

PLANT MANAGER'S SAFETY BOARD
MINUTES OF MEETING
DECEMBER 1982

Present were:

G.A. Danner	C.F. Navarrete
G.W. Daues	S.G. Pappas
D.E. Kaldenberg	G.T. Ryan
B.C. Lancaster	A.H. Conrad for J.G. Trafton
D.D. Kos	G.L. Tromblee
C.M. McCullough	J.A. Glass
D.W. Metten	R.M. Fritz

I. REVIEW OF STATISTICS—J.A. Glass

A. Texas City Plant Safety Performance Summary - November

	1981		1982		1982
	NOV	YTD	NOV	YTD	TARGETS
(A) WITHOUT LOST WORKDAYS (medical treatment only)	2	18	2	13	11
(B) LOST WORKDAYS	0	6	0	5	2
**B ₁ RESTRICTED ACTIVITY	0	0	0	0	—
**B ₂ DAYS-AWAY-FROM-WORK	0	6	0	5	—
(C) FATALITIES	0	0	0	0	—
*TOTAL RECORDABLE CASES	<u>2</u>	<u>24</u>	<u>2</u>	<u>18</u>	<u>13</u>

INJURY RATES PER 200,000 MANHOURS

	1981		1982		1982	YTD 1982 MCIC	
	NOV	YTD	NOV	YTD	TARGETS	TARGET	YTD
TOTAL INJURY - TIR	6.71	14.61	12.20	10.29	—	—	—
TOTAL RECORDABLE - TRR	1.49	1.54	1.52	1.17	0.75	1.45	1.21
TOTAL LOST WORKDAY - TLWR	0.00	0.38	0.00	0.32	0.12	—	0.38
DAYS-AWAY-FROM-WORK - DAWR	0.00	0.38	0.72	0.32	—	—	0.31

B. Comments on Statistics

The total injuries for the year are 30% under last year, the total Recordable cases are 25% under last year, and the total Days-Away-From-Work cases are 16% under last year.

Department 33 has completed a year without an injury of any kind. This is an outstanding accomplishment.

Groups having rising trend lines include: Analysts, Departments 51, 13/14/15/16, 44/45/46, Insulators, Pipefitters, and Pumper Gaugers.

The following units have shown an improvement by turning their trend line: Department 50, Carpenters, and Boilermakers.

The following units are well below their best previous year: Machinists, and Instruments.

The overall trend lines for the following units are equal to their best previous year: All Operators as a group, and Maintenance as a group.

C. Contractor Safety—C.M. McCullough

For total plant contractor safety results the Recordable Injury to Total Injury ratio is up with about a 25% higher Total Recordable Rate. However, the Total Days-Away Rate is lower than last year. In Capital Projects contractors show that the Recordable Rate is also up. However, the Total Days-Away Rate shows a long term reduction. Detailed statistics for these two groups will be attached to the minutes.

D. CED Project Safety—B.C. Lancaster

This group suffered a Recordable Injury that was not a lost time injury. It was a laceration that required stitches. The statistics for this group are attached to the minutes.

II. REPORT OF THE SAFETY ADVISORY COMMITTEE (SAC)—C. F. Navarrete

A. SHAC Recommendations, Incident Report 82-22

1. Bypass of safety shower audible alarms during testing. SAC supports recommendation as follows:
 - a. Practice of unrestricted bypass of audible safety shower alarms for testing should be stopped.
 - b. Exceptions to this rule will require explicit approval of the general superintendent. Procedures defined in P-0123 must be followed.
 - c. Policy statement should be communicated through the line and publicized by SHAC Alert on Bulletin Boards.

This recommendation was approved by PMSB.

B. Crowsfeet Connections

We propose to modify SHAC's recommendation as follows:

1. Installation of permanent crowsfeet or THOR fittings on process equipment should be kept to a minimum. Consideration should be given to proper material of construction for the service. Each area will develop control procedures to insure that those fittings not needed for routine, frequent operation are removed.
2. The above policy and the following reminder will be included in a bulletin board announcement.

