

TO: R. F. Painter, Trlr. 5583
511Computer Ref. W-1076

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

PERSON MONITORED R. E. TempletonLocation Bldg. 777 - Room 111 Date 8/19/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	fibers > 10.1 5 $\mu\text{m}/\text{cm}^3$	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 $\mu\text{m}/\text{cm}^3$
Ceiling Concentration _____

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 $\mu\text{m}/\text{cm}^3$ 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 Chase

APPROVED BY

George Hurley

TO: R. F. Painter, 5583 (511)

Computer Ref. W-1078

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

PERSON MONITORED R. E. Templeton

Location Bldg: 777 - Between eastern Date 8/25/80

of ACR Unit and Dewatering Shed
 on second level of elevator shaft

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	0.2 fibers > 5 $\mu\text{m}/\text{cm}^3$	68 minutes	A.M. Sample - Bagging
2	<0.1 "	73 minutes	Insulation
3			P.M. Sample - Bagging
4			insulation and
5			cleaning area
6			

Time-Weighted Average Concentration (TWA) <0.1 fibers > 5 $\mu\text{m}/\text{cm}^3$
 Ceiling Concentration

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 $\mu\text{m}/\text{cm}^3$ OSHA UCC Other
 Ceiling OSHA UCC Other

COMMENTS

Stripping was done outside and it was very well wetted by rain.

WORK BY

Ruth Clise

APPROVED BY

George Hurley

TO: R. F. Painter, 5583 (511)

Computer Ref. W-1078

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

PERSON MONITORED D. C. Shamblin

Location Bldg. 777 - Between east end Date 8/25/80

of ACR Unit and Dewatering Shed
on second level of elevator shaft

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	fibers > 5 0.1 $\mu\text{m}/\text{cm}^3$	71 minutes	A.M. - Stripping insulation
2	0.2 "	64 minutes	P.M. - Stripping insulation
3			
4			
5			
6			

Time-Weighted Average Concentration (TWA) <0.1 fibers >5 $\mu\text{m}/\text{cm}^3$
Ceiling Concentration

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 $\mu\text{m}/\text{cm}^3$ OSHA UCC Other
Ceiling OSHA UCC Other

COMMENTS

Stripping was done outside and it was very well wetted by rain.

WORK BY

Ruth Clise

APPROVED BY

George Hurley

TO: R. F. Painter, 5583 (511)

Computer Ref. W-1078

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

PERSON MONITORED C. MillerLocation Bldg. 777 - Between eastern Date 8/25/80of ACR Unit and Dewatering ShedEXPOSURE RESULTS on second level of elevator shaft

	Conc.	Sampling Time	Comments
Sample 1	fibers >5 0.1 $\mu\text{m}/\text{cm}^3$	74 minutes	A.M. Sample - Stripping
2	<0.1 "	63 minutes	Insulation P.M. Sample - Stripping
3			Insulation
4			
5			
6			

Time-Weighted Average Concentration (TWA) <0.1 fibers >5 $\mu\text{m}/\text{cm}^3$
Ceiling Concentration _____

ALLOWABLE EXPOSURE

TWA 2 fibers >5 $\mu\text{m}/\text{cm}^3$ OSHA UCC Other
Ceiling _____ OSHA UCC Other

COMMENTS

Stripping was done outside and it was very well wetted by rain.

WORK BY

Ruth Clise

APPROVED BY

George Hurley

INDUSTRIAL HYGIENE - ENVIRONMENTAL PROTECTION

ENVIRONMENTAL HAZARD REPORT

DATE 4/1/77 TIME PERSON REQUESTING ASSISTANCE Wilson SheltonLOCATION 704 Shop DEPARTMENT ServicesIH DEPARTMENT CONTACT Bill BlytheREQUEST We were requested to monitor
removal of insulation possibly containing
asbestos at Bldg. 704 and behind Bldg.
778.ACTION TAKEN Personal samples were taken on
J. R. Monin while he removed the insulation.
The insulation was wetted with water before
and during removal and Mr. Monin wore a
respirator. Concentrations of asbestos in air were
0.26 fibers/cc at the job in 704 at 0.06
fibers/cc at the job west of 778. These are
well below the OSHA TLV of 2 fibers/cc.
IH FILE Asbestos 704, 778

