GR I 146 2

UNION CARBIDE

INTERNAL CORRESPONDENCE

CHEMICALS AND PLASTICS

P. O. BOX K, KING CITY, CALIFORNIA 93930

To (Name)
Division
Location

Mr. Paul W. McDaniel
4th Floor, Room 202
New York, N. Y.

Date August 7, 1969

Originating Dept.

Answering letter date

Subject

Copy to

J. Riddle
J. Myers

Dear Mr. McDaniel:

Enclosed are dust particle counts taken on July 15th and 28th.

Dust counts were taken on two different weeks because of my shift schedule. Some samples were omitted due to the plant being operated mostly on swing and graveyard shifts.

Very truly yours,

Gabe Acosta

Gabe Acosta

GA:mh





Published by AsbestosClaims.Law
asbestosclaims.law/library/16536/1

G. Acosta
8-7-69

DUST SAMPLE

COMMENT: July 15, 1969. Weather - clear. Winds - 5 MPH from northwest. Temperature - 78°. Wet circuit not operating.

| | | 5 MICRON AVERAGE 3 FIELDS |
|---|---|---|
| (1) Palletizing area | West door open - hauling out product<br>Bagging visbestos with Stoker Bagger<br>Inside doors closed - wet dust return working<br>Vacuum head hose O.K.<br>10 min. 2.8 LPM - 11:45 A.M. - 70° F | 11 |
| (2) Same as #1 | 10 min. 2.8 LPM - 12:30 P.M. - 70° F | 11 |
| (3) North fence line | Clear<br>Wind, 10 MPH north, 1:25 P.M. - 81° F<br>10 min., 2.8 LPM | 7 |
| (4) Same as #3 | 10 min., 2.8 LPM - 1:40 P.M. - 81° F | 5 |
| (5) South fence line | Clear<br>Wind 15 MPH north - 2:00 P.M. - 82° F<br>Sample interrupted after 3 min. Freon not vaporizing<br>10 min. - 2.8 LPM | 3 |
| (6) Same as #5 | 10 min. 2.8 LPM - 2:25 P.M. - 82° F | 3 |

DUST SAMPLE

COMMENT: July 28, 1969. Weather - clear. Winds - 5 MPH from north. Temperature - 68°.

| | | 5 MICRON AVERAGE 3 FIELDS |
|---|---|---|
| (7) RG - 244 Bagging Room | Doors closed - 9:50 A.M. - 65° F<br>10 min. - 2.8 LPM | 3 |
| (8) Same as #7 | 10 min. - 2.8 LPM - 10:40 A.M. - 68° F | 3 |
| (9) At Bagger operators breathing zone | West door open - auto. palletizer operating<br>Bagging SG-130 with stoker bagger<br>Inside doors closed - wet dust return working<br>Vacuum head hose or<br>10 min. - 2.8 LPM - 11:10 A.M. - 74° F | 8 |
| (10) Same as #9 | 10 min. - 2.8. LPM - 11:25 A.M. - 74° F<br>1 broken bag | 13 |


Published by AsbestosClaims.Law
asbestosclaims.law/library/16536/3

GR I.-149-2

UNION CARBIDE

INTERNAL CORRESPONDENCE

CHEMICALS AND PLASTICS • P. O. BOX K, KING CITY, CALIFORNIA 93930

To (Name) Mr. Paul W. McDaniel
Division Medical Department
Location 4th floor, room 202
New York

Date October 29, 1969

Originating Dept.

Answering letter date

Copy to L. F. Crow
J. L. Myers
J. A. Riddle

Subject Monthly Dust Count
King City Plant

Dear Mr. McDaniel:

Enclosed are the dust counts for the month of October at the King City plant. All samples were taken on 10/21/69 during swing shift. All circuits were operating, but the automatic palletizer was down.

