

Chicago Plant - March 27, 1974

Bound Brook

Mr. F. B. Dorf

Starting in June, 1971, the following programs have either been implemented or are planned for implementation within the next two months.

These have all been accomplished with the cooperation of Chicago management personnel, corporate environmental health section, ECD, and many of our OCD personnel.

1. Respirator clean-up program.
2. Each worker provided with two lockers; one for work clothes, and one for street clothes.
3. Slight positive pressure in the locker room.
4. Discontinue the practice of storing food, beverages, coffee cups, etc. in the lockers and eating in the locker room.
5. Laboratory personnel follow same hygiene practices as plant operators. Discontinue making coffee and eating in the laboratory.
6. Provide a new lunch room. Replaced old table top with Formica.
7. Mandatory shower regulations.
8. Use of plastic containers for storage of respirator. A separate plastic container is supplied for cigarettes, tobacco, etc.
9. Bottled water, with paper cups, supplied in the lunch room.
10. Vacuum cleaner for cleaning clothes before entering the lunch room.

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11. Disposable aprons supplied.
12. Weekly air sampling. Different area each day.
13. Weekly test by velometer of all exhaust systems.
14. Bump hat (Glendale) required.
15. Small pamphlet patterned after the one used at the Willow Island pigment department distributed to all employees.
16. Numerous modifications of exhaust and ventilation systems accomplished. This is, and will be, continuous.
17. Survey by George Van Hare (ECD) to recommend improvements in material handling, ventilation, and kiln operation.
18. Locker inspection by supervision.
19. Blood sampling monthly or semi-monthly, based on lead levels. Tests run at Willow Island.

Here are the blood leads of our employees who were here when we acquired the facility and are still employed. The numbers listed are an average of the first two and the last two samples taken.

	<u>First two</u> <u>1971</u>	<u>Last Two</u> <u>1974</u>
Carite		
Leake		
Banaslak		
L. Maye		
Perz		
Cross		
Howard		
Stanford		
E. Maye		
Martin		
Hawkins		
Tate		
C. Davis		
W. Lee		
Powers		

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I have reviewed our data in regard to lead in air, but I believe it is really inconclusive. I know we have improved many areas, but overall the levels appear to be the same.

I believe the major change is in improving locker room and lunch room facilities and upgrading the employee hygiene habits.

H. C. Gaffney

HCG:ak

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