

Miss V. Corney  
(JANUS FILE)

Dr. P.G. Felton

H.E. Willis

NEW/YF/46D-2

9th March 1966.


Vacuum Sealing of Samples for Laboratory  
Purposes

I have received preliminary information from Engineering Department concerning our requirements for vacuum sealing 50's tins containing sample cigarettes for laboratory work.

1. A model 1A double sealer unit can be obtained on hire from Metal Box. Cost approx. £20. p.a.
2. A continuous oven for heating the tins prior to pricking and soldering would have to be constructed, possibly in R. & D.
3. Soldering operation at 10 cans per minute doesn't warrant any mechanisation and we would propose to do this by hand soldering.

50's tins are available ex stock from Liverpool. The approximate cost for the 70 mm. tins is 316/- per thousand, and for 84 mm. tins 352/- per thousand. No 85 mm. tins can be obtained quickly but by omitting the bottom liner in the 84 mm. tin it should be perfectly satisfactory to use this for the longer cigarette. Both the above prices include some 55/- per thousand for the lid with tagger and it has been suggested that for our purpose we should not require to provide such a lid with each tin.

Engineering Department have undertaken to confirm all this in writing and as soon as we have got definite information we will proceed with obtaining the necessary equipment while leaving the question of the tins to be handled by ~~these~~ <sup>those</sup> persons interested in processing the samples.

  
H.E. Willis

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Miss V. Corney  
(JANUS FILE)

N.E. Brown, Esq.,  
Liverpool.

N.E. Willis,  
Southampton.

NEW/YP/46D-2

9th March 1966.

Dear Neville,

Vacuum Sealing 50's Tins

We shall shortly be involved in packing sample quantities of cigarettes for laboratory purposes in 50's tins, and for our requirements we are proposing to do it by heating the sealed tin pricking and soldering, the technique which was used some time ago by Liverpool. It would be of assistance to know the conditions which Liverpool used when they were operating this process, particularly the temperature rise of the 50's tin, the residence time, and whether any moisture adjustment was made to the cigarettes to allow for moisture loss when the seal was broken and resealed.

We shall, of course, require to hand pack the tins but perhaps this can best be covered by observing your present methods when we get a little nearer to our own starting date.

Yours sincerely,



N.E. Willis

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