

FILE NAME: Goodyear (GY)

DATE: 1972 Sept 5

DOC#: GY091

DOCUMENT DESCRIPTION: Consultant Inspection Report RE Asbestos
Hazard

THE OSBORN ENGINEERING COMPANY

566 EUCLID AVENUE • CLEVELAND, OHIO 44114

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September 5, 1972

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The Goodyear Tire & Rubber Company
1144 East Market Street
Akron, Ohio 44316

Attention: Mr. Steve Bodnar
Dept. 110/D

Re: Asbestos Hazard

Dear Steve:

Mr. Webber of American Air Filter and I made an inspection of the asbestos operation last Friday to determine a means of limiting the asbestos contamination to meet Federal requirements.

Proposed standard would limit occupational exposure to 8-hour time-weighted average (TWA) airborne concentrations of asbestos dust not exceeding five fibers longer than five micrometers per milliliter. In all probability, allowable concentrations will be further limited in the near future.

Our inspection indicates the present operation to be exceedingly dirty with asbestos flakes the size of snow flakes drifting through the air in great concentrations.

To achieve anywhere near acceptable concentrations, drastic changes will be required in equipment, methods and housekeeping.

The present fluffer is extremely dirty and requires much direct contact by the operator with the asbestos to open the bags, separate the material by hand prior to fluffing and leveling of the material in the bin with a stick.

Transporting fluffed material in an open bin allows the slightest draft to cause particles to become air borne.

Moving material from the bin to boxes with a shovel also causes many air borne particles.

The weighing operation consists of adding or removing material by hand from open containers in the mixing room with high air movement.

Many forming, grinding and similar operations are performed in areas of high air movement with the dust being picked up by the air stream.

The level of housekeeping is such that most surfaces are covered with dust that will become air borne with any movement of air.

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To: The Goodyear Tire & Rubber Company

The Goodyear Tire & Rubber Company
1114 East 12th Street
Akron, Ohio 44316

Materials collected on the outside surfaces of the dust collection bags are blown into the atmosphere each time the dust collector is started.

To achieve a reasonable concentration:

1. All equipment should be reviewed to limit emissions.

2. Materials must be handled in closed containers.

All transferring of materials, mixing, grinding, etc. must be done in enclosures with dust controlled atmosphere.

Housekeeping must be improved to keep areas free of settled dust.

Dust collecting equipment should be located outside the area to limit re-entry of the particles into the space.

Please review the above and advise what action you would like us to take.

Very truly yours,

THE OSBORN ENGINEERING COMPANY

S. R. Shilling

G. R. Shilling

GRS:mhs

cc: J.C. Woodling

C.I. Zimmerman

R.M. Drbal

J.L. Borton

R.P. Bauer

THE OSBORN ENGINEERING COMPANY

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