



DIVISION OF SAFETY AND HYGIENE
THE INDUSTRIAL COMMISSION OF OHIO
700 West Third Avenue, Columbus, Ohio 43212
469-3386 469-2870

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"Set Your Sails For Safety"

February 2, 1967

FILE MEMO

PLAINTIFF'S
EXHIBIT
BRK-141

Re: Fisher Body Division
General Motors Corporation
Cleveland Plant
E. 140th St. & Coit Rd.
Cleveland, Ohio

1. On January 17, 1967 a visit was made by the writer to the subject company. The visit was made for the purpose of returning air sampling bottles which had been forwarded to the Columbus office for dust concentration determinations. Two of the bottles had been broken in transit.
2. Mr. Allen Bateman was contacted at the plant.
3. At this location the company manufactures component parts for automobile bodies.
4. Five tubes had been received in a small wooden box. Styrofoam had been cut to snugly fit the inside of the box. Six holes had been drilled in the styrofoam to receive the bottles. The rubber stoppers with hollow center tubes had been left in the bottles. The center tubes and side outlet of the bottles were capped. It was difficult to understand how bottles so well backed could have broken.

After examination and discussion with Mr. Bateman it was decided that the breaks were due to jarring of the container which caused the spacer lugs on the center tube to strike the wall of the bottle with sufficient force to shatter the glass. It was suggested that in the future the center tubes be left out of the bottles. A solid rubber stopper should be substituted for the stopper used when air samples are taken.

5. Results of the dust determinations were unsatisfactory. A blank of the alcohol used to collect the samples indicated an average dust concentration of 4.04 mppcf for two slides.

In returning the bottles, alcohol from the Division laboratory was included in sufficient quantity for a number of samples.

6. Mr. Bateman conducted the writer to the location where the samples

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Cleveland, Ohio
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Office Memo

had been taken. The air sampled was not for dust generated by a production process per se. Workers had complained about dust from a revolving wire brush in a fixed location on a conveyor line. The brush cleans the conveyor line chain. The conveyor line extends through much of the plant, carrying various parts from one location to another. Accumulation on the chain would contain material from a number of different operations in the plant.

Albert E. Scheibis, P.E.
Safety Engineer

AES:hw



FISHER BODY DIVISION

GENERAL MOTORS CORPORATION

CLEVELAND PLANT

E. 140TH ST. AND COIT RD.

CLEVELAND, OHIO 44110

451-4200

January 3, 1967

SUBJECT: DUST COUNT
FROM: A. A. Havlena
TO: DeWitt Huffman

Will you please perform dust counts on the accompanied
midget impinger samples. The samples were taken with a M.S.A.
Monitaire Sampler using isopropyl alcohol (sample number one is a blank)
as the collecting agent. The samples were taken at a rate of 0.1 cfm
for a period of 10 minutes. Please return sample tubes in the shipping
case provided and the report of the dust counts of all six samples to:

D. Allen Bateman ✓
Fisher Body Div. of G.M.C.
Cleveland Plant
Engineering Section
East 140th Street and Coit Road
Cleveland, Ohio 44110

DNS:car

A.A. Havlena
A.A. Havlena
Senior Production Engineer

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CERTIFICATE OF AUTHENTICITY

I certify that the microphotographics on this roll of film or microfiche are true and accurate reproductions of records generated by or received by the Ohio Bureau of Workers' Compensation, an agency of the State of Ohio, as required by Ohio Revised Code Section 4123.52 and Section 9.01 which require optimum protection from hazards of accidental destruction of records.

It is further certified that the photographic processes used for microfilming the above records were accomplished in a manner and on microfilm which meets the requirements of the National Bureau of Standards for permanent photographic copy.

William D. Kaye
Supervisor, Microfilming Unit

Date Filmed: 1-3-85

By: John Frey
(Camera Operator)

BWC-6226 (11/82)
RS-25

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