

FILE NAME: Allied Signal Bendix (ASB)

DATE: 1966 Oct 14

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DOCUMENT DESCRIPTION: PA Dept of Health Inspection - Fibrous Glass Concentrations with Cover Letter

29 Chestnut Street
Lewistown, Pennsylvania
October 14, 1966

Bendix Corporation
Lincoln Highway East
York, Pennsylvania

Attention: Mr. W. D. Cowan
Director of Industrial Relations

Gentlemen:

Mr. Frederick Miller, industrial hygienist of this Division evaluated employees' exposure to fibrous glass dust in your printed circuit board department on 26 May and on 21 September 1966. The survey was conducted at the request of Mr. Lewis Harro, superintendent of manufacturing.

Samples of the work atmosphere in the breathing zone of the workers were collected on pre-weighed membrane filters and the final weight was determined in terms of fibrous glass dust.

The results are given in the attached table. They indicate that employees' exposure to fibrous glass dust is less than the tentative threshold limit value of 5 milligrams per cubic meter of air.

We enclose a copy of dust exposures and a copy of Article 432, as amended.

Thank you for your cooperation in enabling this survey to be conducted.

Very truly yours,

R. L. Williams
Regional Industrial Hygienist

HLW:fw

Enclosures

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Department of Health
DIVISION OF OCCUPATIONAL HEALTH

Fibrous Glass Dust Concentrations

Bendix Corporation
Lincoln Highway East
York, Pennsylvania

Location	Fibrous glass dust* (milligrams per cubic meter of air)	Remarks
Printed Circuit Board Department		
<u>Single spindle drill press</u>	0.71	Drilling fibrous glass board
<u>Triple spindle drill press</u>	0.57 0.49	Drilling paper board
<u>Four spindle drill press</u>	0.67 0.32	Drilling fibrous glass board

* Tentative threshold limit value: 5 milligrams per cubic meter of air, based on an eight-hour working day.

Survey by:

F. C. Miller
Industrial Hygienist II