G. Acosta

G. Acosta

GA/clg
encl:


Published by AsbestosClaims.Law
asbestosclaims.law/library/16536/4

G. Acosta
10-21-69

DUST SAMPLE

COMMENT: Weather - clear, winds - 15 MPH from North, Temp. 76°F.

| | SAMPLE | COMMENT | AVE. +5M | TOTAL |
|---|---|---|---|---|
| #1 | North Fence Line | 4:45 pm - 76°F<br>2.8 liters/min-10 min.<br>Wind 15 MPH from North | 2 | 19 |
| #2 | Same as #1 | 4:58 pm - 74°F<br>2.8 liters/min-10 min. | 3 | 27 |
| #3 | South Fence Line | 5:28 pm - 72°F<br>2.8 liters/min-10 min.<br>Wind 17 MPH from North | 6 | 27 |
| #4 | Same as #3 | 5:41 pm - 70°F<br>2.8 liters/min-10 min. | 1 | 16 |
| #5 | Beside Bagger Operator (Breathing Zone) | 6:20 pm - 76°F<br>2.8 liters/min-10 min.<br>Palletizer not operating<br>West door open-inside door open<br>Wet dust return working, bagging SG-100 (pellets) | 30 | 104 |
| #6 | Same as #5 | 6:55 pm - 76°F<br>2.8 liter/min-10 min. | 20 | 58 |
| #7 | Riding Front End Loader | 7:25 pm - 64°F<br>2.8 liters/min-10 min.<br>Wind 17 MPH from North<br>Hauling ore from stockpile to #202 Hopper | 13 | 97 |
| #8 | Same as #7 | 7:40 pm - 64°F<br>2.8 liters/min-10 min. | 9 | 133 |
| #9 | End of Bag Conveyor | 8:40 pm - 72°F<br>2.8 liters/min-10 min.<br>Bagging room door open<br>Packaging SG-100 (pellets)<br>Palletizer not operating | 4 | 23 |

| | SAMPLE | COMMENT | AVE. +5M | TOTAL |
|---|---|---|---|---|
| #10 | Same as #9 | 8:55 pm - 72°F<br>2.8 liters/min-10 min. | 2 | 16 |
| #11 | Rock Fiber-Refiner Mezzanine Area | 9:35 pm - 72°F<br>2.8 liters/min-10 min. | 3 | 67 |
| #12 | Same as #11 | 9:45 pm - 72°F<br>2.8 liters/min-10 min. | 1 | 15 |
| #13 | Filter Press Area | 10:15 pm - 70°F<br>2.8 liters/min-10 min. | 2 | 16 |
| #14 | Same as #13 | 10:28 pm - 68°F<br>2.8 liters/min-10 min. | 2 | 12 |
| #15 | Packaging Area (Above Change Room) | 10:50 pm - 69°F<br>Bagging Room Door Open<br>Bagging SG-100 (pellets)<br>2.8 liters/min-10 min, | 1 | 26 |
| #16 | Same as #15 | 11:02 pm - 68°F<br>2.8 liters/min-10 min. | 3 | 21 |


Published by AsbestosClaims.Law
asbestosclaims.law/library/16536/6

G. Acosta
12-17-69

DUST SAMPLE

COMMENT: December 12, 1969. Weather - clear, no winds, temp. 68°F.

| | SAMPLE | COMMENT | AVE. +5M | TOTAL |
|---|---|---|---|---|
| #1 | North Fence Line | 1:55 pm - 68°F<br>2.8 liters/min. 10 min. | 2 | 17 |
| #2 | Same as #1 | 2:08 pm - 68°F<br>2.8 liters/min. 10 min. | 2 | 20 |
| #3 | South Fence Line | 3:00 pm - 65°F<br>2.8 liters/min. 10 min.<br>Wind 5 MPH from Northwest | 1 | 19 |
| #4 | Same as #3 | 3:12 pm - 65°F<br>2.8 liters/min. 10 min.<br>Wind 5 MPH | 2 | 19 |
| #5 | Packaging Area<br>(Above Change Room) | 4:13 pm - 70°F<br>2.8 liters/min. 10 min.<br>North door open - all circuits operating bagging room door open - floors in mill building being swept. | 4 | 27 |
| #6 | Same as #5 | 4:28 pm - 69°F<br>2.8 liters/min. 10 min.<br>Same conditions as #5 | 5 | 24 |
| #7 | Rock Fiber Refiner<br>(Mezzanine Area) | 4:55 pm - 71°F<br>2.8 liters/min. 10 min. | 3 | 54 |
| #8 | Same as #7 | 5:07 pm - 70°F<br>2.8 liters/min. 10 min. | 4 | 24 |
| #9 | Area Around Palletizer | 5:30 pm - 69°F<br>2.8 liters/min. 10 min.<br>West door open. Inside door open-palletizer operating-bagging SG-130 wet dust return operating-using Stoker & Black baggers. | 7 | 37 |

