



Inter Office

Personnel and Organization Staff

December 8, 1981

Mr. J. A. Hudson, Manager
Dearborn Glass Plant

cc R. Kuhn P. B. Paxton
M. S. Lechner, M.D. R. Smith

Subject: Industrial Hygiene Survey - Asbestos Analysis

Reference: Glass Plant Storage Memo - November 18, 1981

Per the request of Mr. R. Smith, three bulk insulation samples from the Glass Plant storage area in the AAD warehouse were submitted to Clayton Environmental Consultants. These samples were analyzed for the presence of asbestos using the exhaustive technique of X-ray diffraction.

The results indicate the following:

<u>Sample Description</u>	<u>Asbestos Contamination (%)</u>
Pipe insulation, east side, main ramp, Col L6	1 - 2% Chrysotile 6% Amosite
Pipe insulation Col J10	18-20% Chrysotile No other forms detected
Pipe insulation Col B-19 Found on floor	8% Chrysotile No other forms detected

This material, used as insulation covering pipe, does not pose a significant inhalation hazard to employees working in the area unless there is actual cutting or ripping of the material as would typically occur during maintenance activities. As with any work performed on insulation containing asbestos, proper precaution should be taken in accordance with OSHA regulation 29 CFR 1910.1001. These precautions include:

- . Wearing impervious, disposable clothing
- . Wearing Corporate-approved respirators
- . Special changing and decontamination areas
- . Proper housekeeping and maintenance procedures such as wet methods and vacuum cleaning
- . Visible caution signs and labels
- . Proper disposal methods such as collecting waste materials in impermeable, clearly labeled bags
- . Medical surveillance of employees exposed above 0.1 fiber/cc.

If there are further questions, please contact me on 33-78955.

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