

FILE NAME: Goodyear (GY)

DATE: 1959 Mar 24

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March 24, 1959

Medical Department
Bureau of Workmen's Compensation
Columbus, Ohio

6883
Re: O. D. 6906-

~~James Brooks~~, deceased
Curtis Vaughan

Gentlemen:

On March 19 a visit was made to the Goodyear Tire & Rubber Company, Akron to check conditions under which the above named decedent had worked. The company manufactures rubber tires and allied products.

The decedent was employed 4/8/25 and worked off and on to 1/17/58. Among the jobs which he did are the following: heater in connection with curing tires, trucking tires, bringing stock to tire builders, removing flashes from and inspecting tires, changes rolls on stock racks, brushing and cleaning white sidewall tires, tightening and adapting inflated tires.

From 8/17/56 to 1/17/58 he was a utility man and his chief job was servicing timing devices in the plant. For a short period of time from 4/10/57 to October 1957 he was engaged in serial washing on an experimental basis. This consisted of washing in gasoline the small metal plates that contain the tire numbers. He then washed a plastic strip with methyl ethyl ketone and placed the metal numbers on the plastic strip.

A sample was taken in the breathing zone of an employee dipping the metal plates in gasoline. The concentration of gasoline vapors in the breathing zone of the employee was 0 parts per million—too low for the instrument to measure. Another sample was taken in the breathing zone of an employee applying methyl ethyl ketone to the plastic materials. Thirty-five parts per million of methyl ethyl ketone was found. It is conceivable that the quantity of vapors could build up over a period of time. The decedent spent not over 10% of his time doing this work. He worked in a room approximately 20' x 10' x 30'. In summer time the windows of this room, which windows are located on 2 sides of the room, could be opened. It will be observed that the time spent in here was during the warmer part of the year.

The company has no such solvent as Butane which is mentioned in this file.

Very truly yours,

W. J.
DENITT HUFFMAN
Industrial Hygiene Engineer

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