

DR. D.O. FELTON.

DR. I.W. HOOKER.

DM/JP/460-2.

3rd May, 1966.

MANUFACTURE OF CIGARETTES FOR PROJECT JAMES

A total of  $3\frac{1}{2}$  million cigarettes will be manufactured for tests to be carried out at Battelle Institute. This number of cigarettes is required to carry out three standardisation experiments and an experiment aimed to determine the effects, if any, of changes in puff volume.

The specification of these cigarettes is as follows:-

- |                        |  |
|------------------------|--|
| Tobacco Blend          | - C1702 without C81  |
| Cigarette Dimensions   | - 70 x 25 mm   |
| Cigarette Weight       | - Approximately 26/ea.   |
| Required Pressure Drop | - 9-12 cm. w.g. at an air-flow of 1050 ml/min.<br>(It is essential that the pressure drop does not rise above 14 cm. w.g.) |
| Cigarette Paper        | - 015 Vergé  |
| Packing Moisture       | - 13%  |
| Coding                 | - B.O. together with a circular ring 23 mm from the end of the cigarette   |
| Packing                | - Air-tight 50s tins   |

THE SCHEDULE

It is proposed to have at least half a million cigarettes available by the beginning of June and to have the total amount manufactured by the end of June/beginning of July.

c.c. Mr. H.E. Willis  
Dr. C.L. Agnes  
Mr. C.H. Burnett

105610727

cc: Dr. S. J. Green  
Millbank  
Sir Charles Ellis  
Millbank  
Janus file

CIA/sml/46D-2

3rd May, 1966.

Dr. V. Miedreich,  
Battelle Institut e.V.,  
FRANKFURT am Main, F.R.G.  
Wiesbadenerstrasse,  
West Germany.

cc: Dr. V. Schwick  
London

Short-term Hyperplasia Test

Dear Dr. Miedreich,

From the recent results which have been obtained by Dr. Hofmann on the 'dose-response' and the effect of the number of paintings, it would appear that we can choose a set of conditions to be used in the comparison of smoke condensates.

Number of paintings: 3

Dose: 50 mg of '24 hour old' condensate in acetone-water (9:1)

Number of measurements in the recovery phase, i.e. after the painting has ceased: 6

Future experiments may lead to a modification of this procedure, but at this stage we would like to have four samples of cigarettes compared in the May experiments.

Under separate cover, I am sending the following cigarettes for this work:

Number of cigarettes in sample	Janus Code	Cigarette code
1,000	J15	R84R
2,000	J16	R88R
1,000	J17	R973
1,000	J18	R908

Yours sincerely,



C. I. Ayres

105610728

COPY FOR DR. C.I. AYRES.

DR. D.G. FELTON.

DR. I.W. HUGHES.

IWH/JP/46D-2.

3rd May, 1966.

MANUFACTURE OF CIGARETTES FOR PROJECT JANUS

A total of  $3\frac{1}{2}$  million cigarettes will be manufactured for tests to be carried out at Battelle Institute. This number of cigarettes is required to carry out three standardisation experiments and an experiment aimed to determine the effects, if any, of changes in puff volume.

The specification of these cigarettes is as follows:-

5500

Tobacco Blend	- CN102 <u>without</u> CR3
Cigarette Dimensions	- 70 x 25 mm
Cigarette Weight	- Approximately 26/os.
Required Pressure Drop	- 9-12 cm. w.g. at an air-flow of 1050 ml/min. (It is essential that the pressure drop does not rise above 14 cm. w.g.)
Cigarette Paper	- 015 Verge
Packing Moisture	- 13%
Coding	- B.O. together with a circular ring 23 mm from the end of the cigarette
Packing	- Air-tight 50s tins

TIME SEQUENCE

It is proposed to have at least half a million cigarettes available by the beginning of June and to have the total amount manufactured by the end of June/beginning of July.

e.o. Mr. N.E. Willis  
✓ Dr. C.I. Ayres  
Mr. C.N. Burnett

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