

Monsanto

FROM (NAME & LOCATION) W. W. Latimer - Texas City, TX (O-13)

DATE March 10, 1983

cc J. A. Glass
 D. D. Kos
 G. L. Tromblee
 G. Escamilla
 P. D. Johnson
 J. H. Cross

SUBJECT SHAC Minutes from Meeting
 of March 9, 1983

REFERENCE

TO : R. Baca
 A. H. Conrad
 R. M. Fritz
 ✓ R. T. Hammann
 W. G. Howe

The 1983 SHAC JRA was reviewed (copy attached). It was agreed that the goals were very difficult but achievable with outstanding effort.

Previous bicycle safety and handling history was reviewed. It was agreed that most items were not a safety concern and that SHAC should not be involved. H. Conrad will discuss with Tromblee and PMSB.

Dr. Daniel Lanier - General Motors - is the contact in regard to the Drug & Alcohol Abuse program for GM. Two films are available. Latimer will contact him.

Baca issued a questionnaire regarding vessel blinding (copy attached)

H. Conrad discussed the Dept. 53 spill at orthozylene incident (copy attached). Conrad will issue a SHAC alert in April.

NEW BUSINESS

Proper ladder installations were discussed. Baca will issue a letter to contract supervisors detailing the proper procedures regarding ladders.

OLD BUSINESS

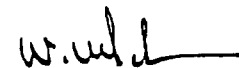
Copy of the SHAC Action items for 1983 was issued by Hammann (copy attached).

Survey of N₂/Air tie-in was discussed (copy attached) - will be discussed next week.

Quarterly housekeeping/inspection checklist was discussed (copy attached).

Howe communicated the members of each inspection team.

Fritz will chair SHAC next week.


 W. W. Latimer

/dc

Attachment

LAM002418

SC

001218

Mansanto

PRINCIPAL THREAT

COMPANY CONFIDENTIAL

JOB RESULTS ANALYSIS - GOA 19 83

Implement STOP training for all employees by end of year.

LOCATION Texas City, Texas

NAME Safety & Housekeeping Action Committee

JRA DATE

GOALS-DATE

TITLE

GENERAL CONDITIONS PREMISES

Planned safety and housekeeping programs are funded.

RESULTS TO BE WORKED TOWARD	GOALS	JOINT ACCOUNT ABILITY	RANGE		WEIGHT
			BASIC	OUTSTANDING	
1. Improved plant safety performance.	In 1983 achieve targeted plant safety performance of no more than 15 recordable injuries and 3 lost work day injuries.	✓	22 R.I. 5 T.L.W.I.	13 R.I. 2 T.L.W.I.	Implement competitive quarterly inspections by 1st quarter, and achieve outstanding rating in annual safety and housekeeping inspection.
2. Sustained and improved high level of safety and housekeeping. In 1983, emphasis will be on implementing the competitive quarterly safety and housekeeping inspections.	Achieve outstanding rating in Corporate Annual Safety and Housekeeping Inspection.	✓	Complete training of chiefs and leadmen and begin training of non-exempt personnel.	Complete training of all employees by end of year.	
3. Improved effectiveness of STOP. In 1983, emphasis will be on expanding program.	Insure implementation of STOP training for all employees by end of year.	✓			
4. Improved plant wide safety training. In 1983, emphasis will be on evaluating existing programs for hourly and salaried personnel and recommend changes as appropriate.					

JRA APPROVED BY
DATE 3/4/83

Goals represent % of total performance

JRA APPROVED BY
DATE 3/4/83

Mansanto

Principal Thrust

COMPANY CONFIDENTIAL

JOB RESULTS ANALYSIS - GOA 1983

LOCATION Texas City, Texas NAME Safety & Housekeeping Action Committee
JRA DATE GOALS DATE TITLE

GENERAL CONDITIONS/PREMISES

RESULTS TO BE WORKED TOWARD	GOALS	JOINT ACCOUNTABILITY	BASIC	CHANGE	OUTSTANDING	WEIGHT
(1)						
5. Improved safety awareness of contractor personnel. Emphasis in 1983 will be to recommend a site policy.						
6. Improved level of safety awareness through implementation of plant safety promotional efforts. In 1983, emphasis will be on drug abuse, bicycle rules and safety device testing.						

GOALS APPROVED BY

DATE

JRA APPROVED BY
DATE 3/4/83

Goals represent % of total performance

LAM002420

SC

001220

Monsanto

FROM (NAME & LOCATION): R. Baca - Texas City Texas

DATE: March 7, 1983
SUBJECT: Non-Entry Inspections

CC: PMSTB
SHAC

REFERENCE:

TO : Distr. List

SHAC has been requested to review the practice of opening vessels for non-entry inspections without blinding. Please complete the following questionnaire and return to Rufus Baca at SS-18 by March 25, 1983.

Do you open any vessels in your area without blinding for non-entry inspections?

If the answer is Yes, please attach the procedure used.

If your answer is No, do you feel that vessels can be opened safely for non-entry inspections without blinding? If so, state procedure that you would follow.

