

PLANT MANAGER'S SAFETY BOARD
MINUTES OF MEETING
SEPTEMBER 28, 1983

Present were:

G.W. Bostick for G.W. Daues	S.G. Pappas
A.H. Conrad	M.A. Riddle (Guest)
G.A. Danner	G.T. Ryan
R.T. Hammann	J.G. Trafton
R.L. Hammond	G.L. Tromblee
B.C. Lancaster	G.L. Wofford
D.W. Metten	W.D. Walker for J.S. Hagood

I. REVIEW OF STATISTICS--R.T. Hammann

A. Texas City Plant Safety Performance Summary - July/August

	1982			1983			1983 TARGETS
	JUL	AUG	YTD	JUL	AUG	YTD	
(A) INJURIES WITHOUT LOST WORKDAYS (medical treatment only)	1	2	9	2	2	8	11
(B) LOST WORKDAYS CASES	0	1	4	0	0	0	2
**B ₁ RESTRICTED ACTIVITY	0	0	0	0	0	0	—
**B ₂ DAYS AWAY FROM WORK CASES	0	1	4	0	0	0	—
(C) FATALITIES	0	0	0	0	0	0	—
*TOTAL RECORDABLE CASES	1	3	13	2	2	8	13

INJURY RATES PER 200,000 MANHOURS

	1982			1983			1983 MFI	
	JUL	AUG	YTD	JUL	AUG	YTD	TARGETS	JUL
TIR	8.53	9.09	8.76	14.68	13.92	11.83	---	---
TRR	0.71	0.00	1.05	1.73	1.64	0.82	0.87	1.02
TLWR	0.00	0.00	0.35	0.00	0.00	0.00	0.13	0.27
DAWR	0.00	0.00	0.35	0.00	0.00	0.00	---	0.20

B. Comments on Statistics--R.T. Hammann

There were two Recordable Injuries in July. A pipefitter fractured his left thumb when it was caught between the handwheel on a valve handle extension and a support bracket on the handrail. A PT Technician sustained 1st and 2nd degree burns on the left foot when sprayed with hot PEB while sampling 14D4 feed.

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In August there were two Recordable Injuries. A pipefitter cut his left thumb while cutting a plastic "ty-rap" and a machinist sustained a broken finger when it was caught in the safety catch of a crane hook.

There have been no Recordable Injuries so far in September.

Areas having a high cumulative monthly injury rate are:

Power 2
Insulators
Carpenters

Areas showing much improvement in getting their injury rate under control are:

Machinists
Electricians
Instrument
Analysts
Dept. 50
Shops
Pumper Gaugers

Areas having excellent safety records are:

Dept. 513 - 12 months without an injury
Stores - 19 months without an injury

C. Contractor Safety--R.L. Hammond

There was one Recordable Injury in August bringing the total to five for the year. This year's TRR is 6.6 vs. 5.1 for last year. We have had fewer recordable injuries, but also have fewer contractors in the plant.

B.C. Lancaster will issue the report for Contractor Safety next month.

D. CED Safety--B.C. Lancaster

There were six Recordable Injuries in July and four Recordable Injuries in August; two of which were lost-work-day cases. The statistics have not been updated as there have been three Safety men since the 1st of August. Since Brooks Construction Co. seems to have the majority of these recordable injuries, G.L. Tromblee requested additional information concerning their safety record.

II. REPORT OF THE SAFETY ADVISORY COMMITTEE (SAC)--G.A. Danner

No activity to report on.

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III. REPORT OF THE PLANT SAFETY AND HOUSEKEEPING ACTION COMMITTEE (SHAC)--A. H. ConradA. Hourly Safety Committee

Only three members were present due to illness, vacation and shift coverage. The Chairman, Duffey O'Briant, is recovering from heart surgery and, therefore, will not return before the end of his term.

Waldo Hughes was elected as the new Chairman and Bubba Bean has been appointed to replace Duffey O'Briant on the Committee.

