

PLANT MANAGER'S SAFETY BOARD
MINUTES OF MEETING
JULY 27, 1983

PLAINTIFF'S EXHIBIT

MON-1541

Present were:

D.A. Barfoot (Guest)	D.E. Kaldenberg
A.H. Conrad	H.M. Lacy for J.G. Trafton
G.A. Danner	B.C. Lancaster
G.W. Daues	D.W. Metten
R.T. Hammann	G.T. Ryan
R.L. Hammond	G.L. Tromblee
C.M. Hancock for S.G. Pappas	G.L. Wofford

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

A. Texas City Plant Safety Performance Summary - June

	1982		1983		1983 TARGETS
	JUN	YTD	JUN	YTD	
(A) INJURIES WITHOUT LOST WORKDAYS (medical treatment only)	0	6	2	4	11
(B) LOST WORKDAYS CASES	0	3	0	0	2
**B ₁ RESTRICTED ACTIVITY	0	0	0	0	--
**B ₂ DAYS AWAY FROM WORK CASES	0	3	0	0	--
(C) FATALITIES	0	0	0	0	--
 *TOTAL RECORDABLE CASES	<u>0</u>	<u>8</u>	<u>2</u>	<u>4</u>	<u>13</u>

INJURY RATES PER 200,000 MANHOURS

	1982		1983		1983 TARGETS	1983 MFI	
	JUN	YTD	JUN	YTD		TARGET	YTD
TOTAL INJURY-TIR	9.09	8.76	13.92	10.94	---	---	---
TOTAL RECORDABLE-TRR	0.00	1.05	1.64	0.55	0.87	1.02	0.92
TOTAL LOST WORKDAY-TLWR	0.00	0.35	0.00	0.00	0.13	---	0.26
DAYS-AWAY-FROM-WORK-DAWR	0.00	0.35	0.00	0.00	---	---	0.19

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

There were two Recordable Injuries in June. The first injury was to a boilermaker who struck his left index finger with a four pound hammer resulting in a fracture and laceration requiring seven sutures. The second injury was to an operator in Department 51 who was struck by a falling magnet resulting in a laceration requiring two sutures.

So far in July, we have had two Recordable Injuries. All four of these recent injuries were the result of inattention or unsafe practices by the injured or another person. All of this points to the need for increased awareness on the part of all personnel in the plant.

Areas having a high cumulative monthly injury rate are:

Power 2
Painters
Pumper Gaugers
Analysts
Truckers/Laborers

Areas having a high cumulative monthly injury rate, but showing significant improvement in recent months are:

Dept. 50
Dept. 53
Insulators

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

Depts. 44/45/46
Electricians

Areas having excellent safety records are:

Dept. 33
Machinists - 5 months without an injury
Dept. 513 - 10 months without an injury
Stores - 17 months without an injury

C. Contractor Safety--R. L. Hammond

Recordable Injuries are also increasing in the contractor area with two Recordable Injuries in June. At present the Recordable Injury Rate is higher than last year. Statistics for June are attached.

D. CED Safety--B. C. Lancaster

The number of Recordable Injuries in CED construction was high with three occurring in June, one of which is questionable and may be changed to a First Aid Case. In July there are already six Recordable Injuries with four being the result of cuts sustained while handling the packing for 16D1. Increased safety efforts are being taken including the hiring of two safety personnel to cover the shutdown.

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

A. Locks--Security

The completed survey of other plants, both Monsanto and non-Monsanto, showing a wide variety of systems. However, it was not much help in

determining what would be the best system for the Texas City plant. SAC's recommendation for the Texas City plant would be to continue to use Best locks for those areas requiring security measures (examples: gates, doors, cabinets, etc.). It is felt that this would take approximately 1,000 locks. The rest of the locking system in the plant would be handled on a departmental basis with orders going through Purchasing. These locks would be much cheaper (approximately \$8.00 each vs the \$35.00 each for Best locks). This project will be turned over to SHAC to develop procedures and policies for handling the lock system within the plant.

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

A. Hourly Safety Committee

Five of the eight members were present.

1. A discussion took place concerning the lack of hourly participation in the S-T-O-P program. Reasons given for this were:
 - a. Time required to write cards,
 - b. lack of motivation, and
 - c. the feeling that these could be used against an individual and information put in his Personnel file.
2. A status report was given on the following items:
 - a. Cooling tower fan brake - A prototype brake is currently being fabricated to be installed on CT-3. If this is successful, plans are to install these on all operating cooling towers.
 - b. Holeman responsibilities - To be discussed later.
3. The following new concerns were discussed and will be answered:
 - a. Coveralls not thoroughly laundered.
 - b. Operating crane in SM area not barricaded.
 - c. Use of restroom while working with asbestos, NSI, etc.
4. The new committee members were elected and will be present at the next Hourly Safety Committee meeting.