Rufus Baca

/ls

SC

001221

LAM002421

INCIDENT BULLETIN

SPILL IN DEPT. 53

INCIDENT

The weak seam roof of an orthoxylene storage tank (53T702) was split in a small section due to overfilling of the storage tank while unloading a barge on February 25, 1983. The resulting spill was contained in the diked area without external release. There were no personnel injuries.

CAUSE AND CONTRIBUTING FACTORS

The cause of this incident was the failure of Material Handling personnel to check storage space available in the orthoxylene tank prior to the start of barge unloading operations. A contributing factor was the lack of a high level alarm or overflow device on the storage tank.

RECOMMENDATIONS

Material Handling personnel should emphasize the proper measurement calculations of storage space availability prior to beginning of unloading operations.

RESPONSIBILITY: V. P. Osburn

TIMING: Immediately

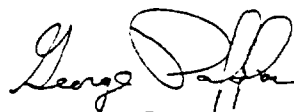
All units should be made aware of this potential hazard and should assess storage tanks in and out of battery limits for proper high level monitoring.

RESPONSIBILITY: SHAC

TIMING: April, 1983

PLANT MANAGER'S COMMENTS

Failure to recognize that there was insufficient storage space available in a tank prior to unloading a barge is the primary cause of this serious incident. If we are oblivious to something as obvious as insufficient space in a storage tank, what are our chances for finding those smaller, not so obvious things, which can also result in serious consequences? We must continually think about what we are doing. We must remain alert to our surroundings.


George Pappas

Post: 3/8/83

Remove: 3/22/83

3/9/83

SHAC ACTION ITEMS 1983

NUMBER	DESCRIPTION	DATE SHAC ACCEPTED	SHAC RESPONSIBLE PERSON	TARGET DATE	COMMENTS	STATUS
AHC-1	Continuing Assignments: a. Contractor Safety b. Weekly Minutes c. Quarterly Inspections d. Annual Inspection e. Safety Calendar f. Procedure Bulletins g. OSC Coordinator h. TCSC Coordinator i. SHAC Action Reports	01/17/83	Baca Latimer Howe Fritz Hamann Baca Hamann Fritz Hamann			
AHC-2	Competitive Safety/Housekeeping Awards		Baca		Designed & ordered for 1st Quarter.	
AHC-3	Publicity for Quarterly Safety/Housekeeping Inspection	02/02/83	Howe/Fritz	02/21/83 02/28/83 03/07/83 03/09/83 03/14/83	Bulletin board announcement. Present to expanded staff--scheduled for 03/04/83. Present to OSC, TCSC, and HSC--after expanded staff. Included in Plant News. Marquee display.	Complete
AHC-4	Carryover from 1982 SHAC a. P-Bulletin Revisions: 1) P-0116 2) P-0121 3) P-0123 b. Safety shower signs c. Sample bottle disposal d. 1982 S&PP Survey Recommendations 1) 82-1, Nitrogen back-up of instrument air		Hamann Baca Latimer Hamann	03/01/83 06/01/83	Revisions made and bulletins issued. Testing new signs. Survey complete showing nine systems in plant. Information tabulated for review.	Complete

SC

LAM002423

001223

NUMBER	DESCRIPTION	DATE SHAC ACCEPTED	SHAC RESPONSIBLE PERSON	TARGET DATE	COMMENTS	STATUS
	2) 81-6, Portable Bldgs/Trailers		Hammann	05/01/83	Survey complete and letters written requesting buildings be moved from questionable locations.	
AHC-5	Prepare SHAC Alerts and Action Requests					
	a. Oxygen Cylinder Storage	02/09/83	Hammann	03/15/83		
	b. Equipment Inspection Practices	02/28/83	Baca/Conrad	04/01/83		
AHC-6	Drug & Alcohol Abuse Program	02/09/83	Latimer		TCSC will assist.	
AHC-7	Contractor Safety Program	02/09/83	Baca		OSC will assist.	
AHC-8	Bicycle Control/Safety	02/02/83	Howe/Conrad		Dredge up old attempts at policy for review.	

