

Mr. C. G. Roth, Manager
Kentucky Truck Plant

April 6, 1977

cc C. E. Allen, Jr., M.D.
W. L. Hall
J. G. Henry
J. Holliday

Subject: Asbestos Exposures - D-Mag Area

On March 3, 1977 an industrial hygiene survey was conducted in the D-Mag area of the Kentucky Truck Plant to determine if any employee is exposed to asbestos. The survey was initiated by Mr. J. Holliday after he determined that a small portion of an asbestos spray insulation covering had been damaged resulting in asbestos particles settling in several storage bins.

The attached data sheet indicates that no asbestos is being emitted into the air from the damaged insulation areas and the exposure resulting from employee movement in the area is minimal. Based on insulation condition and sampling results, it is unlikely that any employee was or is exposed to levels of asbestos in the D-Mag area which could be considered unhealthy.

It was determined that the insulation damage resulting in asbestos particulate emissions was caused by storing packages in bins not protected with metal screen guards. To prevent any further insulation damage, those few areas without screens should have screens installed immediately. To prevent any airborne emissions of asbestos from flaking insulation due to age, the Industrial Hygiene Section agrees with Mr. Holliday's suggestion to spray the entire insulation area with a sealant spray coating such as a coat of paint.

Sheldon H. Rabinovitz
Senior Industrial Hygienist
Industrial Hygiene Section
Employee Health Services Department

SHR/ms
Attachment

8005 0509

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SCF-FORD-1408

Data Sheet
March 3, 1977
Kentucky Truck Plant

Permitted OSHA* eight hour time-weighted average exposure for asbestos..... 2 Fibers (*greater than 5 microns in length) per cubic centimeter

Location & Remarks

Concentration
Fibers (>5u in length/cc)

Employee Nokes, SS #3164, at D-Mag, Row 1A storing and retrieving stock

0.1

Source sample --- D-Mag Row 1A south end next to torn asbestos insulation

< 0.01

" " " " " north " " " " " "

< 0.01

*Federal Register, Volume 37, No. 202, 1910.93A

Sampling: Air was drawn through a three-piece open face cassette by means of a precalibrated Bendix Model BDX-41

Analysis: Phase contrast asbestos analysis performed by Clayton Environmental Associates

Data Retrieval Nos: SHR 164-166

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