INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

FILE COPY

TO: R. F. Painter
Trlr. 5583
511

Computer Ref. W-1087

PLAINTIFF'S EXHIBIT
UC-2266

CC: G. F. Hurley, 701-334
H. L. Robinson, 701-401
E. J. Tawney, 511-5583

PERSON MONITORED Construction Insulators - Laborers

Location Tank Pad - Bldg. 777 Date 9/10/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	0.10 fibers	20 minutes @ 2 LPM	D. C. Shamblin
2	0.11 fibers	18 minutes @ 2 LPM	C. Miller
3	0.15 fibers	18 minutes @ 2 LPM	R. E. Templeton
4			
5			
6			

Time-Weighted Average Concentration (TWA) Not enough data
Ceiling Concentration Not exceeded

ALLOWABLE EXPOSURE

TWA 2 fibers/cc > 5 µm (OSHA) UCC Other
Ceiling 10 " " (OSHA) UCC Other

COMMENTS

Stripping approximately 100 feet of old pipe insulation. Items lying on concrete pad were wetted with a hose, employees wore respirators and protective clothing.

WORK BY S. W. Betts

APPROVED BY Manhar A. Patel

UCC 024237

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INDUSTRIAL HYGIENE MONITORING FOR Asbestos

FILE COPY

TO: Mr. Wilson Shelton

Computer Ref. W1012

CC: Mr. C. F. Hurley
Mr. H. L. Robinson

PERSON MONITORED Area Sample

Location Bldg 777-101 Date 2-22-80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	0.7 fibers	50 min	Near Center of
2			Room - Approx. 5' fr
3			floor
4			
5			
6			

Time-Weighted Average Concentration (TWA) _____

Ceiling Concentration _____

ALLOWABLE EXPOSURE

TWA 2 fibers (OSHA) UCC Other

Ceiling _____ OSHA UCC Other

COMMENTS

WORK BY S. W. Bolt

APPROVED BY George Hurley

UCC 024238

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INDUSTRIAL HYGIENE MONITORING FOR Asbestos

TO: Mr. Wilson Shelton Computer Ref. W1012

CC: Mr. G. F. Hurley
Mr. H. L. Robinson

PERSON MONITORED Mr. Ralph Hess

Location 777-101 Date 2.22-80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	1.6 fibers	50 min.	Helper - Stripping
2			3/4" steam line ~
3			60 ft.
4			
5			
6			

Time-Weighted Average Concentration (TWA) _____
Ceiling Concentration _____

ALLOWABLE EXPOSURE

TWA 2 fibers/cc (OSHA) UCC Other
Ceiling _____ OSHA UCC Other

COMMENTS

Wet insulation with water, Wore Approved disposable 3-M Respirators.

WORK BY S. W. Batts

APPROVED BY George Hurley

UCC 024239

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INDUSTRIAL HYGIENE MONITORING FOR Asbestos

TO: Mr. Wilson Shelton Computer Ref. W1012

CC: Mr G. F. Hurley
Mr H. L. Robinson

PERSON MONITORED John Hackney

Location 777-101 Date 2-22-80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	1.5 fibres	50 min.	Stripping 3/4" steam
2			line ~ 60 feet.
3			
4			
5			
6			

Time-Weighted Average Concentration (TWA) _____
Ceiling Concentration _____

ALLOWABLE EXPOSURE

TWA 2 fibres/cc (OSHA) UCC Other
Ceiling _____ OSHA UCC Other

COMMENTS

Wet insulation with water. Wore disposable 3-M respirators.

WORK BY S. W. Bath

APPROVED BY George Hurley

UCC 024240

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

FILE COPY

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, 5[illegible]
R. G. Rowe, M.D
753
R. J. Sexton, M.
51

PERSON MONITORED D. C. Shamblin

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
3			and helping with cleaning of area
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 Cline

APPROVED BY George Hurley

UCC 024241

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

FILE COPY

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., 7
R. J. Sexton, M.D., 512

PERSON MONITORED D. C. Shamblin

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

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	14.4 fibers > 5 µm/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 µm/cm^3

Ceiling Concentration

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 µm/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 Cline

APPROVED BY George Hurley

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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., 75

PERSON MONITORED R. E. Templeton

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 Close

APPROVED BY George Hurley

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