SC

LAM002424

001224

NITROGEN/INSTRUMENT AIR HEADER TIE-INS

Dept.	Location	Area	Activation Mode Auto/Manual	Description	Indicator-System In Service	Procedure for Returning to Normal Operations	Comments
33	CT-8 - In pipe rack as Instrument air enters battery limits.		A	Low Instrument air pressure activates	Red light (activated by limit switch on N ₂ valve) on local CT-8 control panel. Checked by day operator Mon. thru Fri.	Operator resets low air header pressure switch.	
77	HCl storage tanks and warehouse - upstream of filter and dryer.		M	Operator opens HV469-9 and HV494-1. Closes filter outlet block valve and FIQ939-1.	HV469-9 and HV494-1 "open" light on - #6 panel. Chief Operator notes in log book.	Close HV469-9 and HV494-1 open filter block valve and FIQ939-1. HV469-9 and HV494-1 "closed" light on #6 panel.	
48/56	Near 56E9		M	Block in header valve and hook up N ₂ hose.	Written in log book.	Open header valve and disconnect N ₂ hose. Written in log book.	
53	North side of unit near T112. Second system for E6 drain and oil valves.		M	Open manual block valves for N ₂ . Close manual block valve for airs (double block and bleed).	Written in log book. E6 system has air or N ₂ indication on panel board.	Close manual block valves on N ₂ . Open manual block valves on air.	E6 system run on N ₂ during winter due to moisture in air.
51	North area - Inlet of Instrument air receiver.		M	Change position of 3-way valve.	Red light on control room panel board.	Switch position of 3-way valve.	
50	NE corner of analyzer bldg. at outlet to 50F511.		M	Connect hose from N ₂ system. Open block valves and switch 3-way valve.	Written in log book.	Block valves, switch 3-way valve, and remove hose.	
44/45/46	*SW corner of control house in pipe rack.		M	Close vented ball valve on N ₂ . Open vented ball valve on air.	Written in log book.	Close vented ball valve on air. Open vented ball valve on N ₂ .	
954 (Power 2)	West side of boiler house North of #3 boiler.		M	Change position of 3-way valve.	Red light on control room panel board.	Switch position of 3-way valve.	
977/972 (Water Treating)	SW corner of Power 2 block in pipe rack.		M	Open valve which is blocked and locked.			Has not been used for years.
*Normally on N ₂ - only switch to air if problem with N ₂ .							

SAFETY/HOUSEKEEPING CHECK LIST

Unit/Shop _____

Date _____ Inspector _____

SAFETY

<u>PERSONAL KNOWLEDGE OF</u>	<u>GOOD</u>	<u>POOR</u>	<u>COMMENTS</u>
Assembly Points	_____	_____	_____
Nearest Shower/Eyebath/Extinguisher	_____	_____	_____
Main Disconnects/Shutoffs	_____	_____	_____
Safety Procedures	_____	_____	_____
Safety Log Book	_____	_____	_____
Emergency S/D Action Required	_____	_____	_____
Area Chemical Hazards	_____	_____	_____
Safety Meetings/Review of P-Bulletins	_____	_____	_____
Out-of-Date Fire Permits	_____	_____	_____

PERSONAL SAFETY EQUIPMENT

Safety Glasses/Goggles	_____	_____	_____
Hard Hats	_____	_____	_____
Acid Hoods/Face Shields	_____	_____	_____
Scott Air Packs	_____	_____	_____
Vapor Proof Suits	_____	_____	_____
Breathing Air Respirators/Hoses	_____	_____	_____
Chemical/Dust Respirators	_____	_____	_____
Shoes/Boots	_____	_____	_____
Hearing Protection	_____	_____	_____

CONDITION OF SAFETY EQUIPMENT

Safety Showers/Eyebaths	_____	_____	_____
Breathing Air Manifolds	_____	_____	_____
Fire Extinguishers	_____	_____	_____
Deluge Systems	_____	_____	_____
Safety Signs	_____	_____	_____
Car Seals on RV Valves	_____	_____	_____
Safety Chains on Chain Operated Valves	_____	_____	_____
Bypassing of Protective Devices	_____	_____	_____

<u>SAFETY HAZARDS</u>	<u>GOOD</u>	<u>POOR</u>	<u>COMMENTS</u>
Missing Handrails/Toeboards	_____	_____	_____
Wet/Slippery Floors	_____	_____	_____
Unchained Gas Cylinders	_____	_____	_____
Ladders	_____	_____	_____
Hoses--Utility/Chemical	_____	_____	_____
Blocked Safety Equipment	_____	_____	_____
Unguarded Rotating Equipment	_____	_____	_____
Spliced Electrical Cord(s)	_____	_____	_____
Uneven Surfaces	_____	_____	_____
Use of Barricade Tape	_____	_____	_____
Scaffolds	_____	_____	_____
Lab/Office Storage of Hazardous Materials	_____	_____	_____
Hose Utilization Training	_____	_____	_____
Control of Crowsfeet or Thor Fittings on Process	_____	_____	_____
Condition of Utility Stations	_____	_____	_____
Lockout of Rotating Equipment	_____	_____	_____
 <u>HOUSEKEEPING</u>			
<u>UNITS</u>			
Control Room	_____	_____	_____
Behind/Inside Panels	_____	_____	_____
Kitchen	_____	_____	_____
Offices	_____	_____	_____
Traffic Areas	_____	_____	_____
Smoke/Break Areas	_____	_____	_____
Lab (if applicable)	_____	_____	_____
Unit Shop	_____	_____	_____
Process Area	_____	_____	_____
Storage Areas	_____	_____	_____
Cooling Towers	_____	_____	_____
Storage Cabinets	_____	_____	_____
 <u>CRAFT/SHOP</u>			
Eating Area	_____	_____	_____
Offices	_____	_____	_____
Work Area	_____	_____	_____
Storage Cabinets/Areas	_____	_____	_____
Smoke/Break Areas	_____	_____	_____
 <u>COMMENTS - OTHER</u>			

LAM002427

SC

001227