

TO: G. D. Bevis FROM: J. C. Palinsky
 LOCATED AT: Leominster, Ma.
 SUBJECT: Monthly Report DATE: November 30, 1978
 October, 1978

HIGHLIGHTS

1. ADT has completed all work related to fire alarm system except a curb box reset indicating device.
2. Northeast Sprinkler replaced the cooling tower valve.
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 repaired and is now being used. Training is 75% complete.
5. EPA punch list work continues.
6. The Bendix area monitoring system was down for short periods in October.
7. CIS initiated the "start-up" of a new chromatograph in the incinerator area in September, but some problems have been encountered.
8. Hnu status is two of three work and one is out for repair. Two Century O.V.A. units were repaired in October.
9. Four material safety data sheets were submitted to J. R. Latham.
10. The Safety Engineer attended the VCSA meeting in Atlanta; a report was issued.
11. One of four EPA Compliance Technicians was hired in October. The rest will be available by December 1, 1978.
12. Institution of a "leak detection" team and leak follow-up has lowered background levels, but not personnel exposure.

VINYL CHLORIDE CONTROL

I. Monitoring Summaries (Personnel)

A. Monthly Monitoring Tests

	<u>October</u>
1. Personnel on Regulated Roster	189
2. Personnel Tested	128
3. Personnel Tests	128
4. Invalid Tests	7
5. Repeat Tests	6
6. Area Tests	36
7. Contractor Tests	0
8. Total Tests	177

B. Monthly Averages By General Job Categories

1. PVC Operators	7.0
2. PVC Helpers	4.0
3. Dryer Building	0.6
4. PVC Supv. and Engineers	12.4
5. Polyco	0.7
6. Shipping	0.2
7. Maintenance	3.5
8. Development	0.1
9. Oper. and Admin.	0.1
10. Total Site	3.6

VINYL CHLORIDE CONTROL (con't)

II. Area Monitoring

October

A. MAC Room Status

1. Bendix Monitoring System

a. System #1, monitoring 16 points recorded alarms listed below:	
High Level Alarms	113
Low Level Alarms	399
% of Time System #1 in Alarm	12.3
b. System #2, monitoring 16 points recorded alarms listed below:	
High Level Alarms	80
Low Level Alarms	298
% of Time System #2 in Alarm	1.2
c. System #3, monitoring 9 points recorded alarms listed below:	
High Level Alarms	18
Low Level Alarms	62
% of Time System #3 in Alarm	1.4
d. Total number of alarms for month	970
e. Total alarm duration in minutes	102,338
f. % of time all points in alarm	5.7

2. Bendix Monitoring Equipment Downtime

Minutes

a. System #1	0
b. System #2	0
c. System #3	0
d. Total	0
e. % Time Down	0

3. Hnu Unit Status

a. One unit is out for repair.

4. Monitoring Equipment Expenses

a. October - \$363.00

5. Air Intake Monitoring

a. No. of tests	0
b. Range ppm	0

6. Special Monitoring

a. No. of tests	0
b. Range ppm	0

NOISE CONTROL

I. Monitoring Summaries

A. Monthly Monitoring Tests

1. Personnel Tested	0
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B. Monthly Average Plantwide (8 hr. TWA)

1. No. Invalid Tests	0
2. No. Tests	0
3. Average dBA	0
4. Range dBA	0

NOISE CONTROL (con't)

II. Area Monitoring

A. Monthly Monitoring Tests

	<u>October</u>
1. Areas Tested	0
2. Area Tests	0

B. Monthly Average by Work Area (8 hr. TWA)

	<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 and enforcement will continue.

B. Noise Surveys

1. Both dosimeter and area monitoring will resume on a limited basis in December.

C. Housekeeping

1. A formal program has been delayed due to EPA involvement.

D. Vinyl Acetate & TCE

1. A gas chromatograph will be installed during November to monitor VAc and TCE levels in F-209 and F-210 recovered monomer.

SUMMARY

1. 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



MANAGER'S PROGRESS REPORT
EMPLOYEE INJURY AND ILLNESSES

ORIGINAL

REVISION

DIVISION CODE

ESIS LOCATION CODE

RECORD TYPE

☐ STATISTIC

☐ CONTROL (DIVISION USE ONLY)

DIVISION Chemical

PLANT or
BRANCH

Thermoplastics
Leominster

MONTH October

YEAR 1978

		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	24			27	29	30	32		
A	THIS MONTH	55,404		16		3		10.8		0		0		0.0	
	THIS YEAR TO DATE	55,404		16		3		10.8		0		0		0.0	
B	LAST YEAR TO DATE	56,010		25		2		7.1		26		1		1.8	
										INCLUDE ONLY LOST WORKDAYS AND LOST WORKDAY CASES UNDER COLUMN 9A OF THE LOG, L-100				CURRENT YEAR GOAL 0.92	

RECORDABLE INCIDENTS

DATE	EMPLOYEE NAME	OCCUPATION	DEPARTMENT	BRIEF DESCRIPTION OF ACCIDENT	CAUSE OF ACCIDENT	LOST WORKDAY CASE (%)	FATALITY (%)
10/10	Jerry Loper	Mechanic	Maintenance	Laceration and bruise of knuckle right hand.	Sledgehammer		
10/3	Ralph Gagne	Operator	Production	Chemical burn of head, shoulder, eye, and nose.	Plugged charge line. Failure to follow rules.		
10/3	Rene E. Maillet	Helper	Shipping	Surgical removal of foreign body left eye.	Wind blowing foreign matter.		

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 / N. M. Blackman

MANAGER

October 31, 1978
DATE

TOTAL RECORDABLE INCIDENT RATE = NO. OF RECORDABLE INCIDENTS X 200,000 / MANHOURS WORKED

LOST WORKDAY CASE RATE = NO. OF LOST WORKDAY CASES X 200,000 / MANHOURS WORKED



MANAGER'S PROGRESS REPORT

VEHICLE ACCIDENTS

RECORD TYPE ☐ STATISTIC
☐ CONTROL (DIVISION USE ONLY)ORIGINAL ☐REVISION ☐DIVISION CODE ☐

ESIS LOCATION CODE

2
3 6

DIVISION Chemical

PLANT or Thermoplastics
BRANCH Leominster

MONTH October

YEAR 1978

12		NUMBER OF VEHICLES	VEHICLE MILES	NUMBER OF CHARGEABLE ACCIDENTS	CHARGEABLE FREQUENCY RATE	NUMBER OF PREVENTABLE ACCIDENTS	PREVENTABLE FREQUENCY RATE
		33	40	41	43	44	45
A	THIS MONTH	28	90,834	0	0.0	0	0.0
	YEAR TO DATE	28	90,834	0	0.0	0	0.0
B	LAST YEAR TO DATE	35	88,793	0	0.0	0	0.0

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	-	-	-	-
YEAR-TO-DATE	-	-	-	-

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

October 31, 1978

MANAGER

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 013613