1. Status Report on Previous Concernsa. NSI's concerns

- ° Safety meetings were held for all Zone 1 craftsmen.
- ° Dennis Kos met with HSC on 9/27/83 and discussed
- ° Plans are to discuss with all craftsmen throughout the plant.

b. Resuscitators - It is the feeling of LP&S that mouth-to-mouth resuscitation is more effective and requires less refresher training than resuscitators. Therefore, the number of resuscitators in the plant will not be increased.

c. Rig Permitting - Discussed procedure with Maintenance and relayed information on proper permitting to the Committee.

d. Aerosol spray for Fit Test Booth - Currently the chemical DOP is used in an aerosol spray for the Fit Test Booth. The concentration is so low that the risk of using DOP is negligible. However, LP&S is looking for a substitute and will change to a new aerosol whenever a suitable one is found.

2. New concerns:

a. First aid training on hazardous chemicals - The HCN Complex, AN-5, and Lactic Acid units all have first aid procedures for HCN poisoning. These procedures are readily available in the the Operating Manual. These units also have repetitive training in HCN first aid procedures. LP&S is also developing a program to conduct refresher training for the MIECA personnel in the plant.

b. Unit/craft representative training - The present practice is to conduct training about mid-way through the term in order to avoid conflicts with vacation periods, hunting season, holidays, etc. SHAC will review this practice and make recommendation as to any changes which would allow training to be conducted earlier in the term.

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- c. Asbestos Pick-Up - After Hurricane Alicia there was much pick-up of materials throughout the plant. Almost all of the asbestos was confined to the East plant. Contractors and Monsanto insulators wearing proper protective equipment were used to pick up the asbestos in this area. Industrial Hygiene personnel monitored areas throughout the plant and found no significant problems.
- d. Methanol compressor installation job - Working conditions around 44C201 were almost unbearable due to extreme heat as steam was lined up to this compressor before insulation was complete. The action taken to start up the compressor was a conscious one and a practice normally followed in the plant. It had been partially insulated to eliminate any burn hazard. This is an appropriate task for the Unit/Craft Safety Team to review procedures and make recommendations for minimizing heat under similar circumstances.

B. Plans for Annual Safety & Housekeeping Inspection

- 1. Theme - SAFETY AWARENESS PREVENTS ACCIDENTS
- 2. Schedule
 - a. Expanded Staff Meeting - 1500 hours on October 10.
 - b. Inspection - October 24-27
 - c. Inspection feedback - 1330 hours on October 28
- 3. Inspection will be competitive. The Inspection Team will use checklists similar to those used in the Quarterly Inspections. In addition to knowledge, condition of equipment, hazards, and housekeeping, the Inspectors will also review participation in the STOP Program.
- 4. Inspectors:
 - D.A. Barfoot
 - G.A. Danner
 - Ken Gore
 - W.M. Haynes
 - Leonard Schwab
 - G.L. Tromblee, Chairman

C. Bicycle Safety

Several comments were made concerning changes to the proposed procedure. These changes will be incorporated by Harry Conrad and circulated for comments. If no major comments are received this procedure will be issued as plant policy.

D. Contractor Safety

Research has been completed comparing the Texas City plant to the Queeny, Pensacola, Krummrich and Chocolate Bayou plants.

An action plan for reviewing and revising our procedures will be developed by SHAC at their next meeting.

E. Drug and Alcohol Abuse Program

1. The program will consist of supervisory training to be modeled after the Shell Oil Company program.
2. The expected start of this program is January 1984.
3. Recommended action committee to implement this program:

Chairman	- Bill Latimer
Technology	- Gene Wofford
Manufacturing	- Harold Lacy
Maintenance	- Paul Siems
Personnel	- Don Kaldenberg
Training	- Ebert Steele

This program will be previewed with PMSB at a special session prior to implementing.