All utility stations should conform to the plant standard which includes provision for a bleeder valve. Prior to the use of utility hoses, the condition of the connections must be inspected (connection corrosion or rubber grommet aging), and the utility station bleed valve must be checked to ensure operability. Bleed valves are not to be used as another hose connection (this may be prevented by removal of the threads on the outlet of the bleeder valve).

3. We believe that the subject of "Proper Use of Hoses" should be a required subject for one or more safety meetings, plantwide, in 1983. We also recommend that the Quarterly Safety & Housekeeping Inspections make crowsfeet, utility stations, and training received on these items one of the points to be highlighted during inspections in 1983.

This procedure was approved by the PMSB.

C. Steam Lines Inspection

One of the recommendations from the investigation of the failure of the 75 psi Dip Leg on the SW corner of the Office Annex was to consider further inspection of piping by MMTS.

JAG will review subject with MMTS to evaluate current practices and develop appropriate action plan to be reviewed by SAC in January.

D. S&PP Recommendation 82-6, Tank Valve Blind Flanges

In November the SAC supported the recommendation for the installation of blind flanges on tank valves that apply to:

1. Tank bottom valves.
2. Where leak or valve failure could cause a hazardous condition or serious environmental exposure.
3. Large storage tanks where there is very little surveillance.

The Plant Manager's Safety Board members reviewed the status of surveys of their areas and reported the degree of compliance and/or exceptions.

The Plant Manager's Safety Board accepted the recommendation of SAC and stated that tank valve blind flanges should be made a part of the regular inspections within the operating unit and off-battery limit storage area. This change in policy will be added to the procedure bulletin on regular inspections. The modified procedure bulletin will be circulated to the PMSB for approval prior to issue.

III. REPORT OF THE PLANT SAFETY AND HOUSEKEEPING ACTION COMMITTEE (SHAC)---

D. D. Kos

A. Hourly Safety Committee

1. Six of eight in attendance.
2. D. Kos discussed PMSB meeting highlights: statistics, fire, entry, special P-Bulletin, general permit, and STOP status.
3. Reviewed one newly issued procedure bulletin and the hose rupture incidents.
4. Discussed status of physical fitness publicity planned for December.
5. Plant concerns:
 - a. Chief Operators are not hanging permits in all cases.
 - b. Phenol hose draining at Dock 2.

B. Eyebath/Safety Shower Standards

The SHAC proposed standard was reviewed briefly by PMSB. In summary, this is the standard by which all new installations will conform. Comments should be returned to D. D. Kos before January PMSB meeting.

In the July/August PMSB meetings the retrofitting of double eyebath and freeze protection to all present installations was approved. This is to take place over a two to three year period.

C. Fourth Quarter Safety/Housekeeping Inspection

The fourth quarter inspections will be held January 3 through 14. Team members will be contacted for scheduling inspection dates. Emphasis on a detailed, tough inspection.

D. Eating in the Field

Leonard Schwab presented a revised policy which was approved by PMSB. SHAC will prepare and distribute the new policy statements, questions and answers, and the bulletin board notices.

E. 1983 Safety Calendar

SHAC has considered the value and make-up of a Texas City, 1983, safety calendar. An example has been prepared by Elaine Salles of LP&S for the month of January.

Each month would have different safety joggers and important day and week captions highlighted.

This could be done by our printing department. With two colors (red and black) the cost would be low. Estimated time to prepare the total year is two weeks, with possibly some overtime.

The PMSB was requested to approve the following plan: Issue monthly safety calendars--one month in advance. SHAC to administer and prepare calendar content. The first calendar will be prepared by our printing department (trial basis).

The PMSB approved the calendar idea and instructed SHAC to proceed.

F. Items on Active Agenda

1. Sample bottle disposal policy
2. Competition publicity
3. General Permit
4. S&PP Inspection assignments
5. Hose incident assignments

IV. RENEWAL OF FAMILY SAFETY SUBSCRIPTION--J.A. Glass

The Plant Manager's Safety Board approved the renewal of the subscription to Family Safety Magazine to be sent to the homes of all employees.

