

FILE NAME: Allied Signal Bendix (ASB)

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October 14, 1966

SUBJECT Bendix Corporation
Lincoln Highway East
York, Pennsylvania

TO E. J. Baier, Chief
Industrial Hygiene Section

FROM F. C. Miller
Industrial Hygienist
Region V

Thru: Regional Industrial
Hygienist

This survey was conducted 26 May and 21 September 1966. It was originally requested by Mr. Lewis Wawro, superintendent of manufacturing.

Printed circuit boards reinforced with fibrous glass and impregnated with epoxy resin or reinforced with alpha cellulose-type paper and impregnated with epoxy resin were drilled on single spindle and on multiple spindle drill presses. One single spindle press was equipped with a dust collector but the operator did not use it. The other presses had an air jet which removed chips from the drill. These drills varied in size from 0.04 inch to 0.10 inch. Drilling was not continuous as it was necessary to remove boards and replace with other ones to be drilled and occasionally to sharpen drills.

Atmospheric samples were collected on pre-weighed membrane filters and final weight was determined in terms of fibrous glass dust.

The samples collected represent exposures less than the tentative threshold limit value of 5 milligrams per cubic meter of air.

This room is to be enclosed and an air conditioner installed probably during the early part of 1967. No difficulty has been experienced with dermatitis.

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