

July 30, 1943

Memorandum to

Mr. J. A. Grove  
Assistant Chief of Manufacture

We are enclosing report on the Physical Properties of LUCKY STRIKES from the Three Factories, Lot Number 315, for the week ending July 30, 1943.

Weight distribution shows from 62.16% to 68.00% in Standard and from 8.50% to 9.61% in the extremes. Average weights correspond fairly closely to Standard. Moistures are excellent, the averages being only slightly different for the three Branches.

The range of individual Circumferences is considerable; the averages for the three Branches are somewhat below Standard. Air Flows are normal for the reported Circumferences.

Sieve Tests show a normal distribution of tobacco among the various fractions. Durham Branch has the lowest percentage of 7 mm. and the highest percentage of 2 mm. tobacco. In general, width of cut is normal.

Loose Ends vary from 0.30% for Reidsville to 1.22% for the Virginia Branch.

A report on air leakage of cellophane wrappers and the adhesive characteristics of the stamps and labels is also included.

H. R. Manser  
Director of Research

WRH:ECG  
Enc

c.c. Mr. W. H. Ogbury, Asst Chief of Manufacture  
Mr. C. H. Gibson, Manager  
Mr. V. D. Hager, Manager  
Mr. D. J. Anderson, Manager