

TETRA ETHYL LEAD PLANT
October 31, 1931.

MEDICAL BUILDING,
ATTN: DR. W. E. DEUEL:

A series of air tests was made in "B" plant to determine the lead content of the air according to the routine procedure that has been in effect for several months.

The results obtained from this latest series of determinations show that some progress has been made to lessen the hazard of lead exposure in this building. The figures show that under normal operating conditions there is now little lead exposure encountered anywhere in the building except on the still floor. This floor has always been the worst offender in this respect, and special effort will be made to correct this condition. It will be noted however that the lead exposure seems to consist of low concentrations of lead persisting for quite some little time and distributed quite generally. It is believed that faultless operating will minimize this type of exposure.

J. L. STECHER, SUPT.

EWG:blr

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Place	Height from Floor	Time of Run	Lead as mg/cu.ft.
<u>FIRST FLOOR</u>			
Lewis Pump #1	5'	24 Hrs.	.0005
Lewis Pump #2	5'	24 "	ng
Air duct by Lewis Pump #1	6"	24 "	ng
<u>THIRD FLOOR</u>			
Air duct by Washers	6"	24 Hrs.	ng
" " between 5-7	"	24 "	.0005
" " " 2-4	"	24 "	.0019
" " " 6-8	"	24 "	.0057
" " " 5-7	"	16 "	.0005
" " " 2-4	"	16 "	.0019
" " " 6-8	"	16 "	.0005
" " " 1-3	"	16 "	ng
<u>FOURTH FLOOR</u>			
Front #1	6"	24 Hrs.	ng
#2	"	24 "	ng
#3	"	24 "	ng
#4	"	24 "	ng
<u>FIFTH FLOOR</u>			
Air duct by #2	6"	24 Hrs.	ng
#4	"	24 "	ng
#6	"	24 "	ng
#8	"	24 "	ng

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