| SAMPLE | COMMENT | AVE. +5M | TOTAL |
|---|---|---|---|
| #10 Same as #9 | 5:45 pm - 69°F<br>2.8 liters/min. 10 min. | 13 | 46 |
| COMMENT: December 18, 1969. | Weather - cloudy, wind 5 MPH from Southwest. | | |
| #11 Filter Press Area | 4:30 pm - 72°F<br>2.8 liters/min. 10 min. | 1 | 25 |
| #12 Same as #11 | 4:43 pm - 71°F<br>2.8 liters/min. 10 min. | 6 | 30 |
| #13 Riding Front End Loader | 5:00 pm - 61°F<br>2.8 liters/min. 10 min.<br>Wind 10 MPH from Southwest | 20 | 193 |
| #14 Same as #13 | 5:15 pm - 61°F<br>2.8 liters/min. 10 min.<br>Same wind condition as #13 | 22 | 171 |
| #15 Beside Bagger Operator | 5:40 pm - 70°F<br>2.8 liters/min. 10 min.<br>Bagging SG-130 using both baggers-inside west door open, palletizer working-wet dust return working. | 21 | 45 |
| #16 Same as #15 | 6:05 pm - 70°F<br>2.8 liters/min. 10 min.<br>Same conditions as #15 | 22 | 73 |

GA/clg
12-31-69

. Acosta
-31-70

UST SAMPLE

OMMENT: July 27, 1970. Weather-Clear, wind 27 mph from Northwest 75°F.

| | SAMPLE | COMMENT | PARTICLE COUNT AVE. +5M | PARTICLE COUNT TOTAL |
|---|---|---|---|---|
| 1 | North Fence | 5:10 pm - 75°F<br>2.8 liters/min., 10 min.<br>Wind 27 mph northwest | 1 | 19 |
| 2 | Same as #1 | 5:25 pm - 75°F<br>2.8 liters/min., 10 min.<br>Conditions same as #1 | 1 | 21 |
| 3 | South Fence | 6:00 pm - 72°F<br>2.8 liters/min., 10 min.<br>Wind 30 mph northwest | 1 | 25 |
| 4 | Same as #3 | 6:20 pm - 72°F<br>2.8 liters/min., 10 min.<br>Conditions same as #3 | 1 | 28 |
| 5 | Bagging Circuit (At operators breathing zone) | 7:00 pm - 77°F<br>2.8 liters/min., 10 min.<br>Bagging HPP<br>Inside door open-west door open<br>Palletizer not operating<br>Wet dust return running | 7 | 30 |
| | Same as #5 | 7:15 pm - 77°F<br>2.8 liters/min., 10 min.<br>Same conditions as #5 | 8 | 48 |
| | Front End Loader | 7:30 pm - 66°F<br>2.8 liters/min., 10 min.<br>Wind 30 mph northwest<br>Hauling from stockpile to 202 Hopper | 9 | 49 |
| | Same as #7 | 7:45 pm - 66°F<br>2.8 liters/min., 10 min.<br>Same wind condition<br>Hauling from stockpile to 202 Hopper 4-Min.<br>Leveling ore pile 6-Min. | 4 | 40 |

Continued.....

. Acosta
-31-70
3. 2.....

| SAMPLE | COMMENT | PARTICLE COUNT AVE. +5M | PARTICLE COUNT TOTAL |
|---|---|---|---|
| #9 Packaging Area (Above Change Room) | 9:20 pm - 70°F 2.8 liters/min., 10 min. | 2 | 26 |
| .0 Sames as #9 | 9:40 pm - 70°F 2.8 liters/min., 10 min. | 2 | 25 |
| .1 End of Bag Conveyor | 10:00 pm - 65°F 2.8 liters/min., 10 min. | 3 | 27 |
| .2 Same as #11 | 10:15 pm - 65°F 2.8 liters/min., 10 min. | 4 | 23 |
| June 28, 1970 | | | |
| 3 Filter Press Area | 4:35 pm - 82°F 2.8 liters/min., 10 min. | 2 | 22 |
| 4 Same as #13 | 4:50 pm - 82°F 2.8 liters/min., 10 min. | 1 | 19 |
| 5 Rock Fiber-Refiner | 5:10 pm - 84°F 2.8 liters/min., 10 min. | 3 | 19 |
| 6 Same as #15 | 5:25 pm - 84°F 2.8 liters/min., 10 min. | 2 | 18 |

