UC-1453-2

UNION CARBIDE

INTERNAL CORRESPONDENCE

File Dust Samplings

MINING AND METALS DIVISION

P. O. BOX 1049, GRAND JUNCTION, COLORADO 81501

To (Name) Messrs. F. H. Larrison
Company P. W. McDaniel
Location H. F. Reichard
W. C. Thurber
Dr. J. J. Welsh

Date August 23, 1974

Originating Dept.

Answering letter date

Copy to

Subject Asbestos Dust Sampling and Record Keeping

Gentlemen:

My letter of June 13, 1974 proposed a sampling and record keeping program considerably greater than currently being employed at King City. Paul McDaniel has verbally suggested modifications and Larry has specified the amount of time he estimates would be needed (Larrison's letter of June 26, 1974). No conclusion has been reached. Several of us feel we need to get together and discuss the subject and decide on what action to take.

Four of us (Larrison, Reichard, Thurber and Piersall) will be at King City on October 16 and 17 for a safety audit. Paul and I feel this would be a good time to discuss this if McDaniel and Welsh can arrange to be there at that time. I will contact each of you by phone in the next few days and get your feelings on this suggestion.

Yours very truly,

EAPiersall/jo

1974

PLAINTIFF'S EXHIBIT
tabbies
UC-1554

UC 149-2

UNION CARBIDE

INTERNAL CORRESPONDENCE

MINING AND METALS DIVISION • P. O. BOX K, KING CITY, CALIFORNIA 93930

To (Name) E. A. Piersall
Division Mining & Metals
Location Grand Junction

Date June 26, 1974

Originating Dept.

Answering letter date June 13, 1974

Copy to Messrs. J. F. Emerson
E. B. Guthrie
P. W. McDaniel
H. F. Reichard
W. C. Thurber

Subject Asbestos Dust-Exposure Records

Dear Ernie:

The program you have outlined can be accomplished by the addition of one employee at King City. It is my opinion that a total of 20 samples, 10 personal samples and 10 area samples, would be required monthly to determine meaningful exposure amounts. Using two samplers, I estimate that sampling time would be 50 to 60 hours, counting time would be another 60 to 70 hours, and paperwork involved for recording exposures and transmittal to IBM would be 20 to 30 hours for a total of approximately 145 hours/month.

Possibly the employee doing the sampling would have time to tabulate exposures for the past two years. No one on the payroll at this time has time to do this. One way or the other, this will take additional help. I'm sure a satisfactory method for recording etc., can be worked out.

I have talked to Paul McDaniel about the above conclusions and he agrees with my thinking as it pertains to your program. However, Paul feels that this is a much more extensive program than is needed or indicated at this time. He suggests that a meeting be held to firm up what is needed in this respoect and that a UCC doctor be included in the meeting. A doctor's opinion is pertinent to the exposure program needs. Additional meeting items should be: establishment of guidelines for Lung Function Test limits in hiring, and procedures to be followed when Lung Function Test and X-Ray results indicate possible problems for employees during annual physicals.

A tabulation of the sample program each month as I see it follows:

Sample Type - Personal (Weighted composites)	Sample-Hours	No. Samples
1. Shipping Op.-Moving product from Mill Bldg to stg. area	6	12
2. Loading Boxcar	2	4

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Sample Type - Personal (Weighted composites)	Sample-Hours	No. Samples
3. Operating Dozer-Ore pile	2	4
4. Operating Self-propelled loader-tailings tramming	6	12
5. Outside Operator-Total Job	6	12
6. RG-244 Bagger Operator-Total Job	6	12
7. Bagger Operator-Main Plant	6	12
8. Palletizer Operator-Main Plant	6	12
9. Cleaning Live Bottom Bin-Duration of Job	1	4
10. Cleaning Ore Stg. Bin-Duration of Job	2	4
Sample Type - Area (Weighted composites)		
11. Rock Fiber Area	4	4
12. Filter Press Area	4	4
13. Shop-Warehouse Area	4	4
14. Laboratory	4	4
15. Upper Office Area	4	4
16. Lower Office Area	4	4
17. Dryer-Main Plant	4	8
18. RG-244 Ppt. Area	4	4
19. Product Stg. Area	4	4
20. South Area-Air Bldg. Area	4	4
Totals	83	*132

*Twenty five minutes is estimated to read each sample.

Other samples that would have to be checked periodically would be exposure levels during hand loading of box cars and hand loading of containers. These should be fairly constant.

The time alloted for each sample would be so arranged that approximately ½ was while wind was blowing and ½ was while wind was not blowing. Area samples would be taken while moving around the area.

Floyd H. Larrison, Jr.

/cll