(IH #1 2/77)

UCC 024250

TO: R. F. Painter, 5583 (511)

Computer Ref. 1064

CC: C. W. Carman, 725-105 L. R. Noble, 511-2149 E. C. Shipley, 512
D. H. Cook, 5583 (511) D. R. Paugh, 511-2009
G. F. Hurley, 701-334 H. L. Robinson, 701-401

PERSON MONITORED C. Miller

Location Basement of Bldg. 789 Date 7/3/80
(Cooling Tower)

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	fibers > 5 .3 $\mu\text{m}/\text{cm}^3$	108 minutes	A.M. Sample - Stripping Insulation
2			
3	*		P.M. Sample - Stripping Insulation
4			
5			
6			

Time-Weighted Average Concentration (TWA) Not Calculated
Ceiling Concentration

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 $\mu\text{m}/\text{cm}^3$
Ceiling

OSHA
OSHA

UCC Other
UCC Other

COMMENTS

Because part of the insulation being stripped was believed to contain asbestos, the workers in the area still are required to wear disposable dust masks and keep the insulation to be stripped well wetted. Barricades and signs must be present to warn others in the area of the potential hazard. In the future, when there is doubt about the insulation containing asbestos, either full precautions for handling asbestos will be observed or a sample of the insulation will be tested for asbestos content prior to starting the job.

WORK BY Ruth CliseAPPROVED BY G. F. Hurley

*The P.M. sample could not be analyzed because it got wet.

TO: R. F. Painter, 5583 (511)

Computer Ref. 1064

CC: C. W. Carman, 725-105
 D. H. Cook, 5583 (511)
 G. F. Hurley, 701-334

L. R. Noble, 511-2149
 D. R. Paugh, 511-2009
 H. L. Robinson, 701-401

E. C. Shipley, 512

PERSON MONITORED D. C. Shamblin

Location Basement of Bldg. 789 Date 7/3/80
 (Cooling Tower)

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	fibers > 5 .7 $\mu\text{m}/\text{cm}^3$	108 minutes	A.M. Sample - Stripping Insulation
2			
3	*		P.M. Sample - Stripping Insulation
4			
5			
6			

Time-Weighted Average Concentration (TWA) Not Calculated
 Ceiling Concentration _____

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 $\mu\text{m}/\text{cm}^3$ OSHA UCC Other
 Ceiling _____ OSHA UCC Other

COMMENTS

Because part of the insulation being stripped was believed to contain asbestos, the workers in the area still are required to wear disposable dust masks and keep the insulation to be stripped well wetted. Barricades and signs must be present to warn others in the area of the potential hazard. In the future, when there is doubt about the insulation containing asbestos, either full precautions for handling asbestos will be observed or a sample of the insulation will be tested for asbestos content prior to starting the job.

WORK BY Ruth CliseAPPROVED BY G. Hurley

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 D. H. Cook, 5583 (511) D. R. Paugh, 511-2009
 G. F. Hurley, 701-334 H. L. Robinson, 701-401

PERSON MONITORED R. R. Burgess

Location Basement of Bldg. 789 Date 7/3/80
 (Cooling Tower)

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	fibers > 5 .3 $\mu\text{m}/\text{cm}^3$	90 minutes	A.M. Sample - Bagging Stripped Insulation
2			
3	*		P.M. Sample - Bagging Stripped Insulation
4			
5			
6			

Time-Weighted Average Concentration (TWA) Not Calculated
 Ceiling Concentration _____

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 $\mu\text{m}/\text{cm}^3$ OSHA UCC Other
 Ceiling _____ OSHA UCC Other

COMMENTS

Because part of the insulation being stripped was believed to contain asbestos, the workers in the area still are required to wear disposable dust masks and keep the insulation to be stripped well wetted. Barricades and signs must be present to warn others in the area of the potential hazard. In the future, when there is doubt about the insulation containing asbestos, either full precautions for handling asbestos will be observed or a sample of the insulation will be tested for asbestos content prior to starting the job.

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