G. Acosta
6-29-70

DUST SAMPLE

COMMENT: June 22, 1970 Weather-clear, wind 17 mph from Northwest 80°.
Collected by G. Acosta

| | SAMPLE | COMMENT | PARTICLE COUNT AVE. +5M | PARTICLE COUNT TOTAL |
|---|---|---|---|---|
| #1 | Packaging Area (Above Change Room) | 4:20 pm - 80°F<br>2.8 liters/min., 10 min.<br>North door open - bagging room door open<br>Bagging HPP | 1 | 37 |
| #2 | Same as #1 | 4:33 pm - 80°F<br>2.8 liters/min., 10 min. | 1 | 41 |
| #3 | Rock Fiber-Refiner (Mezzanine Area) | 5:00 pm - 81°F<br>2.8 liters/min., 10 min.<br>Both East doors open | 2 | 18 |
| #4 | Same as #3 | 9:30 pm - 75°F<br>2.8 liters/min., 10 min. | 1 | 11 |
| #5 | Front End Loader | 5:20 pm - 78°F<br>2.8 liters/min., 10 min.<br>Wind 20 mph Northwest<br>Hauling from stockpile to 202 Hopper<br>Both loader doors open | 1 | 41 |
| 6 | Same as #5 | 5:35 pm - 78°F<br>2.8 liters/min., 10 min.<br>Hauling from stockpile to 202 Hopper 5-min.<br>Leveling ore pile 5-min. | 8 | 51 |
| #7 | North Fence Line | 6:00 pm - 73°F<br>2.8 liters/min., 10 min.<br>Wind 25 mph Northwest | 1 | 10 |
| #8 | Same as #7 | 6:20 pm - 73°F<br>2.8 liters/min., 10 min. | 3 | 13 |
| #9 | South Fence Line | 6:45 pm - 70°F<br>2.8 liters/min., 10 min.<br>20 mph Northwest | 1 | 34 |

continued.....

| SAMPLE | COMMENT | PARTICLE COUNT AVE. +5M | PARTICLE COUNT TOTAL |
|---|---|---|---|
| #10 Same as #9 | 7:00 pm - 70°F<br>2.8 liters/min., 10 min. | 2 | 10 |
| COMMENTS: June 23, 1970 | All circuits running, collected by R. Bowman | | |
| #11 Filter Press Area | 9:50 pm - 79°F<br>2.8 liters/min., 10 min. | 1 | 13 |
| #12 Same as #11 | 10:15 pm - 79°F<br>2.8 liters/min., 10 min. | 1 | 24 |
| #13 Bagging Circuit (At Bagger Operators breathing zone) | 12:10 am - 60°F<br>2.8 liters/min., 10 min.<br>Bagging HPO<br>Wet dust return running.<br>Palletizer not operating. | 2 | 18 |
| #14 Same as #13 | 12:30 am - 60°F<br>2.8 liters/min., 10 min. | 5 | 20 |
| #15 End of Bag Conveyor | 12:50 am - 56°F<br>2.8 liters/min., 10 min.<br>Bagging HPO | 3 | 11 |
| 16 Same as #15 | 1:05 am - 56°F<br>2.8 liters/min., 10 min. | 3 | 13 |

