

Imperial Tobacco Limited/Limitée



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November 1, 1989

Mr. Patrick McKenna,
 RJR - Macdonald Inc.,
 2455 Ontario St. East,
 Montreal, Quebec.
 H2K 1

RE: CROSS-CHECK OF MONITOR FINE-CUT/STANDARD TUBE

Dear Patrick:

Below are the reported deliveries from the recent cross-check of standard blend fine-cut/standard tube. Both IIL and RBSH included 5 ports of Monitor 4 within the same smoke run. The RJR Monitor 4 data reported below is from a separate run.

	RJR		RBSH		IIL	
	\bar{X}	S	\bar{X}	S	\bar{X}	S
<u>FINE-CUT DATA</u>						
Tar	15.2	0.9	19.2	0.7	20.5	1.07
Nic.	1.45	0.05	1.31	0.06	1.41	0.08
CO	16.6	0.7	18.6	0.69	16.7	0.40
Puffs	11.3	0.2	10.4	0.4	10.5	0.30
TPM	22.7	1.2	25.9	1.0	28.1	1.71
Water	5.0	0.5	5.4	0.47	6.2	0.63
# Ports	15		15		15	

	RJR		RBSH		IIL	
	\bar{X}	S	\bar{X}	S	\bar{X}	S
<u>MONITOR DATA</u>						
Tar	15.0	0.5	16.2	0.5	15.3	0.45
Nic.	1.85	0.05	1.54	0.02	1.61	0.05
CO	17.8	1.0	18.9	0.59	15.1	0.30
Puffs	9.7	0.2	10.3	0.3	10.1	0.3
TPM	22.4	1.0	21.3	1.1	24.6	0.97
Water	4.7	0.7	3.5	1.1	4.7	0.50
# Ports	20		5		5	

There is a large discrepancy between the Fine-Cut results obtained by the RJR laboratory versus that from the RBSH and IIL laboratories.

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The monitor data shown indicates that for the R&B lab, the tar results were at the low end of the range normally seen for Monitor 4, whereas for the ITL laboratory, the tar result obtained for Monitor 4 in that exercise was slightly above the normal tar range. Also for ITL, the measured CO is lower than normally obtained on Fine-Cut products.

It is very odd that the RJR Fine-Cut results show significantly lower tar but significantly higher puff numbers than that from the other two laboratories. The smoke tar to nicotine ratios for the Fine Cuts are 11.2, 14.6 and 14.5, for the RJR, R&B and ITL laboratories, respectively.

The results clearly illustrate the cause of the differences in range of declared tar values between the RJR Fine-Cut products (16 to 17) and the R&B and ITL range of declared tar values (19 to 23).

I suggest that a meeting among the three companies take place as soon as possible to discuss this data and its implications and that action be taken to take corrective action.

Regards,



Gaetan DuPlessis

1/23

cc: S.R. Hasey
P.J. Dunn

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