B. Second Quarter Safety & Housekeeping Inspection

This inspection is complete and all reports have been issued. Currently, replies are being received.

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Winners of the inspection were:

Department 513
Instrument Shop
Stores
Monomers Lab

The following recommendations were made and will be implemented in future inspections:

1. The composition of the laboratory inspection team will be changed to include more laboratory personnel.
2. Will review the grouping of offices and services for award (i.e., may be grouped according to General Superintendent).

C. Annual Safety & Housekeeping Inspection

This year's inspection will be conducted by Texas City personnel.

Harry Conrad will discuss further with Gene Tromblee before composition of the inspection team is announced. The following recommendations were made by SHAC for this inspection:

1. Inspection will be conducted in late September.
2. Annual and Third Quarter Inspection will be combined.
3. Schedule change will allow recap time each day.
4. Area maintenance shops will be included in each unit inspection.
5. Schedule will be rearranged to mix units and other areas on a daily basis.
6. One night inspection of selected areas will be conducted (this would be in addition to the normal daytime inspection).

D. Holeman Duties

Comments that were received from plant personnel were incorporated into the procedure. This procedure was approved by PMSB and will be issued as an addendum to Procedure Bulletin P-0117; Fire, Entry, and Special Permit Procedure. It will also be sent out as a SHAC Alert to ensure dissemination of the information.

E. SHAC Alerts/Bulletins

The following SHAC Alerts and Bulletins were issued:

1. Nitrogen Backflow Preventers
2. Proper Use of Chainfalls
3. Recordable Injuries to Boilermaker in Dept. 15, Operator in Dept. 51, and Pipefitter in Dept. 16.

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F. Future Programs

1. Bicycle Safety Rules - expect to have draft copy issued by 8/1.
2. Contractor Safety - expect draft of the new guidelines to be issued by 9/1.

IV. REVIEW OF INCIDENTSMonsanto Incidents

<u>Date</u>	<u>Incident No.</u>	<u>Description</u>
06/20/83	83-07 (Issued)	Recordable Injury--Dept. 15; boilermaker struck left index finger with four pound sledge hammer. Fractured distal phalange and laceration requiring seven sutures. (Gatewood)
06/20/83	83-08 (Not Issued)	Recordable Injury--Dept. 51; magnet fell and struck shoulder of operator. Contusion and laceration requiring two sutures. (Kirk)

Contractor Incidents

06/21/83	C-83-03 (Not Issued)	Recordable Injury/Days-Away-From-Work-- Brooks Construction; Old Dept. 10; struck by pallets of packing for styrene shut-down; contusion and sprain to left ankle. (Wright)
		There is a possibility that this is <u>NOT</u> a Recordable Injury--to be resolved.
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)

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

The number of S-T-O-P cards being received has continued to be in the 500-600 per month range. The number of cards received per exempt employee is about one per month in operating areas and somewhat lower in other departments.

We have completed the last unit of training for Chiefs/Leadmen. The rating sheets that were received were generally positive and indicate that the individuals are taking the course seriously.

The S-T-O-P program for non-exempt personnel has been written. The first of three units is ready to be printed. The other two units are being proofed. The Hourly program has been written and proofreading is in progress.

VI. MISCELLANEOUS--R. T. Hammann

A. OSHA Inspection

Contact was made with the OSHA inspector to determine if they had received results from their sampling, since we have had our results for over two weeks. They had not as yet received the results and indicate that due to moving their laboratory, they do not expect the results for at least two more weeks. The results of our tests showed 0.21 and 0.23 fibers/cc which is well below the ceiling limit of 10 fibers/cc for a fifteen minute sample. As soon as the results are received from their laboratory the OSHA inspector will contact Bob Hammann to set up a closing conference.

VII. PLANT MANAGER'S COMMENTS

We went five months and three weeks in the plant with only two Recordable Injuries. The last five weeks we have had four Recordable Injuries. Two areas (EB/Styrene and AN-5) have had the majority of these Recordable Injuries and need to be especially aware and make additional efforts to review work thoroughly with their personnel.

Overall in the plant we need to tighten up and increase our emphasis on the S-T-O-P program and one-on-one contact. Awareness on everyone's part is important in order to assure a safe workplace for all of our personnel.