'clg


Published by AsbestosClaims.Law
asbestosclaims.law/library/16536/12

(F) = FREON SAMPLER
(P) = PUMP of ELECTRIC

# LOCATION AREA

(1970) (PARTICLE COUNT AVE. +5 M

| SAMPLES | JAN Feb Mar APR MAY | JUNE JULY AUG | SEPT OCT NOV DEC. |
|---|---|---|---|
| MAIN PRODUCT → | HPO-T | SG-44 | HPO HPP SGO | HPP Yubesto |
| Bagger Operator (Breathing Zone) | 13.0 | 47.0 | 3.5 7.5 (F)/(P) 15.3/42.7 | 8.5 60.0 |
| Palletizer Area | 4.5 | 8.0 | (F)/(P) 6.3/6.7 | 3.0 15.0 |
| Rock. Fiber Refiner | 2.0 | 1.0 | 1.5 2.5 | 3.0 3.0 |
| Filter Press Area | | 2.0 | 1.0 1.5 | 8.0 3.0 |
| North fence Line | 1.0 | 2.0 | 2.0 1.0 (F)/(P) 0/1 | 1.5 2.5 |
| South fence Line | 1.0 | 1.0 | 1.5 1.0 (F)/(P) 1/0 | 2.5 2.0 |
| Packaging Area (above changing Room) | | 1.5 | 1.0 4.0 | 1.5 3.5 |
| Front end Loader | | 5.5 | 4.5 6.5 | 29.0 |
| END of Bag Conveyor | | | 3.0 3.5 | |
| Wet End of Operator | | | (F)/(P) 0/0 | |
| General Area | | | 6.7 | |
| RG-44 Bagger Operator (Breathing Zone) | | | 3.6 | |

Union Carbide trial exhibit UC-1401: Gabe Acosta to Paul W. McDaniel Transmitting King City Plant Dust Particle...
ACL Doc 16536 · Page 13 of 22
Published by AsbestosClaims.Law
asbestosclaims.law/library/16536/13

G. Acosta
1-27-70

DUST SAMPLE

COMMENT: January 27, 1970. Weather - clear, wind 35 mph from north.

| SAMPLE | COMMENT | PARTICLE COUNT AVE. +5M | PARTICLE COUNT TOTAL |
|---|---|---|---|
| #1 North Fence Line | 12:38 pm - 52°F<br>2.8 liters/min., 10 min.<br>Wind 35 mph from north, clear | 1 | 19 |
| #2 Same as #1 | 12:55 pm - 52°F<br>2.8 liters/min., 10 min.<br>Wind 35 mph from north, clear | 1 | 13 |
| #3 South Fence Line | 3:38 pm - 50°F<br>2.8 liters/min., 10 min.<br>Wind 40 mph from north, clear | 1 | 30 |
| #4 Same as #3 | 3:52 pm - 50°F<br>2.8 liters/min., 10 min.<br>Same conditions as #3 | 1 | 20 |
| Inside Conditions - palletizer in operation. Wet dust return not operating. Bagging HPO - T. West door open. | | | |
| #5 Palletizing Area | 4:25 pm - 64°F<br>2.8 liters/min., 10 min. | 4 | 173 |
| #6 Same as #5 | 4:45 pm - 64°F<br>2.8 liters./min., 10 min. | 5 | 227 |
| #7 Bagger Operator (at his breathing zone) | 5:10 pm - 65°F<br>2.8 liters/min., 10 min. | 9 | 167 |
| #8 Same as #7 | 5:35 pm - 65°F<br>2.8 liters/min., 10 min. | 17 | 209 |
| #9 Rock Fiber Refiner | 7:00 pm - 72°F<br>2.8 liters/min., 10 min.<br>All doors open<br>TiO2 being dumped into circuit next to refiner circuit. | 4 | 61 |
| #10 Same as #9 | 7:27 pm - 72°F<br>2.8 liters/min., 10 min.<br>Same conditions as #9 | 2 | 55 |


Published by AsbestosClaims.Law
asbestosclaims.law/library/16536/14

clg

G. Acosta
4-28-70

DUST SAMPLE

COMMENT: April 24, 1970. Weather - clear, wind 11 mph from north, 52°F.

