



Air Products and Chemicals
INC.

CALVERT CITY PLANT
INTEROFFICE MEMORANDUM

To: R. C. Lietzau

Date: 29 April 1980

From: B. D. Helms

Copies: J. J. Baliker
R. J. Lomicky
T. R. Low

Re: Safety, Health and
Environmental - March
Monthly Report

The departmental monthly reports are attached.

B. D. Helms

AP00045045



Air Products and Chemicals
INC.

CALVERT CITY PLANT
INTEROFFICE MEMORANDUM

To: B. D. Helms
Date: 29 April 1980
From: E. K. McIntyre
Copies: D. I. Hawes
F. R. Saul
J. C. Novak, Trexlertown
Re: Monthly Safety Report -
March, 1980

Safety Education Topic

1. The March safety topic was "Tornados and Severe Thunderstorm" procedures. This topic was selected from the Safety Manual due to seasonal weather and revisions of the procedure. Posters throughout the plant and the main billboard reemphasized this safety theme. The safety meeting contained essential information for what to do in case of a tornado, whether at home or at work.
2. Two complete shifts were trained in OSHA 1910.1017 Vinyl Chloride standards. This included training and tests on OSHA Safety and Health Standards and VCM Health Hazards. The other two shifts are scheduled for April, 1980.
3. Twelve (12) new employees received safety orientations.
4. Conducted four (4) CPR recertification classes for the Fire and Rescue Squad for four (4) hours each. (See letter on meeting and attendance.)
5. Conducted two (2) PVOH operations safety meetings for four (4) hours each on
 - a. Fire extinguishers (types and usage)
 - b. Slips, trips and falls
 - c. Self-contained breathing apparatus usage

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6. F. R. Saul attended Four Rivers Safety Council meeting.
7. D. I. Hawes, F. R. Saul and E. K. McIntyre attended training seminars on Handling Hazardous Material Emergencies at Welbourn Hospital, Evansville, Inc. on the weekend of March 22nd and 23rd.
8. D. I. Hawes obtained necessary materials needed for two (2) hose safety displays. A procedure, handout, and an agenda have been written on hose use and application to be used in the April safety meetings.
9. D. I. Hawes attended a Communications Workshop March 19-21, 1980.

Hot Work Permits

There were 83 Hot Work Permits approved by the Safety department.

Projects

1. PVC had four (4) additional road blocks added to the production area and control room block.
2. All plant Scott Air Paks were audited in March with two (2) new ones being added: one in the gatehouse (T-2), and one in PVC Maintenance shop (C-16).
3. Inspected all fire systems with our fire insurance representative and found no outstanding deficiencies. Reviewed the previous report with J. J. Baliker, B. D. Helms, F. R. Saul and insurance engineer and all previous recommendations have been corrected or removed from the report with the exception of the requirements to place fire protection around the Emulsion ethylene storage tanks.
4. Hazards review was conducted in Waste Treatment new expansion plus three (3) new extinguishers were added to this area. (See Hazard review report.)
5. Made final tie-in of the LEL monitoring sensors to the automatic deluge sprinkler system at the monomer recovery structure improving plant fire protection.
6. Covered PVC shutdown during two (2) days. No incidents occurred.

Security

1. Scrap Material Procedure approved by the Central Safety Committee was implemented on the 5th of March 1980 and was audited all four Thursdays of March.
2. Salable Scrap Material Procedure approved by the Central Safety Committee was implemented on the 5th of March 1980 and was audited all four Thursdays of March.

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3. Complete Security Program was implemented 3 March 1980. (See Program.)
4. Investigated a missing air compressor. (See report of investigation.)

Ambulance

1. New O₂ system installed in ambulance in upright position providing better care and more room.
3. Pneolator has been removed from the ambulance and a resuscitator placed in service. This resuscitator requires less room and the O₂ tanks are adaptable to our new O₂ supply system.

Committee Meetings

1. Safety training in March by plant breakdown is presented in detail in Table I.
2. Activities of area safety committees in March are detailed in Table II.
3. The Central Safety Committee was held as scheduled during the month.

Lost Time and OSHA Cases

Calvert City experienced one (1) OSHA recordable case for the month of March, 1980. This case was charged to PVC and involved John Smith, Jr.'s wreck on his bicycle. (See report.)

Statistics

	<u>March</u>	<u>FYTD</u>
First Aid Cases	37	164
Total OSHA Recordables	1	9
Total Lost Workday Cases	1	6
Total Lost Workday Cases Away From Work	0	1
Total Manhours Operated	117,691	676,894
Total Manhours Without a Lost Time Injury	117,691	613,895
Total Recordables Incidence Rate		2.7
Severity Rate		26.9

E. K. McIntyre
E. K. McIntyre

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MARCH, 1980

TABLE I

DEPARTMENTAL MONTHLY MEETINGS

PLANT OR DEPARTMENT	MEETINGS HELD/STD	RPTS/STD	MAIN TRAINING TOPIC	IH, HEALTH HAZARD COVERED	SWP TRAINING	PROCEDURES REVIEWED	OTHER
Acetylenics	3/4	3/4	Tornados	-	-	Smoking Areas	-
Catalyst	0/3	0/3	-	-	-	-	-
Emulsion	0/4	0/4	-	-	-	-	-
Laboratory	2/2	2/2	Tornados	-	-	Smoking Areas	-
Maintenance et al	6/6	1/1	Tornados	-	-	Work Permits	-
Technical	1/1	1/1	Tornados	-	-	-	-
Project Engineering	1/1	0/1	Tornados	PVOH and VCM	-	Smoking Areas	-
Purchasing	1/1	0/1	Cancer	-	-	-	-
PVC	2/4	2/4	OSHA VCM Regulations	VCM	-	Misc. Operations	Work Permits, Computer Changes, Bulk Loading, Stripping
PVOH	2/4	2/4	Fire Extinguishers, Scott Air Paks	-	-	-	Basic Life Support Falls, Fires, Ladder
Utility-Boiler	4/4	4/4	Tornados	-	Draining Fire Water Gravity Tank	Smoking Areas	-
Vac. - River	1/1	1/1	Tornados	-	-	Smoking Areas	-
Distribution	1/1	1/1	Tornados	-	-	Tornado Evacuation	Weatherband Radio
Warehouse	1/1	1/1	Tornados	-	Unloading Catalyst	Smoking Areas	-
Waste Treatment	3/4	1/4	Tornados	-	-	Smoking Areas, Horseplay	-

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TABLE II
AREA SAFETY COMMITTEES

PLANT OR DEPARTMENT	MEETINGS WITH WRITTEN REPORTS	INSPECTIONS/REPORTS	SWP's REVIEWED	AREA SAFETY COMMITTEE REPORTS
Acetylenics	1/0	7/4	Ether Tank Draining	1
Catalyst	-	-	-	-
Emulsion	-	-	-	-
Laboratory	1/0	1/0	-	1
Maintenance	-	-	-	-
Project Engineering	1/0	1/1	-	1
Technical	-	-	-	1
PVC	-	1/0	-	1
PVOH	-	-	-	1
Utilities and Waste Treatment	1/1	2/2	Draining Fire Water Gravity Tank	1
Distribution and VAc	1/1	3/3	-	1

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