R. T. Hammann

Attachments

RTH/es

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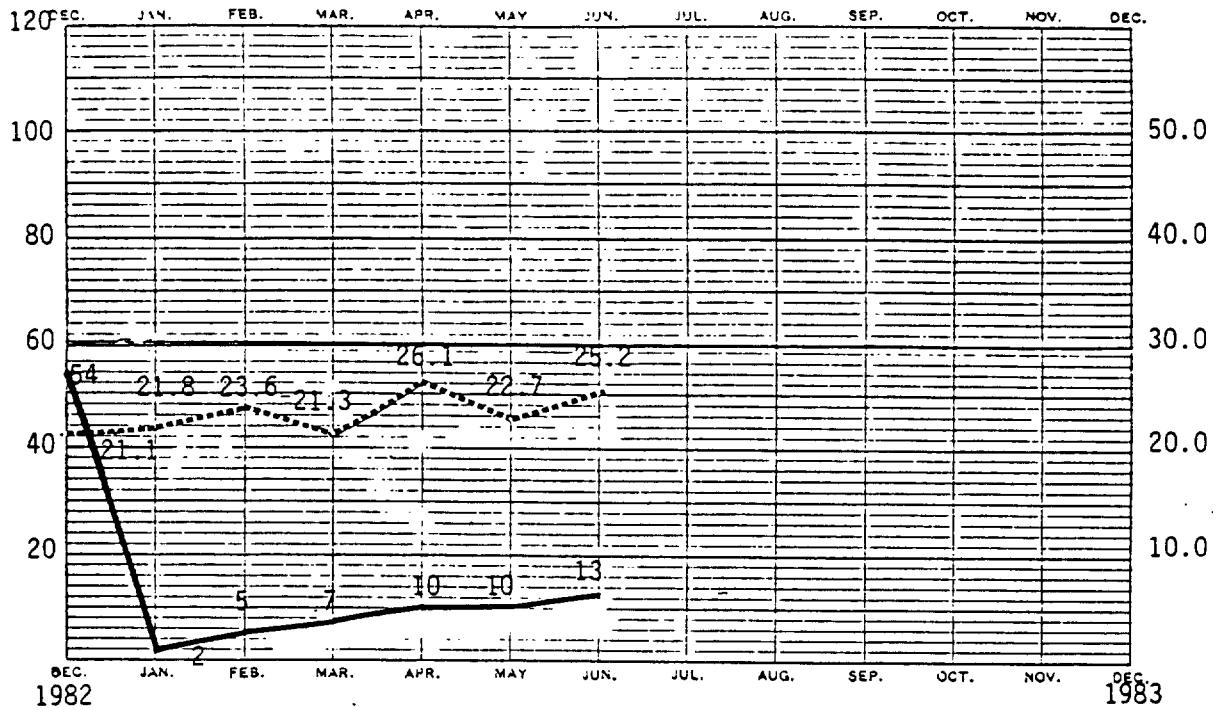
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1983 SAFETY - TOTAL CONTRACTORS