| | SAMPLE | COMMENT | PARTICLE COUNT AVE. +5M | PARTICLE COUNT TOTAL |
|---|---|---|---|---|
| #1 | Rock Fiber-Refiner (Mezzanine Area) | 8:45 pm - 69°F<br>2.8 liters/min., 10 min.<br>Door to bagging room open | 1 | 52 |
| #2 | Same as #1 | 9:02 pm - 69°F<br>2.8 liters/min., 10 min.<br>Door to bagging room open | 1 | 54 |
| #3 | Filter Press Area | 9:20 pm - 70°F<br>2.8 liters/min., 10 min.<br>Door to R-G 244 bagging room closed | 2 | 21 |
| #4 | Same as #3 | 9:33 pm - 70°F<br>2.8 liters/min., 10 min.<br>Same conditions as #3 | 2 | 26 |
| #5 | Palletizing Area | 9:50 pm - 70°F<br>2.8 liters/min., 10 min.<br>West door closed, inside door open palletizer operating-bagging SG-144 with both mills & baggers-wet dust return working. | 9 | 55 |
| #6 | Same as #5 | 10:05 pm - 70°F<br>2.8 liters/min., 10 min.<br>Same conditions as #5 | 7 | 45 |
| #7 | Packaging Area (above changing room) | 11:05 pm - 69°F<br>2.8 liters/min., 10 min. | 2 | 28 |
| #8 | Same as #7 | 11:20 pm - 69°F<br>2.8 liters/min., 10 min. | 1 | 20 |

continued.....

COMMENTS: April 25, 1970.. Weather - clear, wind 35-40 mph from north, 66°F
All circuits operating.

| | SAMPLE | COMMENT | AVE. +5M | TOTAL |
|---|---|---|---|---|
| #9 | North Fence Line | 4:15 pm - 66°F<br>2.8 liters/min., 10 min.<br>Wind 35-40 mph from north<br>loading 2 trucks at truck dock | 3 | 19 |
| #10 | Same as #9 | 4:30 pm - 66°F<br>2.8 liters/min., 10 min.<br>Same conditions as #9 | 1 | 32 |
| #11 | Front End Loader | 5:15 pm - 62°F<br>2.8 liters/min., 10 min.<br>Wind 22 mph from north<br>Hauling from stockpile to #202 hopper | 7 | 137 |
| #12 | Same as #11 | 5:30 pm - 61°F<br>2.8 liters/min., 10 min.<br>Wind 22 mph from north | 4 | 104 |
| #13 | South Fence Line | 6:10 pm - 58°F<br>2.8 liters/min., 10 min.<br>Wind 20 mph from north | 1 | 10 |
| #14 | Same as #13 | 6:22 pm - 57°F<br>2.8 liters/min., 10 min.<br>Wind 20 mph from north | 1 | 25 |
| #15 | Bagging Room (at operators breathing zone) | 9:30 pm - 72°F<br>2.8 liters/min., 10 min.<br>Bagging SG-130, 4 broken bags using both mills & baggers wet dust return working. West door closed | 44 | 114 |
| #16 | Same as #15 | 9:50 pm - 72°F<br>2.8 liters/min., 10 min.<br>Same conditions as #15, only 1 broken bag | 50 | 144 |

/clg


Published by AsbestosClaims.Law
asbestosclaims.law/library/16536/16

DUST SAMPLES
August 1970

"F" - Freon Sampler)
"P" - Electric Pump) Samples were collected side by side at same time.

8-12-70

| | SAMPLE | COMMENT | | PARTICLE COUNT AVE. +5M | PARTICLE COUNT TOTAL |
|---|---|---|---|---|---|
| .F | Beside bagger Operator | 2.8 liters/min., 10 min. Bagging Standard Grade. Bag broke during sampling period. | 1st | 13 | 102 |
| | | | 2nd | 17 | 128 |
| | | | 3rd | 16 | 141 |
| .P | Same as #1F | 2.8 liters/min., 10 min. Same conditions as #1F | 1st | 20 | 197 |
| | | | 2nd | 22 | 185 |
| | | | 3rd | 26 | 211 |
| F | Around Palletizer | 2.8 liters/min., 10 min. Standard Grade Fiber | 1st | 9 | 66 |
| | | | 2nd | 5 | 49 |
| | | | 3rd | 5 | 41 |
| P | Same as #2F | 2.8 liters/min., 10 min. Same conditions as #2F | 1st | 6 | 62 |
| | | | 2nd | 4 | 44 |
| | | | 3rd | 10 | 51 |
| F | South Fence Line | 2.8 liters/min., 10 min. Variable winds, 0-6 MPH from West. | 1st | 1 | 25 |
| | | | 2nd | 0 | 15 |
| | | | 3rd | 1 | 21 |
| ? | Same as #3F | 2.8 liters/min., 10 min. Same conditions as #3F | 1st | 0 | 26 |
| | | | 2nd | 0 | 26 |
| | | | 3rd | 0 | 36 |
| ' | Wet End of Operation | 2.8 liters/min., 10 min. Operation down, but bagger operating. Doors to bagger area open. | 1st | 0 | 24 |
| | | | 2nd | 0 | 28 |
| | | | 3rd | 0 | 26 |
| ? | Same as #4F | 2.8 liters/min., 10 min. Same conditions as #4F | 1st | 0 | 34 |
| | | | 2nd | 0 | 39 |
| | | | 3rd | 0 | 43 |
| ' | North Fence (South edge of ponds) | 2.8 liters/min., 10 min. Wind from NW 10-18 MPH. | 1st | 0 | 29 |
| | | | 2nd | 0 | 25 |
| | | | 3rd | 0 | 33 |

