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UNION CARBIDE

INTERNAL CORRESPONDENCE

PLAINTIFF'S EXHIBIT
UC-882

MINING AND METALS DIVISION

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

To (Name) Mr. Paul McDaniels, 4th Floor
Division Medical Department
Location New York, New York

Date December 3, 1974

Originating Dept.

Answering letter date

Subject Air Samples, November, 1974

Copy to Messrs: R. J. Kronkhyte
F. H. Larrison, Jr.
W. C. Thurber

Personal air samples taken for November, 1974.

Subject	Job Classification	Average Sampling Time	Time Weighted Average +5 Micron/Ml.
Daniel Garnica	Palletizer-Bagger Operator	30 min.	4.80
George Navarro	RG-244 Bagger Operator	30 min.	1.51
Jim Stanford	RG-244 Wet Circuit Operator	60 min.	0.86
George Larson	Mechanic	60 min.	1.12

Area air samples:

Location	Average Sampling Time	Time Weighted Average +5 Micron/Ml.
Lower Office	60 min.	0.49

Air samples - 11-25-74
Area: RG-244 Bagging Room
Subject: George Navarro
Conditions: 1) Accumulated materials on the floor due to blown bags before the start of sampling.
2) Bagging RG-244.
3) Doors open.

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Air Samples - 11-25-74
Area: RG-244 Bagging Room (Continued)

Time	Work Performed	Average +5 Micron/Ml.
9:45 A.M. - 10:15 A.M.	1) Bagging RG-244	1.41
10:15 A.M. - 10:45 A.M.	2) Occasionally cleans the area	1.41
10:45 A.M. - 11:15 A.M.		1.21
11:15 A.M. - 11:45 A.M.		1.39
12:40 P.M. - 1:10 P.M.		1.82
1:10 P.M. - 1:40 P.M.		1.59
1:40 P.M. - 2:10 P.M.		1.44
2:10 P.M. - 2:40 P.M.		1.82
	Weighted Ave. =	1.51

Air Samples - 11-25-74
Area: Main Bagging Room
Subject: Daniel Garnica - Palletizer and Bagger Operator
Conditions: 1) Bagging SG-102 and SG-210.
2) Handstacking bagged products.
3) West door open.
4) Light-forklift traffic.
5) Material fines all over bagger operator's area.

Time	Work Performed	Average +5 Micron/Ml.
10:12 A.M. - 10:42 A.M.	Bagging product	7.69
10:42 A.M. - 11:12 A.M.	" "	5.18
11:12 A.M. - 11:42 A.M.	" "	8.15
12:33 P.M. - 1:03 P.M.	Handstacking pallet; driving forklift	5.21
1:03 P.M. - 1:32 P.M.	" " " "	4.18
1:32 P.M. - 2:02 P.M.	" " " "	2.59
2:02 P.M. - 2:32 P.M.	Bagging SG-210	2.83
2:32 P.M. - 3:02 P.M.	" "	2.59
	Weighted Ave. =	4.80

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Air Samples - 11-26-74
Area: RG-244 Wet Circuit
Subject: Jim Stanford
Conditions: 1) Full operations.
2) Construction crew working in the area.

Time	Work Performed	Average +5 Micron/Ml.
9:00 A.M. - 9:35 A.M.	Working in the area, occasionally brings a sample to the lab.	0.88
9:35 A.M. - 10:35 A.M.	Same as above.	0.56
10:35 A.M. - 11:35 A.M.	" " "	0.74
11:35 A.M. - 12:35 P.M.	" " "	1.35
1:30 P.M. - 2:30 P.M.	" " "	0.92
2:30 P.M. - 3:30 P.M.	" " "	0.73
	Weighted Ave. =	0.86

Air Samples - 11-26-74
Area: Maintenance and mill area
Subject: George Larson - Mechanic
Conditions: 1) Moves from maintenance building area to mill area.

Time	Work Performed	Average +5 Micron/Ml.
10:25 A.M. - 11:25 A.M.	Working in shop area and main bagging room.	1.24
11:25 A.M. - 12:25 P.M.	Working in shop area. Had lunch break for 30 min.	1.02
12:30 P.M. - 1:30 P.M.	Working in shop area and Rock-Fiber Circuit.	1.09
1:30 P.M. - 2:30 P.M.	Working in Rock-Fiber Circuit.	*
2:30 P.M. - 3:30 P.M.	" " " "	1.15
	Weighted Ave. =	1.12

* Sample was heavily tarnished by welding smoke.

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Air Samples - 11-27-74
Area: Lower Office
Subject: Area samples
Conditions: 1) Routine office work.
2) Movement of people in and out of the area.

Time	Average +5 Micron/Ml.
9:11 A.M. - 10:11 A.M.	0.72
10:11 A.M. - 11:11 A.M.	0.58
11:11 A.M. - 12:11 P.M.	0.41
12:11 P.M. - 1:11 P.M.	0.27
1:11 P.M. - 2:11 P.M.	0.48
Weighted Ave. =	0.49

E. C. Madlangbayan
Quality Control Supervisor

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