V. REVIEW OF INCIDENTSMonsanto Incidents

<u>Date</u>	<u>Incident No.</u>	<u>Description</u>
10/26/82	82-32 (issued)	Slip/Fall--Dept. 51; hit head and shoulder. (Townsend)
11/02/82	82-33	Recordable Injuries--Operating
11/04/82	(issued PMSB only)	Engineers; crane parking area (Old Dept. 10); steam burns. (Jackson)
10/29/82	82-34 (not issued)	Spill--Dept. 51; crude ACN; NO INJURIES. (Zabcik)

Contractor Incidents

NONE

SC

003178

LAM004192

VI. STATUS OF S-T-O-P PROGRAM--G. W. Daues

The results of the comment sheets from the last STOP Program offered to supervisors have been compiled with a very positive result. A summary of the results from the comment sheets is attached to these minutes.

The new STOP Program for Chiefs/Leadmen is almost ready for printing. We expect to be able to start this program in January.

VII. FLARE LINE INCIDENT

As a result of the discussion of the recent incident in which there was a flare line flashback resulting from opening a flare line with the flare lit raised serious questions about our control procedures for working on active flare lines. The PMSB has instructed that the Fire and Entry Permit state that a Special Permit will be required for working on or opening an active flare line while the flare is lit.

VIII. PLANT MANAGER'S COMMENTS

The Plant Manager reviewed all of the items that are planned to overcome the "January Syndrome" to increase safety awareness plantwide during this critical period. We have a full agenda of items that are related to keeping the level of awareness up to increase our ability to identify and stop unsafe acts, to highlight the key elements to be remembered during the month of January, a new program for the chiefs and leadmen, and additional safety meetings for all supervisors. The review of the agenda indicates that we have a "full plate" of safety items scheduled for the new year.


J. Arnold Glass

Attachments

JAG/es

SC

003179

LAM004193

TOTAL PLANT CONTRACTOR SAFETY

	<u>1982 YTD</u>	<u>Nov '82</u>	<u>1981 Totals</u>
<u>TOTAL INJURY CASES</u>	53	5	70
<u>RECORDABLE CASES</u>	13	0	12
<u>LOST WORK DAY CASES</u>			
<u>DAYS AWAY CASES</u>	3	0	5
<u>TOTAL MANHOURS WORKED (MHW)</u>	487,518	46,208.25	521,991
<u>FREQUENCY RATES/200,000 MHW</u>			
<u>TOTAL INJURY RATE</u>	21.7	21.6	26.8
<u>TOTAL RECORDABLE INJURY RATE</u>	5.3	0.0	4.5
<u>TOTAL LOST WORKDAY RATE</u>			
<u>TOTAL DAYS AWAY RATE</u>	1.2	0.0	1.9

