



Inter Office

Personnel and Organization Staff

24 January 1984

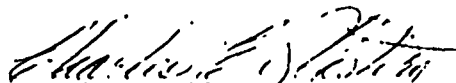
Mr. W. Cholewka, Safety Engineer
Mt. Clemens Paint Plant

cc H. Budesky
R. Elliott

Subject: BULK ASBESTOS ANALYSIS

As requested, the samples which you submitted were analyzed for asbestos. Purpose of this analysis was to respond to management concern over the composition of materials found at the plant. These samples are of insulation material used on a 5 M thin tank. Results, as shown on the attached data sheet, indicate that two samples contain significant amounts of asbestos.

Excessive exposure to airborne asbestos fiber and dust can present serious adverse health effects many years after exposure. These include asbestosis, which can be a seriously disabling and progressively obstructive lung disease, and cancer of the respiratory and gastrointestinal tracts and of the chest and abdominal cavities. Steps must be taken to assure that employees with potential exposure to asbestos fiber are aware of these health effects and that proper precautions are taken to eliminate asbestos fiber inhalation. These include use of effective respirators, wet methods of dust suppression, vacuuming with approved vacuum cleaners, and good local exhaust ventilation.


Charles E. Plasters
Industrial Hygiene Associate
Industrial Hygiene Section
Employee Health Services

jb
Attachment

Reference Industrial Hygiene Bulletins 4, 4a and 4b.

SCF-FORD-3438

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CENTRAL LABORATORY SERVICES

LABORATORY INVESTIGATION REPORT

FN 040

305685

NUMBER

January 12, 1984

TO: L. Latorre

OBJECT: Determine if asbestos is present and if present identify and quantify.

CONCLUSION: The five (5) samples were identified as #83-2534 thru #83-2538; of the two (2), two contained asbestos at levels greater than 1%.

TEST DATA:

<u>Sample #</u>	<u>Asbestos % and Type</u>	<u>Fiberglass⁽¹⁾</u>	<u>Friability</u>	<u>Balance-Other Components</u>
33-2534	ND	present	moderate	Mortar, and traces of quartz and paper fibers
33-2535	ND	present	moderate	Mortar and traces of quartz.
33-2536	ND	present	moderate	Mortar, mineral granules, traces of quartz.
33-2537	60% chrysotile	7%	low	Paint and plaster layer; mortar mineral granules; quartz.
33-2538	60% chrysotile	3%	low	Paint and plaster layer; mortar, mineral granules; quartz.

ND - none detected, detection limit 1%.

(1) Fiberglass: including fiberglass, mineral wool, and slag wool.

Test Method: Interim Method for The Determination of Asbestos in Bulk Insulation Samples. U.S. EPA December, 1982.

3057 3743

by

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JHB/pk

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