

TO: G. D. Bevis FROM: J. C. Palinsky
 LOCATED AT: Leominster, Ma.
 SUBJECT: Monthly Report DATE: October 12, 1978
 September, 1978

HIGHLIGHTS

1. ADT has completed all work related to fire alarm system except a curb box reset indicating device.
2. Northeast Sprinkler will replace the cooling tower valve when it becomes available. The valve has been ordered.
3. Special physical monitoring of vinyl chloride has been reinstituted now that the manpower distributed to the EPA project has returned to their normal duties.
4. The trackmobile is still under repair. The plant is currently awaiting rebuilding of the engine. An October availability is expected.
5. EPA punch list work was affected by problems related to new equipment "start-up" and the necessary revisions to mainly the vent condenser and waste water transfer tank discharge. Work continues on glycol tracing and insulation.
6. The Bendix area monitoring system was down for three days in September due to a short causing backfeed through the DMUX boards in the computer. CIS was called to repair the unit.
7. The Safety Engineer recommended through advice by the EPA Coordinator the purchase of an oscilloscope to help pinpoint Bendix problems and lessen the need for CIS repairs and the cost involved.
8. CIS initiated the "start-up" of a new chromatograph in the incinerator area.
9. Hnu status remains one of three works and of the three, one is out for repair. Two Century O.V.A. units were sent out for repair (EPA).
10. The fork truck training program was completed during September 6, 7, and 8. This was accomplished by actual driving on all three shifts for the three days involved.
11. Seven material safety data sheets were submitted to R. Latham.

VINYL CHLORIDE CONTPOLI. Monitoring Summaries (Personnel)

<u>A. Monthly Monitoring Tests</u>		<u>September</u>
1. Personnel on Regulated Roster		190
2. Personnel Tested		176
3. Personnel Tests		176
4. Invalid Tests		3
5. Repeat Tests		3
6. Area Tests		36
7. Contractor Tests		0
8. Total Tests		215
<u>B. Monthly Averages By General Job Categories</u>		
1. PVC Operators		6.0
2. PVC Helpers		5.1
3. Dryer Building		1.0
4. PVC Supv. and Engineers		1.4

VINYL CHLORIDE CONTROL

<u>B. Monthly Avg. By General Job Categories (con't)</u>		<u>Sept.</u>
5.	Polyco	0.8
6.	Shipping	0.3
7.	Maintenance	0.7
8.	Development	0.1
9.	Oper. and Admin.	0.5
10.	Total Site	2.0

II. Area Monitoring

A. MAC Room Status

1. Bendix Monitoring System

a.	System #1, monitoring 16 points recorded alarms listed below:	
	High Level Alarms	149
	Low Level Alarms	777
	% of Time System #1 in Alarm	20.3%
b.	System #2, monitoring 16 points recorded alarms listed below:	
	High Level Alarms	98
	Low Level Alarms	679
	% of Time System #2 in Alarm	1.3%
c.	System #3, monitoring 9 points recorded alarms listed below:	
	High Level Alarms	10
	Low Level Alarms	152
	% of Time System #3 in Alarm	3.6%
d.	Total number of alarms for month	1,865
e.	Total alarm duration in minutes	163,008
f.	% of time all points in alarm	9.2%

2. Bendix Monitoring Equipment Downtime Minutes

a.	System #1	
b.	System #2	3 Days for Repair
c.	System #3	by CIS
d.	Total	or
e.	% Time Down	10% of Total

3. Hnu Unit Status

a.	Two units need repairs of some nature, one unit is out for repair; upon return the other unit will be sent back for repair as well.
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4. Monitoring Equipment Expenses

a.	September - \$2,030.00
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5. Air Intake Monitoring

a.	No. of tests	21
b.	Range ppm	0.1-1.7

6. Special Monitoring (Roof Polyco)(Control Lab/Polyco)

a.	No. of tests	11	3
b.	Range ppm	0.1-0.6	0.1-0.7

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NOISE CONTROL

I. Monitoring Summaries

A. <u>Monthly Monitoring Tests</u>	Sept.
1. Personnel Tested	0
B. <u>Monthly Average Plantwide (8 hr. TWA)</u>	
1. No. Invalid Tests	0
2. No. Tests	0
3. Average dBA	0
4. Range dBA	0

II. Area Monitoring

<u>Area Monitoring</u>				
A.	<u>Monthly Monitoring Tests</u>			
1.	Areas Tested		0	
2.	Area Tests		0	
B.	<u>Monthly Average by Work Area (8 hr. TWA)</u>			
		<u>No. Tests</u>	<u>Avg. dBA</u>	<u>Range dBA</u>
1.	Bldg. #1-M	0	0	0
2.	Bldg. #7	0	0	0

Noise testing will resume in November.

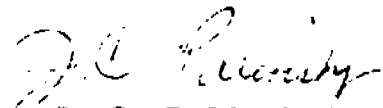
FUTURE ACTIVITIES

I. Projects

- A. Vinyl Chloride Exposure
 - 1. Special area testing will continue.
 - 2. Continued education on when and where to use respiratory equipment.
- B. Noise Surveys
 - 1. Both dosimeter and area monitoring will resume on a limited basis in November.
- C. Housekeeping
 - 1. A program will be devised by November.
- D. Vinyl Acetate & TCE
 - 1. A gas chromatograph will be installed during October to monitor VAc and TCE levels in F-209 & F-210 recovered monomer.

