PLAINTIFF'S EXHIBIT

UC-3223

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

TO: D. L. Johnson, 511-5518 Computer Ref. W-1040

CC: C. W. Carman, 725-105
G. F. Hurley, 701-334
C. R. Johnson, 511-2009
D. R. Paugh, 511-2009
P. A. Perry, 511-5583
[redacted]
H. L. Robinson, 701-401
E. C. Shipley, 511-2009

PERSON MONITORED D. K. Naylor

Location #1 Powerhouse - Institute Date 4/11/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	.35 fibers > 5 μm/cm³	60 minutes	A.M. - Bagging insulation
2	.81 fibers > 5 μm/cm³	105 minutes	A.M. - Bagging insulation
3	.18 fibers > 5 μm/cm³	87 minutes	P.M. - Bagging insulation
4	.06 fibers > 5 μm/cm³	49 minutes	P.M. - Bagging insulation and cleaning area
5			
6			

Time-Weighted Average Concentration (TWA) 0.3 fibers > 5 μm/cm³

Ceiling Concentration _____

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 μm/cm³ (OSHA) UCC Other

Ceiling _____ OSHA UCC Other

COMMENTS

Bagging insulation that had been stripped from #2 boiler front and boiler front duct on second level of #1 Powerhouse at Institute. Mr. Naylor wore a disposable Norton dust respiratory and disposable coveralls during the bagging and cleanup. The insulation was placed in plastic bags for disposal and dropped from the second level to a truck below. At this point the full bags should be handled carefully. It is suggested that they could be lowered on a rope to prevent the bags from splitting.

WORK BY Ruth Cline

APPROVED BY G. F. Hurley

UCC 016648

Union Carbide trial exhibit UC-3223: Industrial Hygiene Monitoring for Asbestos Reports to D. L. Johnson on Insulati... Published by AsbestosClaims.Law
ACL Doc 18034 · Page 1 of 4 asbestosclaims.law/library/18034/1

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

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[redacted]
H. L. Robinson, 701-401
E. C. Shipley, 511-2009

PERSON MONITORED G. H. Landers

Location #1 Powerhouse - Institute Date 4/11/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	.35 fibers > 5 μm/cm³	60 minutes	A.M. - Stripping insulation
2	.42 fibers > 5 μm/cm³	105 minutes	A.M. - Stripping insulation
3	.09 fibers > 5 μm/cm³	80 minutes	P.M. - Stripping insulation
4	.65 fibers > 5 μm/cm³	38 minutes	P.M. - Stripping insulation and cleaning area.
5			
6			

Time-Weighted Average Concentration (TWA) 0.2 fibers > 5 μm/cm³

Ceiling Concentration

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 μm/cm³ (OSHA) UCC Other

Ceiling OSHA UCC Other

COMMENTS

Stripping suspected asbestos containing insulation from #2 boiler front and boiler front duct on second level of #1 Powerhouse at Institute. The last sample of the day was the highest concentration found. This may be attributed to the fact that they got in a hurry and didn't keep the insulation well-wetted. Mr. Landers wore a disposable Norton dust respirator, and disposable coveralls during the stripping.

WORK BY Ruth Clise

APPROVED BY G. Hurley

UCC 016649

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

TO: D. L. Johnson, 511-5518 Computer Ref. W-1041

CC: C. W. Carman, 725-105
G. F. Hurley, 701-334
C. R. Johnson, 511-2009
D. R. Paugh, 511-2009
P. A. Perry, 511-5583
[redacted], 511-2149
H. L. Robinson, 701-401
E. C. Shipley, 511-2009

PERSON MONITORED D. K. Milan

Location #1 Powerhouse - Institute Date 4/11/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	.69 fibers > 5 μm/cm^3	68 minutes	P.M. - Stripping insulation
2	2.72 fibers > 5 μm/cm^3	27 minutes	P.M. - Stripping insulation
3			
4			
5			
6			

Time-Weighted Average Concentration (TWA) Not monitored long enough
Ceiling Concentration to calculate TWA.

ALLOWABLE EXPOSURE

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

COMMENTS

Stripping insulation from #2 boiler front and boiler front duct on second level of #1 Powerhouse at Institute. Mr. Milan wore a disposable Norton dust respirator and disposable coveralls during the stripping. The insulators got in a hurry toward the end of the day and didn't keep the insulation well wetted. This resulted in the last value being higher.

WORK BY Ruth Cline

APPROVED BY G. F. Hurley

UCC 016650

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

TO: D. L. Johnson, 511-5518

Computer Ref. W-1040

CC: C. W. Carman, 725-105
G. F. Hurley, 701-334
C. R. Johnson, 511-2009
D. R. Paugh, 511-2009
P. A. Perry, 511-5583
[redacted], 511-2149
H. L. Robinson, 701-401
E. C. Shipley, 511-2009

PERSON MONITORED B. M. Beckett

Location #1 Powerhouse - Institute Date 4/11/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	.48 fibers > 5 μm/cm³	60 minutes	A.M. - Stripping insulation
2	1.24 fibers > 5 μm/cm³	84 minutes	A.M. - Stripping insulation
3			
4			
5			
6			

Time-Weighted Average Concentration (TWA) Not monitored long enough to calculate TWA.
Ceiling Concentration

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 μm/cm³ (OSHA) UCC Other
Ceiling _____ OSHA UCC Other

COMMENTS

Stripping suspected asbestos containing insulation from #2 boiler front and boiler front duct on second level of #1 Powerhouse at Institute. Mr. Beckett was not monitored in the afternoon because he was transferred to another job. During the stripping he wore a disposable Norton dust respirator and disposable coveralls.

WORK BY Ruth Cline

APPROVED BY G. F. Hurley

UCC 016651