



Inter Office

Personnel and Organization Staff

January 28, 1982

J. Fisher
Manufacturing Staff
Room 525, WHQ

cc H. Budesky

Subject: Asbestos

The two samples that you submitted from Mt. Clemens Vinyl Plant were analyzed for asbestos content in the Industrial Hygiene Laboratory. The test method was a qualitative procedure that indicates the definite absence of asbestos at concentrations greater than 1% or the possible presence of asbestos greater than 1%. Tests on both samples were positive for the presence of asbestos. Confirmation tests by X-ray diffraction analysis would have to be done at a commercial industrial hygiene laboratory.

Both samples were tested for their loss of ignition at 900°C. The black sample lost 33.5% on ignition and the gray sample lost 25.2% on ignition.

Test results indicate asbestos concentrations approximating 70% in both samples. Presence of fibrous material in both samples suggests a high concentration of asbestos, however, the fibers appear to be tightly bound and release of dust from these materials would be unlikely if wet methods of dust suppression are used during any cutting and scoring of the tiles.

Roger Wabeke, Supervisor
Industrial Hygiene Services Section

RLW/dt

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