

Chicago Plant - 6/2/76

Bound Brook

Mr. F. B. Dorf

C. Dadko - CM

Blood Lead Analyses

January to May, 1976

Here is some data regarding blood lead levels at the Chicago Plant covering twenty-five employees including C. Dadko and all supervisors.

Above 0.08 mg/100 gm	- 12 analyses	- 13%
Above 0.07 "	- 20 "	- 22%
Above 0.06 "	- 29 "	- 32%
Below 0.06 "	- 30 "	- 33%

Five men account for the twelve tests above 0.08:

- 1	maintenance supervisor
- 7	foreman
- 1	process operator
- 1	maintenance supervisor
- 2	process operator

Litharge operators:

Howard	-		avg.
Martin	-		"
Cross	-		"
Hodge	-		"

Process operators:

L. Calvin	-		avg.
C. Davis	-		"
F. Powers	-		"

Foremen:

J. Banasiak	-		avg.
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E. Maye -	[REDACTED]	avg.
L. Maye -	[REDACTED]	"
C. Perz -	[REDACTED]	"

Conclusion:

The litharge operators, who have the highest exposure, have some of the lowest lead levels which backs up the theory that blood lead level is more a function of hygiene habits than exposure.

However, a sloppy operator will have a lower lead count if he works in low exposure areas than if he worked in a high exposure area.

Our most serious problem is primarily with only five of our twenty-one employees with daily exposure to lead dust.

There must be two points of attack:

1. Modify our existing ventilation and exhaust systems to reduce airborne lead dust concentration.
2. Improve our personal hygiene control.

H. C. Gaffney

HCG:ak

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N O T I C E

Effective January 1st, each employee will be given the opportunity to earn an award for excellent achievement in maintaining low blood lead levels.

S&H green stamps will be awarded by the following schedule:

Everytime an employees blood
lead level is below 0.06

Award: 1 book
(1200) S&H stamps

If all employees are below
the 0.06 level

A bonus of 1 book
(1200) S&H stamps

This means that an employee who follows the safety, housekeeping, hygiene rules diligently can be awarded six books of stamps per year.

If all employees are below 0.06 all year long, then all employees would receive twelve (12) books per year.

H. C. GAFFNEY

HCG; ak

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