

FAX TO:-

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BAT R&D

0703/780332

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ATTENTION OF: MR E.B. WILKES & MR P. SHILLABEAR

FROM: M WHITTAKER DATE: 29.11.90

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Post-It Notes from JM

CORESTA Tar Harmonisation: A Suggested Procedure for Setting Air-Flow on 300/350 Smoking Machines

Based on a statistical analysis of ITL's CORESTA Collaborative data, the following procedure is suggested for setting Air-Flow on the 300/350 linear smoking machine. See Appendix for a summary of the data and analysis.

1. Check Air-Flow at the beginning of each run.
2. Monitor ports 1, 10 and 20.
3. Monitor each of these ports for 1 minute (at butt length *i.e. reading every 10 secs.* + 40 mm position)
4. Proceed with smokings providing:-
  - o Each port average lies within  $200 \pm 60$  mm/sec, and
  - o The run average lies within  $200 \pm 40$  mm/sec

Otherwise adjust the tri-duct balance and repeat the procedure.

Notes

- a) The above may well not be appropriate in the light of Ted/Mike Ogden's full analysis of the Air-Flow data from all participating laboratories.
- b) Further work may show that it is not necessary to check Air-Flow prior to each run.

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