continued.....

| | SAMPLE | COMMENT | | PARTICLE COUNT AVE. +5M | PARTICLE COUNT TOTAL |
|---|---|---|---|---|---|
| 5P | Same as #5F | 2.8 liters/min., 10 min. Same conditions as #5F | 1st | 1 | 25 |
| | | | 2nd | 1 | 34 |
| | | | 3rd | 0 | 23 |
| 6F | Beside Bagger operator | 2.8 liters/min., 10 min. Standard Grade Fiber | 1st | 14 | 119 |
| | | | 2nd | 11 | 153 |
| | | | 3rd | 10 | 141 |
| 6P | Same as #6F | 2.8 liters/min., 10 min. Same as conditions #6F | 1st | 16 | 111 |
| | | | 2nd | 9 | 96 |
| | | | 3rd | 10 | 126 |
| 7P | General area | 2.8 liters/min., 10 min. Outside building on south side during bagging Standard Grade fiber. | 1st | 7 | 55 |
| | | | 2nd | 5 | 44 |
| | | | 3rd | 8 | 53 |
| 8P | Sample Contaminated (Taken 8-13-70) | 2.8 liters/min., 10 min. Beside operator bagging RG 244 | | | |
| 9P | Beside bagging operator (taken 8-13-70) | 2.8 liters/min., 10 min. Bagging RG 244 | 1st | 3 | 23 |
| | | | 2nd | 2 | 18 |
| | | | 3rd | 6 | 91 |

-24-70

clg

DUST SAMPLES
September 1970

COMMENT: Sept. 21, 1970. Weather-Clear, wind 20 mph from North 88°F.

| | SAMPLE | COMMENT | PARTICLE COUNT AVE. +5M | PARTICLE COUNT TOTAL |
|---|---|---|---|---|
| #1 | North Fence Line | 2:25 pm - 88°F<br>2.8 liters/min., 10 min.<br>Wind 20 mph North | 1 | 15 |
| #2 | Same as #1 | 2:40 pm - 88°F<br>2.8 liters/min., 10 min.<br>Same conditions as #1 | 2 | 12 |
| #3 | South Fence Line | 3:15 pm - 86°F<br>2.8 liters/min., 10 min.<br>Wind 22 mph North | 2 | 13 |
| #4 | Same as #3 | 3:30 pm - 86°F<br>2.8 liters/min., 10 min.<br>Same conditions as #3 | 3 | 20 |
| #5 | Beside Bagger Operator (at his breathing zone) | 7:20 pm - 82°F<br>2.8 liters/min., 10 min.<br>Bagging HPP | 9 | 28 |
| #6 | Same as #5 | 8:00 pm - 82°F<br>2.8 liters/min., 10 min.<br>Same conditions as #5 | 8 | 37 |
| #7 | Palletizing Area | 8:20 pm - 70°F<br>2.8 liters/min., 10 min.<br>West & South doors open | 3 | 26 |
| #8 | Same as #7 | 8:40 pm - 74°F<br>2.8 liters/min., 10 min.<br>Same conditions as #7 | 3 | 15 |
| #9 | Packaging Area | 9:00 pm - 80°F<br>2.8 liters/min., 10 min. | 1 | 5 |
| #10 | Same as #9 | 9:15 pm - 80°F<br>2.8 liters/min., 10 min. | 2 | 10 |

continued.....


