

Lorillard

MEMORANDUM

November 16, 1984

TO: Dr. A. W. Spears

FROM: David A. Hicks *DAH*
Senior Project Analyst
Quality Assurance

SUBJECT: Quality Design Audit on 80-mm Lucky Strike Lts.

On October 17, 1984, we received from New York a sample of 80-mm Lucky Strike Lights manufactured by American Tobacco.

The results of our usual analyses appear on the attached computer print-out.

The following differences between the current and previous samples appeared to be greater than expected.

Smoke Analysis

Carbon monoxide decreased from 8.5 to 7.0.
CPM decreased from 7.7 to 6.0.
Air dilution increased from 33.00 to 37.90.

The accompanying letter indicates that these cigarettes are available in the Albany, N. Y. area.

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BRAND : 80-MM LUCKY STRIKE LTS
 TYPE: FILTER
 PACKAGE: SP

SOURCE: NY
 APPROX PROD PERIOD: JUNE
 DATE RECEIVED: 10/17/84

REPORT DATE: 11/15/84
 OD # : 5057
 #RECEIVED: 400

ONE ROW OF PERFORATIONS IN TIPPING PAPER

PHYSICAL PROPERTIES

	LENGTH MM	CIRCUM MM	TIPPING LENGTH MM	MOISTURE %	FILTER LENGTH MM	FILTER WEIGHT MG	FILTER PRESSURE DROP, MM H2O	FILTER COLOR	FILTER MATERIAL	POROSITY CIG PAPER CORESTA	CITRATE	FIRMNESS	PUFFED TOBACCO %
CURRENT SAMPLE	82.0	25.0	30.6	14.4	25.0	178	102	WHITE	CELL ACE	275	POS	1.390	14.40
PREVIOUS TEST	82.1	25.0	30.5	14.7	24.7	178	98	WHITE	CELL ACE	267	POS	1.490	13.20

TOBACCO ANALYSIS

	% MENTHOL	% TOTAL NITROGEN	% TVB	% NICOTINE	VOLUME CC / 50 GM GROUND TOB	% ASH	% RED SUBSTANCES	FILLER DENSITY GM / CC @ 13% MOIST
CURRENT SAMPLE	0.00	2.95	0.53	1.91	0	15.00	9.30	0.229
PREVIOUS TEST	0.00	2.98	0.56	1.89	219	14.80	9.50	0.232

SMOKE ANALYSIS

	CIGT WEIGHT (GM)		PRESSURE DROP (MM H2O)		DRY PARTICULATE MATTER (MG)			NICOTINE (MG)			CARBON MONOXIDE (MG)		PUFF COUNT	BUTT LENGTH (MM)	TOBACCO WEIGHT MG/CIGT @ 13% MOIST	AIR DILUTION %
	C	F	C	F	C	F	%	C	F	%	F	F				
CURRENT SAMPLE	0.750	0.932	55	170	21.9	6.5	70.32	1.27	0.52	59.06	7.0	6.0	7.0	33.0	648	37.90
PREVIOUS TEST	0.783	0.965	62	169	25.2	8.4	66.67	1.55	0.66	57.42	8.5	7.7	7.5	33.0	663	33.00

ZERO VALUES INDICATE THAT ANALYSIS WAS NOT PERFORMED

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