SC

003180

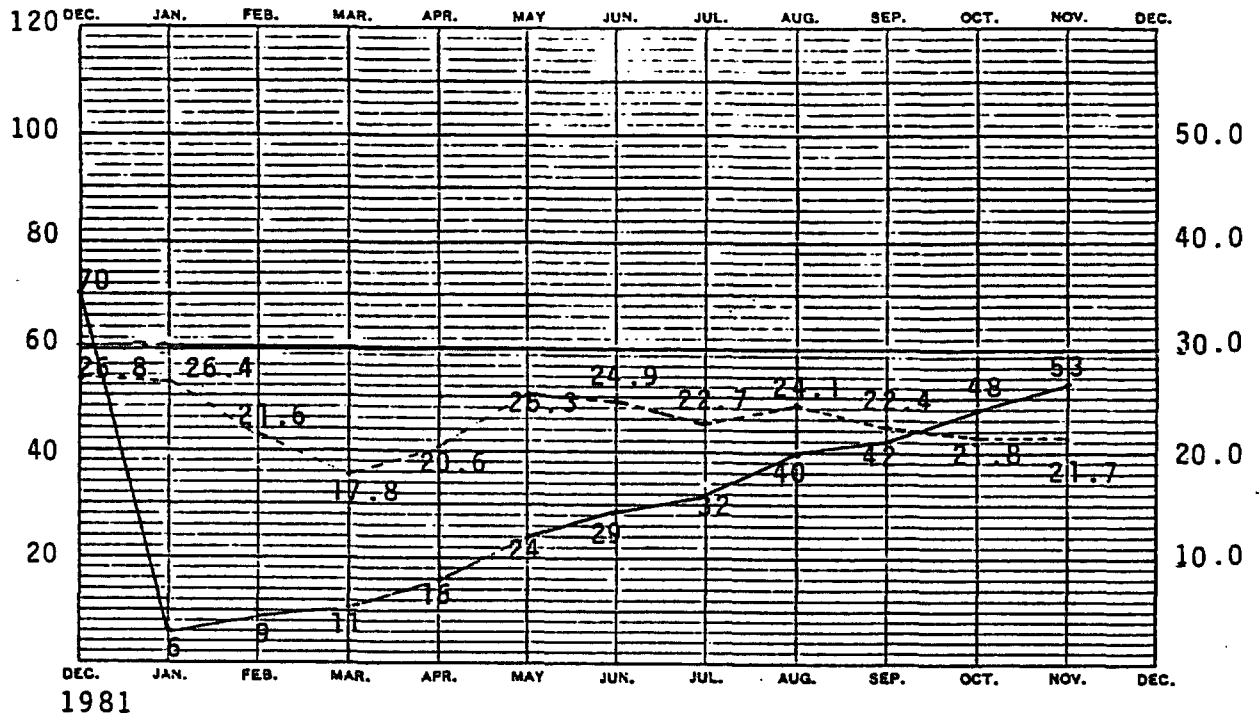
LAM004194

1982 SAFETY - TOTAL CONTRACTORS

———— Total Injuries

----- Total Injury Rate

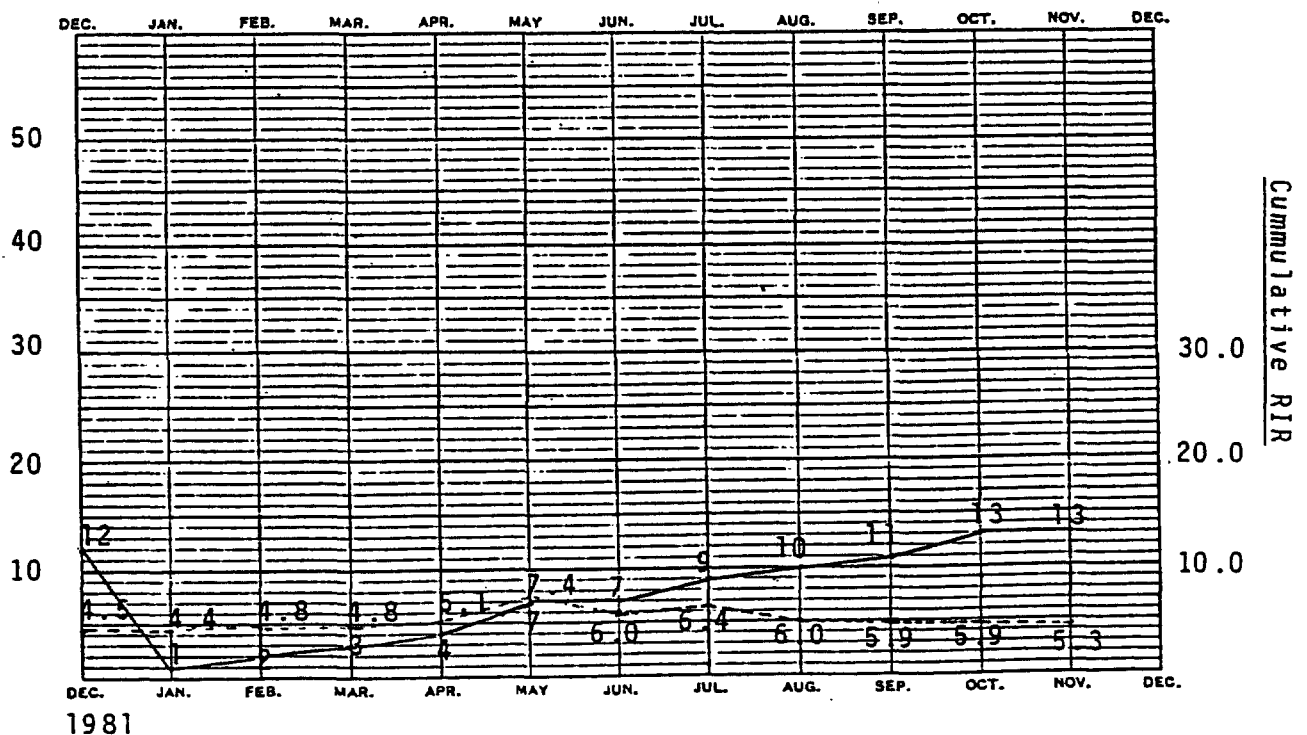
Cummulative Injuries



———— Recordable Injuries

----- Recordable Injury Rate

Cummulative Recordable Injuries



CAPITAL PROJECTS CONTRACTORS

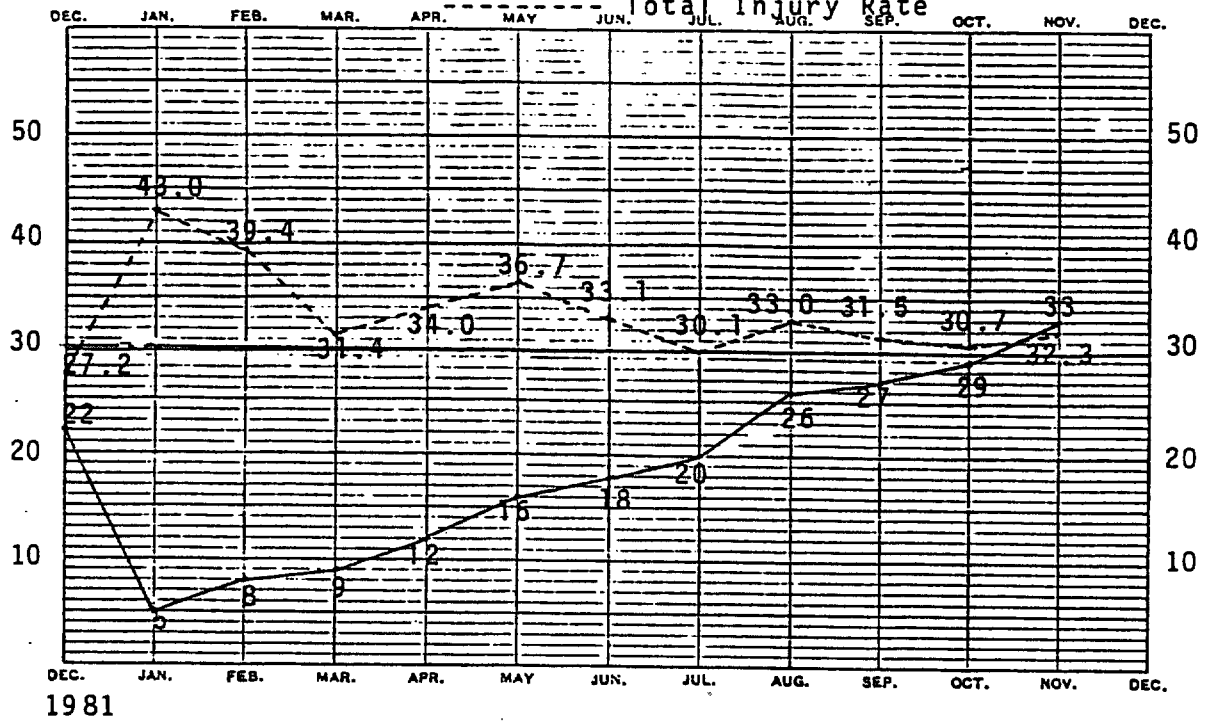
	<u>1982 YTD</u>	<u>Nov '82</u>	<u>1981 Totals</u>
<u>TOTAL INJURY CASES</u>	33	4	22
<u>RECORDABLE CASES</u>	6	0	4
<u>LOST WORK DAY CASES</u>			
<u>DAYS AWAY CASES</u>	2	0	2
<u>TOTAL MANHOURS WORKED (MHW)</u>	204,020.5	14,823.5	161,709
<u>FREQUENCY RATES/200,000 MHW</u>			
<u>TOTAL INJURY RATE</u>	32.3	54.0	27.2
<u>TOTAL RECORDABLE INJURY RATE</u>	5.9	0.0	4.9
<u>TOTAL LOST WORKDAY RATE</u>			
<u>TOTAL DAYS AWAY RATE</u>	2.0	0.0	2.4