SUMMARY

- I. Portions of the data contained in this report is extracted from reports by R. Slocumb, C. Snyder, and K. Landry to J. C. Palinsky and were only summarized for convenience.


J. C. Palinsky
Safety Engineer

JCP/kxs

BOR 013616



MANAGER'S PROGRESS REPORT EMPLOYEE INJURIES AND ILLNESSES

ORIGINAL

REVISION

DIVISION CODE

ESIS LOCATION CODE

RECORD TYPE

☐ STATISTIC☐ CONTROL (DIVISION USE ONLY)

DIVISION Chemical PLANT or Thermoplastics
BRANCH Leominster MONTH September YEAR 1978
7 9 10 11

	MAN HOURS	FIRST AID CASES	TOTAL RECORDABLE INCIDENTS	TOTAL RECORDABLE INCIDENT RATE	TOTAL LOST WORKDAYS	NUMBER OF LOST WORKDAY CASES	LOST WORKDAY CASE RATE
12	13	20	21	23	24	29	32
A	THIS MONTH	55,404	17	4	14.4	0	0
	THIS YEAR TO DATE	662,076	198	34	10.3	2	0.60
B	* LAST YEAR TO DATE	-	-	-	-	-	-

* Data Not Available From 1977 For September.

INCLUDE ONLY LOST WORKDAYS
AND LOST WORKDAY CASES UNDER
COLUMN 9A OF THE LOG, L-100CURRENT YEAR
GOAL
.92

RECORDABLE INCIDENTS

DATE	EMPLOYEE NAME	OCCUPATION	DEPARTMENT	BRIEF DESCRIPTION OF ACCIDENT	CAUSE OF ACCIDENT	LOST WORKDAY CASE (%)	FATALITY (%)
9/4	Jose Gende	PVC Helper	Production	Strained Lower Back	Opening Discharge Valve		
9/8	Richard Martel	Shift Maint	Maintenance	Strained Right Arm	Pulling Line Blank		
9/9	Gary Lusco	Shift Maint	Maintenance	Strained Left Arm	Removing Bolts		
9/19	Melvin Heglin	Mechanic	Maintenance	Strained Lower Back	Lifting Circulating Pump		

COMMENTS ON ANY SAFETY
TRAINING, JOB ANALYSES &
COMMITTEE ACTIVITIES

MAIL TO DIVISION SAFETY OFFICE NO LATER THAN THE 2nd WORKING DAY OF THE MONTH COVERING THE PRIOR MONTH RESULTS.

cc: J. Heller / M. W. Kline /
H. R. Jepsen, Jr. / N. M. Blackman

MANAGER

October 2, 1978

DATE

TOTAL RECORDABLE INCIDENT RATE = $\frac{\text{NO. OF RECORDABLE INCIDENTS} \times 200,000}{\text{MANHOURS WORKED}}$ LOST WORKDAY CASE RATE = $\frac{\text{NO. OF LOST WORKDAY CASES} \times 200,000}{\text{MANHOURS WORKED}}$



MANAGER'S PROGRESS REPORT VEHICLE ACCIDENTS

ORIGINAL ☐REVISION ☐DIVISION CODE ☐ESIS LOCATION CODE ☐

RECORD TYPE

☐

STATISTIC

☐

CONTROL (DIVISION USE ONLY)

☐☐☐☐☐☐

DIVISION Chemical

PLANT or Thermoplastics
BRANCH Leominster

MONTH September

YEAR 1978

	NUMBER OF VEHICLES	VEHICLE MILES	NUMBER OF CHARGEABLE ACCIDENTS	CHARGEABLE FREQUENCY RATE	NUMBER OF PREVENTABLE ACCIDENTS	PREVENTABLE FREQUENCY RATE
12		33 - 40	41 - 43		44 - 46	
A THIS MONTH	29	83,987	0	0	0	0
YEAR TO DATE	29	1,007,844	5	5.3	2	2.2
B LAST YEAR TO DATE						

CURRENT YEAR
GOAL
1.6

VEHICLE ACCIDENTS

DATE	EMPLOYEE NAME	OCCUPATION	DESCRIPTION OF ACCIDENT	PREVENTABLE (P) NON- PREVENTABLE (NP)	DOT REPORTABLE (✓)
			None		

MAIL TO DIVISION SAFETY OFFICE NO LATER THAN THE 2nd WORKING DAY OF THE MONTH COVERING THE PRIOR MONTH RESULTS.

DRIVER TRAINING

	NUMBER OF SMITH SYSTEM INSTRUCTORS	NUMBER OF SMITH SYSTEM DRIVERS	NUMBER OF DDC INSTRUCTORS	NUMBER OF DDC DRIVERS
THIS MONTH	0	0	0	0
YEAR-TO-DATE	0	0	0	0

COMMENTS ON DEFENSIVE

DRIVER TRAINING (e.g.,
DDC, SMITH SYSTEM, etc.)

MANAGER

October 2, 1978

DATE

CHARGEABLE VEHICLE FREQUENCY RATE = $\frac{\text{NO. OF CHARGEABLE ACCIDENTS} \times 1,000,000}{\text{VEHICLE MILES}}$ PREVENTABLE VEHICLE FREQUENCY RATE = $\frac{\text{NO. OF PREVENTABLE ACCIDENTS} \times 1,000,000}{\text{VEHICLE MILES}}$

BOR 013618