UNION CARBIDE **BUSINESS CONFIDENTIAL**

Called Chuck and asked him to talk with Paul about Crowder results, and to tell him Crowder had to be informed of the results

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS 

TO: J. E. Midkiff, Trlr. 5583 (511)

Computer Ref. W-1401
Date March 19, 1982

cc:
L. R. Noble, 511-2149
R. F. Painter, 511-5583
R. E. Peele, 701-334
R. G. Rowe, M.D., 791
W. T. Shelton, 704 Shop
E. C. Shipley, 511-2009

PLAINTIFF'S EXHIBIT
UC-3211

PERSON MONITORED Warren Abbot, Paul Crowder, and Dave Shamblin

Location Building 701-100 Date 02/16/82

EXPOSURE RESULTS

| Sample No. | Conc. | Sampling Time | Comments |
|---|---|---|---|
| 1 | 1.16 fibers/cc | 50 Mins. | Personal sample - Warren Abbot (Construc.) 1105-1155 hours (morning) |
| 2 | 0.09 fibers/cc | 150 Mins. | Personal sample - Warren Abbot (Construc.) 1305-1535 hours (afternoon) |
| 3 | 4.4 fibers/cc | 50 Mins. | Personal sample - Paul Crowder (Construc.) 1105-1155 hours (morning) |
| 4 | 0.14 fibers/cc | 150 Mins. | Personal sample - Paul Crowder (Construc.) 1305-1535 hours (afternoon) |
| 5 | 1.07 fibers/cc | 50 Mins. | Personal sample - Dave Shamblin (Insulat) 1105-1155 hours (morning) |
| 6 | 0.27 fibers/cc | 115 Mins. | Personal sample - Dave Shamblin (Insulat) 1305-1500 hours (afternoon) |



*Union Carbide trial exhibit UC-3211: Industrial Hygiene Monitoring for Asbestos, Building 701-100 Insulation Cleanu…* Published by AsbestosClaims.Law
ACL Doc 18023 · Page 1 of 4 asbestosclaims.law/library/18023/1

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INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS 

Computer Ref. W-1401
Date March 19, 1982

TO:

See Page 1

cc:

PERSON MONITORED Area Sample

Location Building 701-100 Date 02/16/82

EXPOSURE RESULTS

| Sample No. | Conc. | Sampling Time | Comments |
|---|---|---|---|
| 7 | 1.32 fibers/cc | 47 Mins. | Area sample - North end Room 100 1108-1155 hours (morning) |
| 8 | 0.37 fibers/cc | 143 Mins. | Area sample - North end Room 100 1310-1533 hours (afternoon) |
| 9 | 1.35 fibers/cc | 47 Mins. | Area sample - South end Room 100 1108-1155 hours (morning) |
| 10 | 0.56 fibers/cc | 143 Mins. | Area sample - South end Room 100 1310-1533 hours (afternoon) |
| | | | |
| | | | |

Time-Weighted Average Concentration (TWA) Not enough sampling time to determine TWA

Ceiling Concentration -

ALLOWABLE EXPOSURE (8-Hour Shift)

| | | | | |
|---|---|---|---|---|
| TWA | 2 Fibers/cc | X OSHA | ___UCC | ___Other |
| Ceiling | - | ___OSHA | ___UCC | ___Other |

COMMENTS

Two Construction workers and one insulator were monitored for exposure to asbestos fibers during an insulation cleanup operation in Building 701-100. The insulator worked on stripping old insulation from a small section of steam line while the two Construction workers vacuumed old insulation particles and dust from the tops of the fume hoods, the ceiling, duct work, walls, and instrument panels. All workers wore gloves, coveralls, shoe covers, safety goggles, and fresh air masks. Workers were monitored during the entire work period. Please report results to employees.

