July 16, 1975

Mr. P. C. Milner
Plant Manager
FPG - Lindsay

Subject: Industrial Hygiene Survey Report of 2/10-14/75
and Status Letter

Noting your general comment on the status letter of July 8, 1975, it is not unusual that significant variations in comparative airborne asbestos levels would occur from one year to the next, especially at inadequately ventilated machines where control is minimal. Comparing the 1974 and 1975 reports, major variations occurred only at the Blok Preform units during the collection of short term samples. The short term samples were collected at Blok Preform No. 1 one day later than the longer term samples collected at Blok Preform No. 2. During the sampling at Blok Preform No. 2, it was the only machine operating. The following day both Preform units were operating during the collection of the short term samples. This may account for some of the increase. Although speculative at this point, other factors could have included variations in ambient temperature, pressure, and/or relative humidity, temporary changes in make up air supply, hood flow-rate fluctuations, condition and type of mix, work techniques, height of the operator (physical proximity to the source of contamination), machine adjustment, ad/or contributory fiber encroachment from adjacent operations i.e. Blok Press, Strip Finish, etc.

The short term samples were collects during a period of peak work activity to determine if asbestos concentrations exceeded the established Ceiling Limit of 10 fibers per milliliter greater than 5 microns in length. This limit is part of the Ontario standard which prohibits any excursions above the 10 fiber level. As indicated in the report, all three consecutive short term samples at 27.98 mg/M^3, 17.31 mg/M^3 and 27.49 mg/M^3 exceeded the Ceiling Limit. Considering the conditions existent at the time from a subjective viewpoint, it is likely that continued short term sampling throughout the day would have yielded a distributed average 8 hour exposure level of similar high



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magnitude which would have produced a value for comparison to the 2 fiber limit. However, this was not done since nothing useful could be obtained from verification of obvious gross contamination.

Please let me know if you have any further questions.

M. David Gidley, Manager
Industrial Hygiene and
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