

THE ASSOCIATED ETHYL COMPANY LIMITED NORTHWICH CHESHIRE

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OUR REF. K.2.

YOUR REF.

DATE 21st May, 1951.

Dr. R.A. Kehoe,
Kettering Laboratory of Applied Physiology,
University of Cincinnati,
College of Medicine,
Cincinnati,
OHIO,
U.S.A.

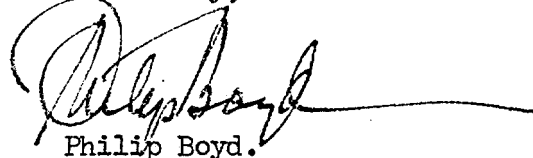
Dear Dr. Kehoe,

I have recently been asked certain questions about the canister masks used by men employed in the open-air transport of sludge containing tetraethyl lead. The question has arisen, owing to the shortage of supply of these masks, as to whether they could not, in fact, be used for a slightly longer period than eight hours, originally recommended by yourself. We have not, at the moment, been able to arrange for suitable tests with a view to judging the absorption by the activated charcoal, but our masks, I believe, differ from the American type in that they contain 250 c.c. more activated charcoal. This in itself could perhaps be considered as indicating the possibility of an extended period of exposure. I believe I am right in stating that the American type of canister mask contains 500 c.c. of activated charcoal, and the British standard 750 c.c. An extension of even four hours would help considerably in enabling the work to be carried out satisfactorily.

I believe Mr. Bevan has written recently to you with regard to my visiting America at the end of this year. I look forward to this visit very much.

I am also looking forward to meeting Dr. Phair, who will be coming up to Northwich in a month's time, to spend a few days in the neighbourhood. No doubt we will discuss some of the aspects of my future visit to Cincinnati, amongst other things. I hope, anyhow, that he will have enjoyed his visit to England, in spite of the fact that we have not been able to provide very good weather up to now.

Yours sincerely,



Philip Boyd.