WORK BY Mario F. Stowers
Mario F. Stowers

APPROVED BY Manhar A. Patel
Manhar A. Patel

UCC 016619

Title Asbestos-73
29T(5)

UNION CARBIDE BUSINESS CONFIDENTIAL

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

Computer Ref. W-1402
Date March 19, 1982

TO: J. E. Midkiff, Trlr. 5583 (511)

cc: L. R. Noble, 511-2149
R. F. Painter, 511-5583
R. E. Peele, 701-334
R. G. Rowe, M.D., 791
W. T. Shelton, 704 Shop
E. C. Shipley, 511-2009

PERSON MONITORED Warren Abbot

Location Building 701-100 Date 02/17/82

EXPOSURE RESULTS

| Sample No. | Conc. | Sampling Time | Comments |
|---|---|---|---|
| 1 | 0.13 fibers/cc | 190 Mins. | Personal sample - Warren Abbot (Construction) 0820-1130 hrs. - morning |
| 2 | 0.04 fibers/cc | 140 Mins. | Personal sample - Warren Abbot (Construction) 1310-1530 hrs. - afternoon |
| 3 | 0.03 fibers/cc | 183 Mins. | Area sample - North end Room 100 0822-1125 hrs. - morning |
| 4 | 0.01 fibers/cc | 136 Mins. | Area sample - North end Room 100 1316-1532 hrs. - afternoon |
| 5 | 0.10 fibers/cc | 183 Mins. | Area sample - South end Room 100 0822-1125 hrs. - morning |
| 6 | 0.02 fibers/cc | 136 Mins. | Area sample - South end Room 100 1316-1532 hrs. - afternoon |

Time-Weighted Average Concentration (TWA) 0.06 fibers/cc

Ceiling Concentration -

ALLOWABLE EXPOSURE (8-Hour Shift)

| | | | | |
|---|---|---|---|---|
| TWA | 2 Fibers/cc | X OSHA | ___UCC | ___Other |
| Ceiling | _____ | ___OSHA | ___UCC | ___Other |

COMMENTS

Construction worker monitored for exposure to asbestos fibers while performing cleanup operation of old insulation and dust in Building 701-100. Insulation and dust particles were collected by means of a vacuum cleaner. Worker wore gloves, coveralls, shoe covers, safety goggles, and a fresh air mask. Monitoring done during entire work period. Time-weighted average computed based on results of personal exposure over the entire day. Please notify employee of results.

WORK BY Mario F. Stowers
Mario F. Stowers

APPROVED BY Manhar A. Patel
Manhar A. Patel

UCC 016620

UNION CARBIDE **BUSINESS CONFIDENTIAL**

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

Computer Ref. W-1405

TO: J. E. Midkiff, 511-5583 (Trlr)

Date March 19, 1982

cc: L. R. Noble, 511-2149
R. F. Painter, 511-5583
R. E. Peele, 701-334
R. G. Rowe, M.D., 791
W. T. Shelton, 704 Shop
E. C. Shipley, 511-2009

PERSON MONITORED Paul Crowder

Location Building 701-100 Date 02/17/82

EXPOSURE RESULTS

| Sample No. | Conc. | Sampling Time | Comments |
|---|---|---|---|
| 1 | 0.11 fibers/cc | 190 Mins. | Personal sample - Paul Crowder (Construction) 0820-1130 hrs - morning |
| 2 | 0.08 fibers/cc | 140 Mins. | Personal sample - Paul Crowder (Construction) 1310-1530 hrs. - afternoon |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |

Time-Weighted Average Concentration (TWA) 0.09 fibers/cc

Ceiling Concentration -

ALLOWABLE EXPOSURE

| | | | | |
|---|---|---|---|---|
| TWA | 2 Fibers/cc | X OSHA | ___UCC | ___Other |
| Ceiling | | ___OSHA | ___UCC | ___Other |

COMMENTS

Construction worker monitored for exposure to asbestos fibers while performing cleanup operation of old insulation and dust in Building 701-100. Insulation and dust particles were collected by means of a vacuum cleaner. Worker wore gloves, coveralls, shoe covers, safety goggles, and a fresh air mask. Monitoring done during entire work period.

WORK BY Mario F. Stowers
Mario F. Stowers

APPROVED BY Manhar A. Patel
Manhar A. Patel

UCC 016621