

To: Joe Ware

From: D. W. Hollis
Date: March 1, 1985

Subject: VINYL 1985 SAFETY PROGRAM

Interoffice
Communication

VISTA

A safety dinner meeting was held February 15 to review Vinyl's 1984 Safety/VCM exposure performance and to develop a program for 1985. The attendees were: Chris Turner, Ray McGhee, Bobby Hawkins, Rodger Collins, Alton Reeves, Dean Honeycutt and David Hollis.

The topics discussed were:

- 1) 1984 Review
 - a. Injuries
 - b. VCM Exposure
- 2) 1985 Department Goals
- 3) New Procedure for Yard Operator Assistance
- 4) 1985 Safety Program

A lot of discussion was centered around causes of VCM overexposure and methods to reduce exposure without respirators. This included both Vinyl and Maintenance employees.

The 1985 Safety Program as outlined in the following pages shows a commitment to make everyone aware that safety is a full time job.

David Hollis

D. W. Hollis

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attachment

VINYL 1985 SAFETY PROGRAM

I. Monthly Safety Meetings

- A. Have two meetings dedicated to writing and discussing Job Safety Analysis.
- B. Have one meeting discussing home safety and home emergency preparedness.
- C. Have the Safety Department give the required annual respirator training to provide shift-to-shift consistency.
- D. Prepare the monthly meetings so that there is more operator participation.
- E. Have a meeting to review the recently revised power failure procedure.

II. On-Shift Meetings

- A. Develop the use of short on-shift meetings to discuss recent safety problems, operational problems and review new or existing procedures.
- B. These meetings would also be used to get operator feedback on developing operational problems.

III. Training Needed

- A. Train the "A" operators to assist in permit procedures by learning to clear equipment and prepare for maintenance.
- B. Have a training session for the Shift Supervisors and Chief Operators on the VCM tank farm. This would cover the rail-car unloading operation and environmental/safety systems at the tank farm.

VINYL SAFETY REVIEW

- 1) 1984 REVIEW
 - a) INJURIES
 - b) VCM EXPOSURE
- 2) 1985 DEPARTMENT GOALS
- 3) YARD SUPPORT
- 4) 1985 SAFETY PROGRAM

VINYL INJURIES

Lee Childers - 12/22/84 - OSHA - bruised/fractured heel and strained knee -
fell off ladder while trying to open valve.

Mike Nathan - 7/9/84 - OSHA - cut finger on insulation band - not wearing
gloves.

Milton Threadgill - 7/8/84 - FA - got a bug in his eye.

Sammie Stokes - 8/2/84 - FA - Skinned his knee - Climbed up on the old unit
dump box to open a valve.

VINYL VCM EXPOSURE

A

DATE	NAME	EXPOSURE	SOURCE
84/01	Reactor Operator	1.2 ppm- respirator	Changing VCM filters in old unit.
	Reactor Operator	1.4 ppm- respirator	Conducting a VCM leak check in old unit.
	Lead Operator	1.5ppm- no respirator	Worked in control room when pressurization was not working.
	Shift Supervisor	2.4ppm- respirator	Checking VCM filter packs in both units.
84/02	Chief Operator	29.1 ppm- respirator	Helping change VCM filter pack.
84/03	Chief Operator	454 ppm- respirator	Helping control emergency VCM release at tank farm.
	Reactor Operator	3.7 ppm- no respirator	Routine duties. No specific cause identified.
	Reactor Operator	3.8 ppm- no respirator	Routine duties. No specific cause identified.
84/04	Reactor Operator	1.4 ppm- respirator	Checking for leaks in the old unit.
	Reactor Operator	145.6 ppm- respirator	Changing VCM filter packs.
84/05	Chief Operator	16 ppm- no respirator	Disconnecting and unplugging lip seal line on D300.
	Reactor Operator	1.8 ppm- respirator	Changing VCM filter pack.
	Reactor Operator	6 ppm- no respirator	Routine duties. No specific cause found.
	Reactor Operator	3.7 ppm- no respirator	Painted handrails at incinerator and helped label breakers in V11 dryers. No cause found.
	Utility	10.7 ppm- respirator	Monitoring blend tank level during pond resin pump up.
	Yard Operator	2.5 ppm- respirator	Helped mechanics work on Corkens at tank farm.
84/06	Chief Operator	3.7 ppm- respirator	Blocking in VCM pump with blown seal.
	Lead Operator	4.8 ppm- respirator	Pumping pond resin.
	Reactor Operator	3.9 ppm- respirator	Changing VCM filter packs.

