

Copy for Dr. Blackman

PHG/CH

7th February 1980

PERFORMANCE OF FILTRONA MODEL 300 & 302
SMOKING MACHINES

For some time we have been aware of minor differences occurring in measured smoke deliveries between the FILTRONA Models 300 SM and 302 SM, and we have decided that an investigation should be made.

The data returned by Group Laboratories in the last two cross-checks has been studied. High and a low delivery cigarettes were tested on both occasions. Tobacco rods were produced in one manufacturing operation i.e. tobacco weight, density and circumference were identical throughout (subject to manufacturing variability) for all cigarettes used in both cross-checks.

The type of smoking machine used by each laboratory is known and the results reported have been assessed statistically. The conclusions reached are that for both the high and low delivery cigarettes the FILTRONA 300 SM gives slightly higher figures than the FILTRONA 302 SM; for the low delivery cigarette the 300 SM yields a significantly higher T.P.M. figure than the FILTRONA 302 SM but this is not the case for the high delivery cigarette. Although there appears to be a relationship due to delivery level there may be some other aspect eg. physical, involved.

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However, the differences are small and in most circumstances will not be of concern. Steps are in hand to resolve the problem, and discussions are being held with Filtrona Ltd. We shall keep you advised.

With kind regards
Yours sincerely



P.H. GANNAWAY

c.c. Dr. S.R. Evelyn

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