UNION CARBIDE

Mr. R. P. Wooldridge
Linde Division
Speedway Factory
4801 West 16th Street
Indianapolis, Indiana 46224

November 13, 1974

Medical Department

Mr. J. E. Bertrand
Mr. H. L. Phillips
Mr. L. G. Seulter
Mr. R. M. Neary
Dr. J. J. Welsh
Dr. K. S. Lane

Dear Mr. Wooldridge:

The ten samples taken during October that you forwarded for evaluation have been examined using phase contrast microscopy with the following results:

	Asbestos - Fibers per ml $\geq$ 5 microns
1 - On operator cutting cylinder open	1
2 - On operator cutting blocks of filler	1
3 - Lance out room	0
4 - On operator asbestos shredder room	1
5 - New shredder room - general area	1
6 - Top of mix tank during shredding	0
7 - On operator - valve well drilling	1
8 - On operator - Top clearance inspection	1
9 - General area - walk around Dep't. 511	$<$1
10- General air - Top of power cabinet	$<$1

I believe that samples can be collected on a quarterly basis now. If, however, something occurs that indicates possible high dust conditions, then they should be sampled at that time.

Very truly yours,

A21688

L. J. LaFrance
Industrial Hygienist

LJL/eg

UC 149.2

UNION CARBIDE

INTERNAL CORRESPONDENCE

LINDE DIVISION • SPEEDWAY FACTORY 4801 WEST 16th STREET, SPEEDWAY, INDIANAPOLIS, INDIANA 46224

To (Name)
Division
Location

Mr. L. J. LaFrance
Linde Division
Medical Dept. 4th Floor
New York, New York

Date: November 4, 1974

Originating Dept.: Acetylene Cylinder Quality Assurance

Answering letter date:

Copy to: Mr. J. E. Bertrand
Mr. H. L. Phillips
Mr. L. G. Suelter

Subject: Air Samples - October

Ten air samples were taken for the month of October at various work stations throughout the Acetylene Cylinder Operations. The attached summary outlines the locations and other pertinent data. If the results are approximately the same as August and September, I recommend that we collect samples on a quarterly basis. If you have any questions or comments, please let me know.

R. P. Wooldridge

RPW:nkl

Attachments

A21689

A2169C

MONTHLY AIR SAMPLES

MONTH: OCTOBER
YEAR: 1974

SAMPLE LOCATION	DATE	TIME	TIME INTERVAL	FLOW RATE LITER/MIN.	CONDITIONS
1 CUTTING CYLINDER OPEN	11-4-74	9:15	15 MIN	1	PLACED ON OPERATOR CUTTING WQ LENGTHWISE
2 CUTTING BLOCKS OF FILLER	11-4-74	9:30	5 MIN	1	PLACED ON OPERATOR EXCEEDINGLY DUSTY OPERATION
3 LANCE-OUT ROOM	10-28-74	12:30	15 MIN	1	NORMAL OPERATION
4 ASBESTOS SHREDDER ROOM	10-29-74	10:30	10 MIN	1	PLACED ON OPERATOR BLOWER WORKING
5 NEW SHREDDER ROOM GENERAL AREA	10-31-74	3:30	10 MIN	1	BLOWER WORKING
6 TOP OF MIX TANK	10-28-74	8:30	15 MIN	1	DURING SHREDDING OPERATION
7 VALVE WELL DRILLING OPERATION	10-31-74	8:00	15 MIN	1	PLACED ON OPERATOR - WS CYL. INCLUDES REMOVING AUTOCLAVE FITTINGS AND DRILLING WELLS
8 TOP CLEARANCE INSPECTION STATION	10-16-74	9:30	10 MIN	1	PLACED ON OPERATOR UNDERCUTTING SKID OF MC's
9 GENERAL AREA - WALK AROUND DEPT. 511	10-23-74	2:30	30 MIN	1	NORMAL OPERATIONS.
10 GENERAL AIR TOP OF POWER CABINET	10-25-74	3:00	30 MIN	1	NORMAL OPERATIONS
					L. Pollert

UDC 009397

FORM DATE: 10/4/74

1 — 1

2 — 1

3 — 0

4 — 1

5 — 1

6 — 0

7 — 1

8 — 1

9 — <1

10 — <1

A21691