VINYL VCM EXPOSURE

A

DATE	NAME	EXPOSURE	SOURCE
	Lead Operator	1.3 ppm- no respirator	Spent entire shift in control room. No cause found.
	Yard Operator	1.7 ppm- respirator	Hooking/unhooking VCM rail cars and working on Corken compressors.
84/08	Chief Operator	1.2 ppm- respirator	Changing VCM filter pack.
	Reactor Operator	10.1 ppm- no respirator	Doing routine job. No cause found.
	Reactor Operator	1.4 ppm- respirator	Sampling 745 reactor.
	Reactor Operator	2.9 ppm- no respirator	Training another operator in old unit. No specific cause found.
	Utility	1.1 ppm- no respirator	Training in old unit. No specific cause found.
	Yard Operator	2.6 ppm- respirator	Hooking/unhooking VCM railcars.
84/09	Lead Operator	2.2 ppm- no respirator	Working in vicinity of a VCM filter pack being changed.
	Yard Operator	1.3 ppm- respirator	Hooking/unhooking VCM railcars.
	Yard Operator	1.3 ppm- respirator	Hooking/unhooking VCM railcars.
84/10	Reactor Operator	23.5 ppm- respirator	Changing VCM filter packs.
	Reactor Operator	2.6 ppm- respirator	Rinsing out Chem Wash tank.
	Reactor Operator	16.1 ppm- respirator	Changing VCM filter pack.
84/11	Yard Operator	4.6 ppm- respirator	Hooking/unhooking VCM railcars.
84/12	Reactor Operator	1.9 ppm- respirator	Washing out Chem Wash tank.
	Yard Operator	2 ppm- respirator	Unloading VCM railcars.
	Reactor Operator	1.7 ppm- respirator	Looking for leaks in the new unit.

<u>MONTH</u>	<u>CLASSIFICATION</u>	<u>LEVEL</u>	<u>RESPIRATOR</u>	<u>EXPLANATION</u>
JAN 85	Mechanic	2.5	NO	Worked near corken in shop
JAN 85	Mechanic	2.5	NO	Worked near corken in shop
DEC 84	Electrician	1.2	NO	Greasing Pump Drive Motors in New Unit
NOV 84	Mechanic	1.1	NO	Welding on Gump
NOV 84	Mechanic	2.0	NO	Insulating in New Unit
OCT 84	Instrument	7.6	NO	Changing Sight Glass on S. K.O. Pot
SEP 84	Mechanic	1.5	NO	Changing 743 Chem. Wash. on D-300
AUG 84	Mechanic	1.9	NO	Blanking D-300 Condenser prior to Drilling
AUG 84	Mechanic	6.2	YES	Changing out two corken compressors at Tank Farm
JUL 84	Mechanic	50.3	YES	Changing Valve in VCM Line - Old Unit
JUN 84	Mechanic	82.2	YES	Removing Main VCM Valve going to New Unit Recovery System
MAY 84	Mechanic	2.5	YES	Repairing corken compressor at Tank Farm
MAY 84	Mechanic	2.2	YES	Blanking out 904 Recovery Compressor
MAY 84	Mechanic	1.3	NO	Changing Seal on D-300
MAY 84	Maint. Supv.	1.5	NO	No specific cause identified
MAY 84	Maint. Supv.	1.4	NO	No specific cause identified
APR 84	Mechanic	5.4	YES	Changing Safety Discs on D-300

<u>MONTH</u>	<u>CLASSIFICATION</u>	<u>LEVEL</u>	<u>RESPIRATOR</u>	<u>EXPLANATION</u>
APR 84	Mechanic	2.4	YES	Changing Sight Glass on VCM Bullets
APR 84	Mechanic	2.2	YES	Cleaning Sight Glass on VCM Bullets
APR 84	Instrument	9.3	NO	Repairing Tubing on Batch Water Stripper
MAR 84	Mechanic	1.3	YES	Changing out a corken compressor
MAR 84	Mechanic	1.5	NO	Tightening leaking Condenser Lid - D-600
MAR 84	Mechanic	1.7	NO	Work on #2 Centrifuge with Pond Resin running
MAR 84	Mechanic	14.8	NO	Changing D-742 Slow Vent Line
FEB 84	No Exposures			
JAN 84	Mechanic	1.6	NO	Repairing VCM leaks
JAN 84	Mechanic	1.6	NO	Insulating pipe at D-400, 500, & 600
JAN 84	Electrician	2.0	NO	Working in Compound & Dry Blend, unknown source
JAN 84	Mechanic	2.4	YES	Removing a Blank from a VCM Charge Line
JAN 84	Mechanic	3.3	NO	Working in Plasticizer Tank Farm, unknown source
JAN 84	Mechanic	21.3	YES	Repairing VCM Recovery Compressor leak