F. SHAC Alert Issued

- a. Responsibilities of holeman
- b. Use of flexible hose

IV. REVIEW OF INCIDENTSMonsanto Incidents

<u>Date</u>	<u>Incident No.</u>	<u>Description</u>
07/12/83	83-09 (Issued)	Recordable Injury--Dept. 16; pipe-fitter suffered a fractured left thumb while removing a 10" valve from a pipeline that runs parallel to the 16D3 structure. His thumb was pinched between the handwheel of a valve handle extension and a support bracket on the handrail. (Mata)
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<u>Date</u>	<u>Incident No.</u>	<u>Description</u>
07/18/83	83-10 (Issued)	Near-Miss Incident--Dept. 16; Three pipefitters sustained contusions to the arms and legs when the load chain of a chain fall they were using came loose and struck them. The contusions were minor but the incident raised serious concerns on chain fall usage. (Mata)
07/22/83	83-11 (Not Issued)	Recordable Injury--Dept. 14; PT Technician was sprayed with hot PEB while sampling 14D4 feed. Sustained 1st and 2nd degree burns to left foot. (Wise)
08/12/82	83-12 (Issued)	Recordable Injury--Dept. 15/16; Pipefitter cut his left thumb while cutting a plastic "ty-rap". The "ty-rap" was securing 1/2 inch O.D. SS tubing to a 2-1/2" carbon steel pipe. (Wills)
08/15/83	83-13 (Issued)	Recordable Injury--Dept. 15; Machinist sustained a broken bone on the end of his left ring finger when caught by the safety latch of a crane hook. (Richards)
07/27/83	83-14 (Issued)	Tank Overflow--Dept. 51; NO INJURIES. AN storage tank, 51T17-1, overflowed. (McClellan)

Contractor Incidents

06/21/83	C 83-03 (Not Issued)	Recordable Injury/Days-Away-From-Work--Brooks Construction; Old Dept. 10 area; man was struck by pallet when unloading packing for styrene shutdown. Suffered contusions and sprain to left ankle. (Wright)
06/30/83	C 83-04 (Issued)	Recordable Injury--Opel Construction; Dept. 15 Fin Fans; mashed and cut little finger of right hand; crack fracture, four sutures. (Supak)
06/21/83	C 83-05 (Issued)	Recordable Injury/Days-Away-From-Work--Cleveland Construction; Old Dept. 35F; Sprained ankle sliding down rope. (Vornkahl)

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08/27/83 C 83-06
(Issued)

Recordable Injury--Hartnet Construc-
tion; Dept. 51; Finger caught between
bracing and brick while removing
bracing. Three stitches required on
ring finger. (Supak)

V. STATUS OF S-T-O-P PROGRAM--M.A. Riddle for G.W. Daues

Plans for training the hourly (700 people) and non-exempt (150 people) personnel have been completed. Both courses will be 3 book modified courses. The hourly program will parallel the chiefs/leadmen program with special sessions being held for 70 people at a time. The non-exempt program will parallel the supervisory program.

The target for initiating this training is the latter part of October or first part of November.

Concern was raised as to the effectiveness of the chief/leadmen training. It seems to have been a good educational tool, but we have not had much response from them. The Hourly Safety Committee will be asked to consider the program and recommend ways to increase hourly participation.

VI. MISCELLANEOUS--R.T. Hammann

A. Hurricane Procedures/Hurricane Alicia

1. Comments have not been received from everyone concerning the critique of procedures as followed during Hurricane Alicia. A formal memo has been issued requesting these comments.

The Emergency Procedure Plan still needs to be reviewed and rewritten for all areas. Comments from the Hurricane Alicia critique may result in additional changes.

B. Incident Report Followup

There is some concern that not all recommendations from Accidents/Incidents Reports have been completed. Each General Superintendent is to have a program in place for assuring completion of the recommendations. SHAC will check on the effectiveness of this system.

C. Hearing Protection Program

All PMSB members were given a copy of the Plant Hearing Protection Program. PMSB approved the posting of hearing protection signs around those areas having noise levels greater than 85 DB. These signs shall be posted at all entrances or approximately every 50 ft. around the area. Units will be notified when the signs are available from Stores.

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D. OSHA Inspection

Following an informal conference with the OSHA Area Director one possible citation was dropped. The final result of the OSHA inspection on asbestos exposure was that we received one "other" type citation with \$0 value for failure to conduct personnel sampling on a periodic basis (every six months).

VII. PLANT MANAGER'S COMMENTS

After a period in which there was some decrease in the number of STOP cards turned in, this number seems to be increasing again. We need to ensure that safety awareness is at a high level, especially after all the recent occurrences.

Personnel from Mitsubishi Rayon will be visiting the plant with Earl Brasfield on October 19 and our Annual Safety & Housekeeping Inspection will be held the week of October 24. Start now to assure the readiness of our plant for these visit.



R. T. Hammann

RTH:js

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