WU-0039 #66

UNION CARBIDE INTERNAL CORRESPONDENCE

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CHEMICALS AND PLASTICS • P. O. BOX 8361, SOUTH CHARLESTON, WEST VIRGINIA 25303

To (Name) Mr. H. L. Reveal
Division Building 202-1
Location South Charleston Plant

Date October 3, 1979

Originating Dept. Technical Center IH/EP

Subject Asbestos - Stripping Old Insulation

Copy to Mr. J. R. Hall
Mr. G. F. Hurley
Mr. B. Y. Lett
Mr. H. L. Robinson
Mr. J. K. Smith
Mr. W. C. Young

PROJECT

Survey for asbestos exposure of Construction insulators and laborers stripping insulation from a 4" by 1200' polyol filling line.

DATE OF SURVEY

September 25 and 27, 1979

SUMMARY

Good work practices and proper demolition procedures kept the exposure to asbestos fibers to a minimum. The work is continuing along the back channel of the South Charleston Plant and will terminate at the Tank Car Loading Rack on the mainland near the Automated Warehouse.

DISCUSSION

Construction insulators are in the process of removing 1200 feet of insulation from a four-inch polyol filling line which is located on the south side of the Island Polyol Complex. This line when refurbished will enable the Shipping Department to load rail cars from the Polyol Unit.

The old insulation was wet down with water as much as possible and every precaution to reduce asbestos exposure to employees was

followed. These precautions include approved disposable dust respirators, coveralls, gloves, and bagging and labeling of stripped insulation for landfill.

The Technical Center Industrial Hygiene/Environmental Protection Department sampled the laborers who were bagging the stripped insulation in the morning of September 25 and the insulators dismantling old unibestos-type insulation on the 27th. The results of the sampling are presented below. Also included in the sampling was a truck driver hired by an outside contractor to haul the stripped insulation to the landfill area.

Additional monitoring will be necessary to maintain compliance with the asbestos standard. The Technical Center Industrial Hygiene/Environmental Protection Department will continue to monitor this stripping job.

DATA

Date	Personnel	Time	Air Sample Liters	Exposure Fibers/cc > 5 μm
9/25/79	[redacted]	0938-1029	102	0.38
↓	[redacted]	0947-1058	142	0.13
9/27/79	[redacted]	0830-0911	82	0.80
↓	[redacted]	0830-0911	82	1.10
↓	[redacted]	0834-0910	72	0.80

*Henson Trucking Company employee.

REFERENCES

Volume 38C-29X4-R1a Asbestos Dust Determination by Membrane Filter Technique Using Phase Contrast Microscopy

REPORT PREPARED BY

G. W. Bott
Technical Center Industrial Hygiene Department

G. W. Bott

APPROVED BY

George Hurley

G. F. Hurley

GWB/sc