1982 Safety - Capital Projects

————— Total Injuries

----- Total Injury Rate

Cummulative Injuries

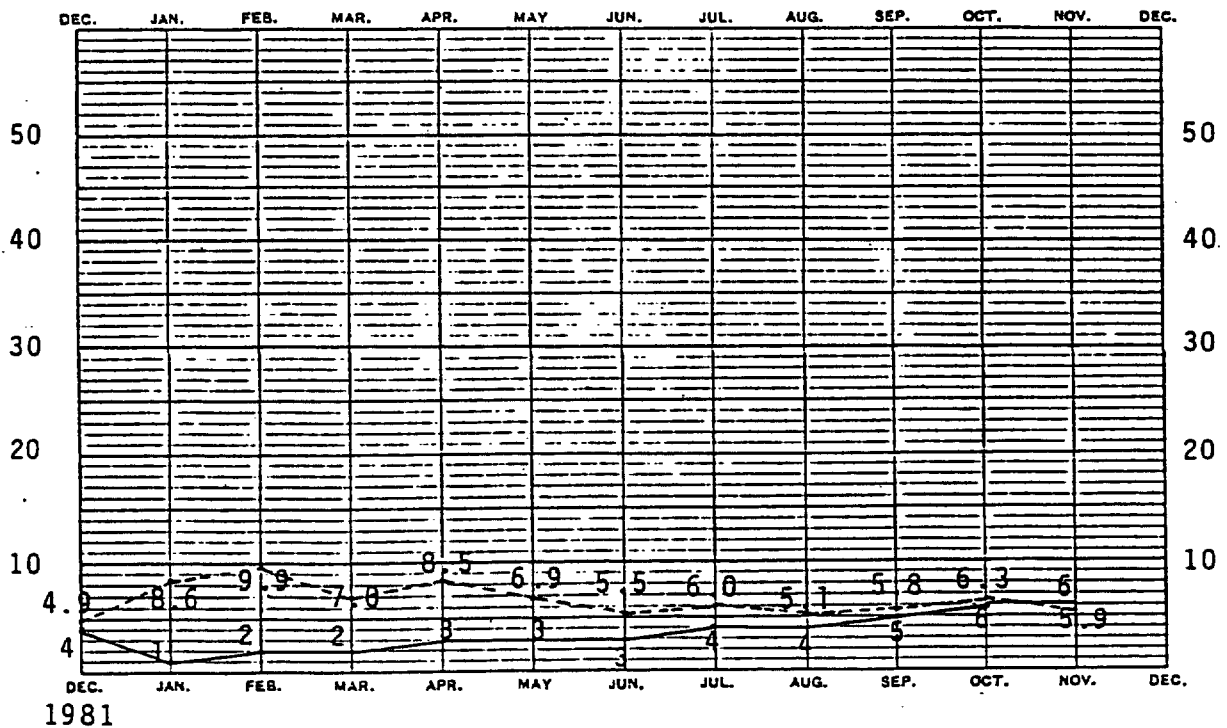


Cummulative TIR

————— Recordable Injuries

----- Recordable Injury Rate

Cummulative Recordable Injuries



Cummulative RIR

SC

003183

LAM004197

CED CONSTRUCTION

TEXAS CITY PLANT

ACCIDENT STATISTICS

	<u>11/82</u>	<u>YTD</u> <u>11/31/82</u>
<u>NUMBER OF CASES</u>		
Lost Workdays (Days Away)	0	7
Fatalities	0	0
Total Injury	4	58
Total Recordable	1	12

FREQUENCY RATES

Total Injury	31.1	29.5
Total Recordable	7.7	6.1
Total Lost Workdays	0	3.5

<u>MANHOURS WORKED</u>	25,721	391,931
------------------------	--------	---------

SC

003184

LAM004198