

BB E&PA Dept. October 14, 1975

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CHICAGO, ILL.

OFFICE

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TO: Mr. H. C. Gaffney
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OCT 16 1975

FROM: F. B. Dorf
SUBJECT: BLOOD LEAD
REFERENCE:

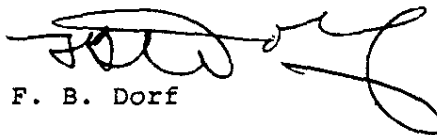
Here is a list of possible contributors, preventative and corrective actions for the blood lead problem in the Chicago Plant. None of these items are new to you, but are offered as reminders:

1. Provide soft water, soap, shampoo, toothpaste, mouthwash in showers and washrooms.
2. Employees should not use hair cream or hair oil which might occlude lead.
3. Wash-up at end of shift must be thorough and must include hair, scalp, ears, neck, face, mouth, teeth, as well as all other body areas.
4. Supervision should tail employees with blood levels 0.07 and above. This constructive surveillance should include taking a shower with them.
5. Provide clean work-clothes daily. This includes underclothes, socks, hats. More frequent changes in case of heavy exposure to lead.
6. Employees work-shoes should be vacuum-cleaned daily; more often if contaminated.
7. Check that employees street-clothes are not contaminated with lead.
8. Employees should vacuum clean their personal cars weekly.
9. Provide adequate, efficient vacuum cleaners throughout plant.

10. Jingles must clean

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10. Completely eliminate brooms in the Chicago Plant.
11. Supervision should perform weekly white glove inspections in lunch and locker rooms.
12. Prior to eating or smoking--wash-up--hands, arms, face, brush teeth, wash mouth. Vacuum clean clothes and shoes.
13. Don't carry tobacco or pipe in work-clothes.
14. Dust respirator:
 - a. If respirator is around neck, the face side contacts work-clothes and may pick up lead.
 - b. Placing respirator on chin may contaminate inside of respirator.
 - c. Change filter daily; twice per day if exposure is high.
 - d. Daily inspection of dust respirators by supervisors.
15. Employees with blood lead levels at 0.07 or above, must wear full face mask until level drops below 0.07.
16. Determine possible relationship of overtime hours and fatigue with blood lead levels.
17. Provide covers for all containers of lead.
18. Further improve maintenance on leaks of product and leaks from ventilation equipment.


F. B. Dorf

FBD:ai

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