Published by AsbestosClaims.Law
asbestosclaims.law/library/16536/19

| | SAMPLE | COMMENT | PARTICLE COUNT AVE. + 5M | TOTAL |
|---|---|---|---|---|
| 1 | Filter Press Area | 11:05 pm - 80°F<br>2.8 liters/min., 10 min.<br>Mill making Standard Grade Product | 12 | 48 |
| 2 | Same as #11 | 11:20 pm - 80°F<br>2.8 liters/min., 10 min.<br>Same conditions as #11 | 4 | 33 |

COMMENT: Sept. 22, 1970. Weather-55°F, Wind 10 mph Northeast.

| | | | | |
|---|---|---|---|---|
| 3 | Rock Fiber & Refiner (Mezzanine Area) | 6:45 am - 66°F<br>2.8 liters/min., 10 min.<br>Mill making Standard Grade Product | 4 | 36 |
| 4 | Same as #13 | 7:04 am - 66°F<br>2.8 liters/min., 10 min.<br>Same conditions as #13 | 2 | 40 |
| 5 | Front End Loader | 7:20 am - 55°F<br>2.8 liters/min., 10 min.<br>Wind 10 mph Northeast | 28 | 131 |
| 6 | Same as #15 | 7:35 am - 55°F<br>2.8 liters/min., 10 min.<br>Same conditions as #15 | 30 | 124 |

DUST SAMPLES

October 1970

| SAMPLE | COMMENT | PARTICLE COUNT AVE. +5M | PARTICLE COUNT TOTAL |
|---|---|---|---|
| #1 North Fence Line | 2:30 pm - 66°F<br>2.8 liters/min., 10 min.<br>Wind 3 mph from North | 3 | m 13 |
| #2 Same as #1 | 2:45 pm - 66°F<br>2.8 liters/min., 10 min.<br>Same conditions as #1 | 2 | 16 |
| #3 South Fence Line | 3:10 pm - 68°F<br>2.8 liters/min., 10 min.<br>Wind 5 mph from North | 2 | 13 |
| #4 Same as #3 | 3:25 pm - 68°F<br>2.8 liters/min., 10 min.<br>Same conditions as #3 | 2 | 15 |
| #5 Rock Fiber & Refiner Mezzanine Area | 5:50 pm - 68°F<br>2.8 liters/min., 10 min.<br>Making Standard Grade Product<br>Both East Doors Open. | 4 | 21 |
| #6 Same as #5 | 6:05 pm - 68°F<br>2.8 liters/min., 10 min.<br>Same conditions as #5 | 2 | 21 |
| 7 Packaging Area | 6:25 pm - 68°F<br>2.8 liters/min., 10 min.<br>Bagging Room Door Open<br>North Door Open | 4 | 10 |
| 8 Same as #7 | 6:40 pm - 69°F<br>2.8 liters/min., 10 min.<br>Bagging Room Door Open<br>North Door Closed | 3 | 18 |
| 9 Filter Press Area | 7:50 pm - 70°F<br>2.8 liters/min., 10 min. | 4 | 28 |
| 0 Same as #9 | 8:05 pm - 70°F<br>2.8 liters/min., 10 min. | 2 | 15 |

Continued.....

October 1970
Dust Samples

| SAMPLE | COMMENT | PARTICLE COUNT AVE. +5M | PARTICLE COUNT TOTAL |
|---|---|---|---|
| #11 Palletizing Area | 8:20 pm - 64°F<br>2.8 liters/min., 10 min.<br>Bagging Visbestos with Both Baggers<br>Palletizer operating, inside door open,<br>South Door Open. | 20 | 78 |
| #12 Same as #11 | 8:35 pm - 64°F<br>2.8 liters/min., 10 min.<br>Same conditions as #11 | 10 | 40 |
| #13 At Bagger Operators Breathing Zone | 9:00 pm - 65°F<br>2.8 liters/min., 10 min.<br>Bagging Visbestos with both baggers<br>Palletizer & wet dust return operating<br>South Door Open. | 63 | 173 |
| #14 Same as #13 | 9:15 pm - 65°F<br>2.8 liters/min., 10 min.<br>Same conditions as #13 | 57 | 123 |

GA/clg
10-26-70