FEC - Institute Montana

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

TO: D. L. Johnson, 511-5518 Computer Ref. W-1043

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

PERSON MONITORED T. L. Jividen

Location #1 Powerhouse - Institute Date 4/28/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	fibers > .52 5 µm/cm^3	57 minutes	A.M. - Stripping insulation
2	.62 "	111 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/cm^3 (OSHA) UCC Other
Ceiling OSHA UCC Other

COMMENTS

Stripping insulation from several steam lines on #1 boiler on the first level of #1 Powerhouse at Institute. Sometime during the afternoon, the filter cassette worn by Mr. Jividen was lost so a TWA was not calculated. During the stripping he wore a disposable dust respirator and disposable coveralls.

Even insulation that does not contain asbestos should be watered to help control the dust.

WORK BY Ruth Cline

APPROVED BY J. Hurley

PLAINTIFF'S EXHIBIT
UC-3228

UCC 016663

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

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PERSON MONITORED F. E. Cobb

Location #1 Powerhouse - Institute Date 4/28/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	fibers > .15 5 µm/cm^3	63 minutes	A.M. - Stripping insulation
2	.37 "	108 minutes	A.M. - Stripping insulation
3	.06 "	30 minutes	P.M. - Stripping insulation
4	.52 "	45 minutes	P.M. - Stripping insulation
5			
6			

Time-Weighted Average Concentration (TWA) .14 fibers > 5 µm/cm^3

Ceiling Concentration _____

ALLOWABLE EXPOSURE

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

Ceiling _____ OSHA UCC Other

COMMENTS

Stripping insulation from several steam lines on #1 boiler on the firs level of #1 Powerhouse at Institute. Mr. Cobb wore a disposable dust respirator and disposable coveralls during the stripping.

Even though part of the insulation being stripped did not contain asbe tos, the insulation should be well watered to help control the dust.

WORK BY Ruth Clise

APPROVED BY G. Hurley

UCC 016664

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

TO: D. L. Johnson, 511-5518

Computer Ref. W-1043

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

PERSON MONITORED T. G. Grant

Location #1 Powerhouse - Institute Date 4/28/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	.43 fibers > 5 µm/cm³	58 minutes	A.M. - Bagging insulation
2	.64 "	116 minutes	A.M. - Bagging insulation
3	.34 "	89 minutes	P.M. - Bagging insulation
4			
5			
6			

Time-Weighted Average Concentration (TWA) .27 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 several steam lines on #1 boiler on the first level of #1 Powerhouse at Institute. The stripped insulation was placed in plastic bags tagged and placed in a dumpster for proper disposal. Mr. Grant wore a disposable dust respirator and disposable coveralls.

WORK BY Ruth Cline

APPROVED BY G. Hurley

UCC 016665