

7

INDUSTRIAL HYGIENE QUARTERLY REPORT
LAPORTE PLANT
ANNUAL REPORT 1994

A) Personnel Monitoring and Data Information:

1) Vinyl Chloride

a) No. Samples completed	<u>146</u>
b) No. Samples over action level 0.5ppm-8hr	<u>02</u>
c) No. Samples over OSHA PEL 1 ppm 8hr. TWA	<u>02</u>
d). No Samples over OSHA PEL 1 ppm 8hr. TWA w/o Respiratory protection.	<u>02</u>

2) Ethylene Dichloride

a) No. Samples completed.	<u>146</u>
b) No. Samples over OSHA PEL 50ppm-8hr. TWA	<u>00</u>
c) No. Samples over the ACGIH TLV 10PPM 8hr. TWA.	<u>00</u>
d) No. Samples over 10ppm 8hr. TWA w/o PPE	<u>00</u>

3) Noise

a) No. Personnel Samples Completes.	<u>19</u>
b) No. Samples over 90db(A) 8hr. TWA	<u>05</u>
c) No. Samples Over Action Level 85db 8hr.	<u>06</u>
d) No. Samples over 85db 8hr. TWA w.O PPE	<u>00</u>
e) No. Samples with breaktrough(115db)	<u>01</u>

B) Hearing Conservation.

a) No. Audiograms Completed	<u>127</u>
No. Required by OSHA	<u>127</u>
c) No. Audiograms Identified in (b) showing a (confirmed) Age Adjusted STS Shift.	<u>04</u>
d) No. Audiograms Identified in (C) showing Adjusted (confirmed) 25db or more shift in either ear.(Avg. 2K,3K,4K).	<u>00</u>

INDUSTRIAL HYGIENE QUARTERLY REPORT
LAPORTE PLANT
ANNUAL REPORT 1994

C) Medical Surveillance Data and Information.

1) No. of VCM related Blood analyses Performed	<u>127</u>
2) No. of Abnormal Findings Which Have Been Med- ically determined to be potentially related to VCM.	<u>00</u>
3) <u>No. of Physical Examinations completed.</u>	<u>132</u>
a) Annual Physicals	<u>127</u>
b) Semi-Annual examinations	<u>112</u>
c) Pre-employment examinations	<u>05</u>

D) Randon Drug Screening Tests Completed

1) DOT Tests	<u>129</u>
2) Non DOT Tests	<u>136</u>
3) For Cause	<u>07</u>
4) Post injury	<u>01</u>

E) OSHA RECORDABLE ACCIDENTS

- | | |
|---------------------|-----------|
| 1) Laceration thumb | |
| 2) Chemical Burn | <u>02</u> |

ATTACHMENT A:

- 1) Over exposure to VCM. Sample started at 0530, terminated at 1800. TWA 3.16 ppm.
- 2) Place of exposure-ITC Docks.
- 3) Task-loading ship and obtaining lab. samples.
- 4) Employee was not aware of any unusual activites. No alarms were evident. No protection equipment was worn.
- 5) Employee was offered Medical Examination, which was denied in light of the fact that annual physicals will be forthcoming in 6-8 weeks.
- 6) Employees to be monitored for several docking to in order to determine if this is an isolated incident.

ATTACHMENT B:

- 1) Overexposure to VCM. Sample started at 1800 hours, terminated at 0600.
- 2) Place of exposure: VCM tank farm.
- 3) Task: Opening a bleed valve which he thought was under a nitrogen purge. when he realized his mistake he decided that it would take too long to get a SCBA or airline respirator. He took care of the problem without the benefit of respiratory protection.
- 4) Employee was offered medical examination, which he declined on light of the fact that annual examinations will be forthcoming in 6 weeks.
- 5) Additional stations, with airline respirators, have been established in the area. All personnel were made aware of the changes and a monthly inspection schedule has been instituted.
- 6) A survey of other critical areas of this plant was made and additional stations have been installed in each area.

ATTACHMENT C: Audiogram evaluation(excluding Pre-employment)

- | | |
|---|-------|
| 1) Poss. Conductive loss | 2.3% |
| 2) Poss. Noise induced loss | 52.3% |
| 3) Poss. Mixed loss | 5.5% |
| 4) Poss. other types of loss. | 0.0% |
| 5) Normal hearing | 39.3% |
| 6) Employees medically evaluated for STS. | 02 |
- Both cases determined not to be job related by retest and history.