	Death
1949	450-459	F	Factory worker	Asbestosis	Death
1950	460-469	M	Miner	Silicosis	Death
1951	470-479	F	Factory worker	Asbestosis	Death
1952	480-489	M	Miner	Silicosis	Death
1953	490-499	F	Factory worker	Asbestosis	Death
1954	500-509	M	Miner	Silicosis	Death
1955	510-519	F	Factory worker	Asbestosis	Death
1956	520-529	M	Miner	Silicosis	Death
1957	530-539	F	Factory worker	Asbestosis	Death
1958	540-549	M	Miner	Silicosis	Death
1959	550-559	F	Factory worker	Asbestosis	Death
1960	560-569	M	Miner	Silicosis	Death
1961	570-579	F	Factory worker	Asbestosis	Death
1962	580-589	M	Miner	Silicosis	Death
1963	590-599	F	Factory worker	Asbestosis	Death
1964	600-609	M	Miner	Silicosis	Death
1965	610-619	F	Factory worker	Asbestosis	Death
1966	620-629	M	Miner	Silicosis	Death
1967	630-639	F	Factory worker	Asbestosis	Death
1968	640-649	M	Miner	Silicosis	Death
1969	650-659	F	Factory worker	Asbestosis	Death
1970	660-669	M	Miner	Silicosis	Death
1971	670-679	F	Factory worker	Asbestosis	Death
1972	680-689	M	Miner	Silicosis	Death
1973	690-699	F	Factory worker	Asbestosis	Death
1974	700-709	M	Miner	Silicosis	Death
1975	710-719	F	Factory worker	Asbestosis	Death
1976	720-729	M	Miner	Silicosis	Death
1977	730-739	F	Factory worker	Asbestosis	Death
1978	740-749	M	Miner	Silicosis	Death
1979	750-759	F	Factory worker	Asbestosis	Death
1980	760-769	M	Miner	Silicosis	Death
1981	770-779	F	Factory worker	Asbestosis	Death
1982	780-789	M	Miner	Silicosis	Death
1983	790-799	F	Factory worker	Asbestosis	Death
1984	800-809	M	Miner	Silicosis	Death
1985	810-819	F	Factory worker	Asbestosis	Death
1986	820-829	M	Miner	Silicosis	Death
1987	830-839	F	Factory worker	Asbestosis	Death
1988	840-849	M	Miner	Silicosis	Death
1989	850-859	F	Factory worker	Asbestosis	Death
1990	860-869	M	Miner	Silicosis	Death
1991	870-879	F	Factory worker	Asbestosis	Death
1992	880-889	M	Miner	Silicosis	Death
1993	890-899	F	Factory worker	Asbestosis	Death
1994	900-909	M	Miner	Silicosis	Death
1995	910-919	F	Factory worker	Asbestosis	Death
1996	920-929	M	Miner	Silicosis	Death
1997	930-939	F	Factory worker	Asbestosis	Death
1998	940-949	M	Miner	Silicosis	Death
1999	950-959	F	Factory worker	Asbestosis	Death
2000	960-969	M	Miner	Silicosis	Death

[illegible]

b) (page 10, 11) pages 21 and 22 of the report are not to be
included in the report of the investigation and are to be
discarded. The report of the investigation is to be
discarded.

It is noted that these investigations were conducted in the
absence of any indication of the existence of any
connection between the two parties and the subject.

[illegible]

UNITED STATES DEPARTMENT OF JUSTICE

4290

[illegible]

INDEX

[illegible]

