WW-0090 # 47

PLAINTIFF'S EXHIBIT
UC-3478

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

TO: R. F. Painter, Trlr. 5583
511

Computer Ref. W-1076

CC: C. W. Carman, 725-105
G. F. Hurley, 701-334
L. R. Noble, 511-2149
D. R. Paugh, 511-2009
H. L. Robinson, 701-401
E. C. Shipley, 511-2009
E. J. Tawney, 5583
R. G. Rowe, M.D., 753
R. J. Sexton, M.D., 51

PERSON MONITORED _____

Location Bldg. 777 - Room 111 Date 8/19/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	10.1 fibers > 5 μm/cm^3	118 minutes	P.M. - Wetting and bagging insulation and cleaning up area
2			
3			
4			
5			
6			

Time-Weighted Average Concentration (TWA) 2.5 fibers > 5 μm/cm^3

Ceiling Concentration _____

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 μm/cm^3 (OSHA) UCC Other

Ceiling _____ OSHA UCC Other

COMMENTS

Even though the workers had been advised to keep the insulation well wetted, it didn't appear as if they had done so.

WORK BY Ruth Close

APPROVED BY George Hurley

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

TO: R. F. Painter, Trlr. 5583
511

Computer Ref. W-1076

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G. F. Hurley, 701-334
L. R. Noble, 511-2149
D. R. Paugh, 511-2009
H. L. Robinson, 701-401
E. C. Shipley, 511-2009
E. J. Tawney, 5583
R. G. Rowe, M.D., 7
R. J. Sexton, M.D., 512

PERSON MONITORED _____

Location Bldg. 777 - Room 111 Date 8/19/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	14.4 fibers > 5 $\mu m/cm^3$	125 minutes	P.M. Stripping insulation and cleanup of area.
2			
3			
4			
5			
6			

Time-Weighted Average Concentration (TWA) 3.8 fibers > 5 $\mu m/cm^3$

Ceiling Concentration _____

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 $\mu m/cm^3$ (OSHA) UCC Other

Ceiling _____ OSHA UCC Other

COMMENTS

The concentration of fibers was as great the second day even though the men had been advised to keep the insulation well watered.

WORK BY Ruth Clise

APPROVED BY George Hurley

UCC 017449

WV-0093 #43

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

TO: R. F. Painter, Trlr. 5583
511

Computer Ref. W-1075

CC: C. W. Carman, 725-105
G. F. Hurley, 701-334
L. R. Noble, 511-2149
D. R. Paugh, 511-2009
H. L. Robinson, 701-401
E. C. Shipley, 511-2009
E. J. Tawney, 55
R. G. Rowe, M.D. 753
R. J. Sexton, M.I 51

PERSON MONITORED _____

Location Bldg. 777 - Room 111 Date 8/18/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	15.4 fibers > 5 μm/cm^3	41 minutes	A.M. Stripping insulation
2	11.3 "	149 minutes	P.M. Stripping insulation and helping with cleaning of area
3			
4			
5			
6			

Time-Weighted Average Concentration (TWA) 4.1 fibers > 5 μm/cm^3
Ceiling Concentration _____

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 μm/cm^3 (OSHA) UCC Other
Ceiling _____ *OSHA* *UCC* Other

COMMENTS

More water should be used to wet the insulation before stripping. Those stripping and bagging should always wear their disposable dust respirator while in the area and until the cleanup is finished.

WORK BY Ruth Clise

APPROVED BY George Hurley

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

TO: R. F. Painter, Trlr. 5583
511

Computer Ref. W-1075

CC: C. W. Carman, 725-105
G. F. Hurley, 701-334
L. R. Noble, 511-2149
D. R. Paugh, 511-2009
H. L. Robinson, 701-401
E. C. Shipley, 511-2009
E. J. Tawney, 5583
R. G. Rowe, M.D., 7
R. J. Sexton, M.D., 512

PERSON MONITORED _____

Location Bldg. 777 - Room 111 Date 8/18/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	6.3 fibers > 5 µm/cm^3	42 minutes	A.M. - Wetting and bagging insulation
2			
3	3.9 "	149 minutes	P.M. - Wetting and bagging insulation and cleaning up area
4			
5			
6			

Time-Weighted Average Concentration (TWA) 2.8 fibers > 5 µm/cm^3

Ceiling Concentration _____

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 µm/cm^3 (OSHA) UCC Other

Ceiling _____ OSHA UCC Other

COMMENTS

More water needs to be used in keeping the insulation wetted. Disposable dust respirators should be worn while in the stripping area and until the cleanup is completed.

WORK BY Ruth Cline

APPROVED BY George Hurley

UCC 017453