

MEMORANDUM ON STUDY OF LEAD EXPOSURE IN FOUNDRY

The most useful procedure for present purposes, in studying the lead exposure in the foundry is to obtain samples of the feces and urine of a sizeable group of men made up of carefully chosen representatives of all types of jobs. It would take a much larger number of spot samples of urine to accomplish the same purpose, and these would be more difficult to obtain in a satisfactory state.

Men should be selected on the basis of their reliability, their general good sense, and their willingness to follow instructions, as well as the representative character of their work. Men who have been employed for at least a year, and preferably longer, in a specific job, and who can be expected to continue, should be selected. Several men in each type of work should be chosen (see original report), and the number should be not less than thirty. It need not be more than fifty. It is best to pick men on whom it is probable that similar observations can be made at a later date.

When the men have been selected and the number ascertained, we will ship boxes of jars and jugs to the proper designated person.

Containers sealed in paper bags will be given to the men or delivered to their homes. The latter is preferable. Each man must be instructed as to what he is to do by a responsible person who understands the procedure.

The containers are to be returned enclosed within the paper bags, and then packed and sent to us.

The occupational history of the man and the nature of his

present work should be supplied to us in detail.

The secret of getting good information by this means is a proper choice and an adequate instruction of the men. This can be done without difficulty, but it must be done seriously and carefully, not in any joking manner. We have done it in all kinds of plants and have not encountered any serious difficulty as yet.

Copies of instructions (samples attached) will accompany all shipments of containers, as further reminders to the men of the procedure required of them.

February 11, 1944

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Mr. H. R. Bryant,
Robert F. Coleman, Inc.,
948 Union Trust Building,
Pittsburgh, Pennsylvania.

Dear Mr. Bryant:

I am sending you herewith copies of letters written to Dr. Perry and to Mr. J. P. Flaherty. I am also enclosing a memorandum directed to your attention relating to the manner of studying the lead exposure in the foundry of the Newcastle plant. I want to make it perfectly clear to you that this attempt to study the lead exposure is something totally different in method and purpose from that of attempting to get analytical information for diagnostic purposes in individual cases. There is not the slightest question in my mind that the latter procedures will have to be handled by the doctor. There is no satisfactory alternative, and I will not be bothered with the problem unless it is to be handled in that way. On the other hand, the sampling in relation to the lead exposure can be handled otherwise, and if the instructions are followed, the results should be quite satisfactory. If you and the group at Johnson Bronze feel that this should be done by Dr. Perry, then you should say so. In that event, the memorandum which I am sending you should be handed over to him for his guidance.

I am not in the habit of stepping into an industrial organization, taking it by the throat, and thrusting my ideas down. On the other hand, this whole situation seems to have gone into a stymie because of the failure of someone to come to some definite conclusion and then to put it into effect. It is for this reason that I have gone directly to the bat, in order to get a decision one way or the other. I trust that this will work out advantageously.

I presume under the circumstances that I should send my expense account and bill to you. If this is not the correct procedure, I hope you will be good enough to put my bill in proper hands.

Cordially yours,

Robert A. Kehoe, M. D.

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Robert A. Kehoe, M. D.
College of Medicine Eden Avenue
Cincinnati 19, Ohio

February 11, 1944

Mr. H. R. Bryant,
Robert F. Coleman, Inc.,
948 Union Trust Building,
Pittsburgh, Pennsylvania.

Account for Services and Expenses
of Dr. Robert A. Kehoe

Trip to Newcastle, Pennsylvania
and consultation in re Johnson
Bronze Company on Monday, February 7,
1944

Consultation and report \$100.00

Railroad and Pullman

Cincinnati to Pittsburgh and return 26.85

Pittsburgh to Newcastle and return 2.42

Meals, taxi, tips and incidentals 5.50

\$134.77

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