



INTER-ORGANIZATION MEMO

TO: Mr. J. R. Mudd

ATTENTION:

FROM: R. W. Laundrie

DATE: March 26, 1974

SUBJECT: Hygienic Testing with
Century Meter for Vinyl
Chloride

cc: H. Jewett

During the next two weeks we want to gather as much monitoring data as possible to determine just what our present levels of vinyl chloride are in all potential and even non-potential regulated areas. At least 25-30 determinations at each location are desirable for statistical significance. To this end, measurements should be made every four hours at the designated locations.

Sampling Points

1. Reactor control room.
2. Center of shower room in upper polymer area.
3. Northeast corner of upper polymer.
4. Northwest corner of upper polymer.
5. Southeast corner of upper polymer.
6. Southwest corner of upper polymer.
7. Center of upper polymer room.
8. Center of lower polymer room.
9. Northeast corner of lower polymer room.
10. Northwest corner of lower polymer room.
11. Southeast corner of lower polymer room.
12. Southwest corner of lower polymer room.
13. West center of monomer unloading pump house.
14. East center of monomer unloading pump house.
15. Center of pump house.
16. On monomer unloading platform.
17. At each hose disconnect.
18. At tank form - in front of each tank.
19. On slurry tank platform.
20. In laboratory - center of main room.
21. In laboratory - center of mill room.
22. Between No. 1 and No. 2 dryers (center).
23. Between No. 2 and No. 3 dryers (center).
24. On centrifuge platform - in front of each centrifuge.
25. Under centrifuge platform under each centrifuge.
26. In laboratory - lunchroom
27. Center of maintenance room.
28. Center of maintenance storeroom.
29. At bagging stations - direct from dryer.

GENC 21561

0

Mr. J. R. Mudd
Page Two
March 26, 1974

30. At bagger - from silos.
31. Center of bulk transfer area.
32. Each quadrant of warehouse.
33. Center of warehouse.
34. Exhaust air from each dryer.
35. Northeast corner of property.
36. Southeast corner of property.
37. Northwest corner of property.
38. Northeast corner of property.
39. In guard house.
40. In office - center.
41. Exhaust air from reactor blower.
42. Exhaust air from each ventilation fan (if running) in polymer building.
43. In reactors at various stages of cleaning.

Data Keeping

Each location must be on a separate data sheet.

Show on data sheet:

1. Location (exact sample point so duplication is easy).
2. Instrument used.
3. Date of sample.
4. Time of sample.
5. Raw instrument reading.
6. PPM of vinyl chloride.
7. Calibration curve used.
8. Last calibration readout.
9. PPM VCl on calibration.
10. Analyst
11. Sample conditions:
 - (a) length of purge if applicable
 - (b) wind direction
 - (c) blower on-off
 - (d) weather conditions - clear, rain, temperature
 - (e) normal operating condition
 - (f) spill at X time at X location of X amount
 - (g) anyone directly exposed to vapors
 - (h) tell what's going on at time sample is taken


R. W. Laundrie

cjw

GENC 21562