

Copy

June 2, 1959.

Ash, sand and silica, nicotine and reducing sugars were determined on samples of offals collected at different locations in the Montreal factory.

The analytical data are listed below:

TABLE I*

CIGARETTE DRUM FILTER DUST.

SIEVE FRACTION	%	% ASH	% SAND & SILICA	% NICOTINE	% RED. SUGARS
Over 20 Mesh	4.5	14.4	0.74	1.51	18.6
Over 35 "	52.83	14.3	0.80	1.97	15.9
Over 48 "	18.3	13.9	0.74	2.08	14.4
Over 60 "	6.6	14.5	0.93	2.00	13.1
Through 60 "	<u>17.8</u> 100.0	15.2	9.13	1.94	12.2

TABLE II *

EJECTOR DUST (PLAIN MACHINE)

SIEVE FRACTION	%	% ASH	% SAND & SILICA	% NICOTINE	% RED. SUGARS
Over 20 mesh	10.3	14.1	0.84	1.15	18.2
Over 35 "	60.6	13.9	0.88	1.90	17.2
Over 48 "	15.6	14.9	0.79	1.93	17.0
Over 60 "	4.8	13.4	1.00	1.85	15.2
Through 60 "	<u>8.8</u> 100.1	15.2	8.94	1.87	14.6

100239786

TABLE III *

DIFFERENT SAMPLING LOCATIONS

SAMPLING LOCATIONS	% ASH	% SAND & SILICA	% NICOTINE	% RED. SUGARS
Making Machine Floor Sweepings (plain & filter mc.)	14.9	3.65	1.60	16.3
Catcher (plain Machine)	13.2	1.38	1.56	16.5
Filter Attachment (Wads)	15.50	0.94	1.85	16.2
Packing Machine:				
Sweepings	14.3	1.90	1.69	15.4
Cigarette Feeding	16.0	1.19	1.89	14.8
Dust Tray	15.6	1.19	1.92	16.0
Cooler Dust Cooler Nos. 1,3,5,7.	16.4	10.56	1.89	12.3

* All results except sand and silica are calculated on a moisture free and sand and silica free basis.

Sand and silica calculated on a moisture free basis only.

RMG:cb

100239787