

ONLY THE TITLE PAGE AND THE SUMMARY PAGE ARE HELD ON THIS FILE
THE FULL REPORT CAN BE SEEN ON APPLICATION TO CENTRAL FILING

FACTORS AFFECTING THE DESIGN OF A
CIGARETTE OF LOW TAR/NICOTINE YIELD

REPORT NO. RD.237-R.

22.1.63.

AUTHOR: I.W. Hughes

ISSUED BY: S.J. Green

PROJECT NO. 3400

DISTRIBUTION:

D.S.F. Hobson, Esq.	Copy No.	1.
Sir Charles Ellis.	" "	2.
H.P. Anderson, Esq.	" "	3.
F.H. Maslan, Esq.	" "	4.
A.A. Boothroyd, Esq.	" "	5, 6.
T.M. Wade Jnr. Esq.	" "	7.
L.C. Laporte, Esq.	" "	8, 9, 10.
W.W. Reid, Esq.	" "	11, 12.
E.C. Fieldsend, Esq.	" "	13.
Library	" "	14, 15.
File 433-9.	" "	16.

COPY NO. 16 - FILE 433-9

100096056

Research & Development Establishment,
British-American Tobacco Co.Ltd.,
Southampton.

IRH/LT/46B-9

8th January, 1962.

FACTORS AFFECTING THE DESIGN OF A
CIGARETTE OF LOW PHENOL YIELD

(Report No.RD.237-R)

SUMMARY AND CONCLUSIONS

Recent findings are considered for the selective filtration of phenols on secondary acetate and paper filters treated with triacetin and polyethylene glycol. Tentative empirical equations are developed relating the removal of phenols to the length of filter, the tobacco butt length and the effect of the additives on various specifications of acetate filters and on paper filters.

Attention is drawn to restrictions on the use of polyethylene glycol on filters made in the United Kingdom, owing to the existence of U.K. Pat. 755,479 (to Philip Morris).

100096057