————— Total Injuries

..... Total Injury Rate

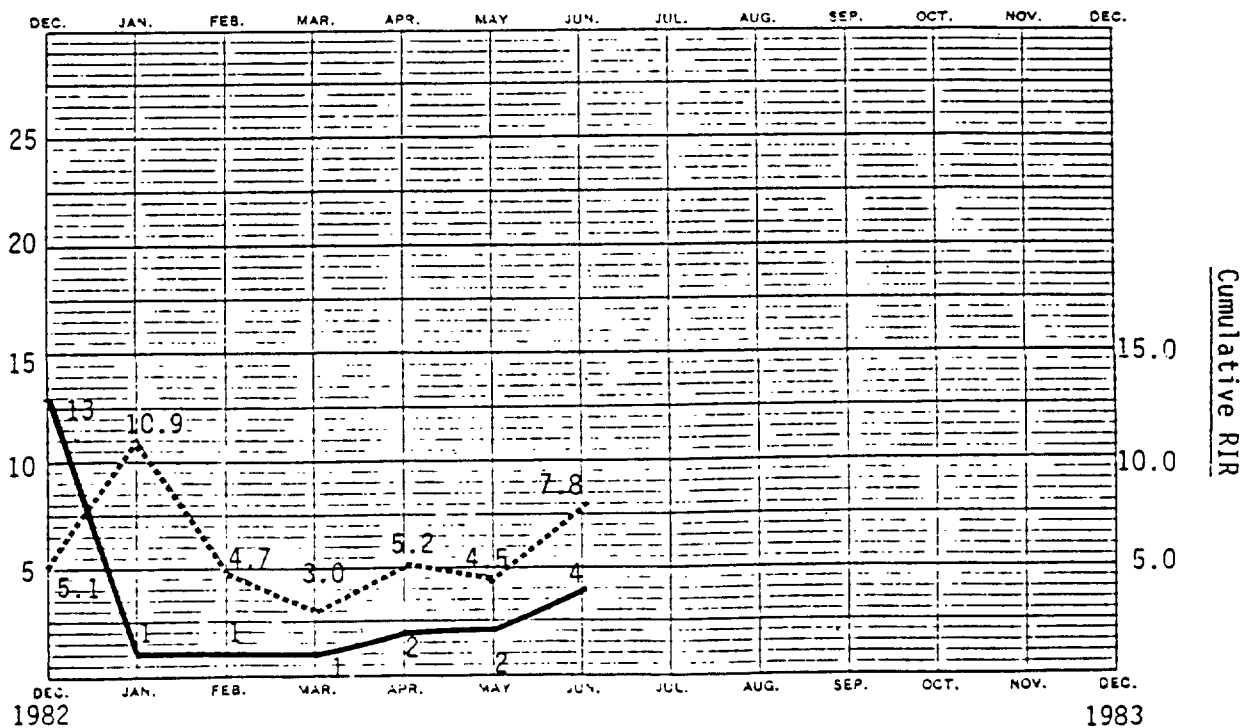
Cumulative Injuries



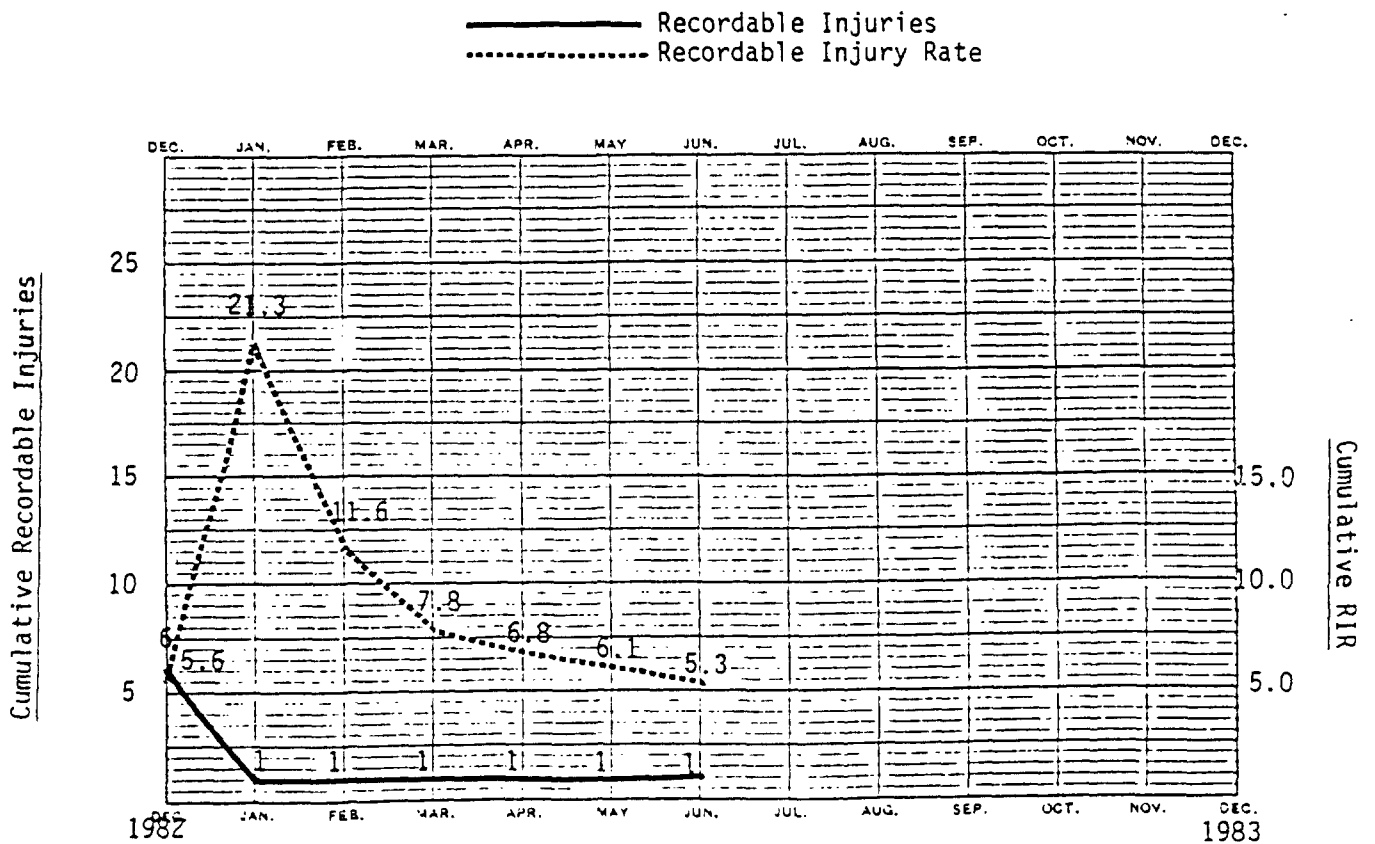
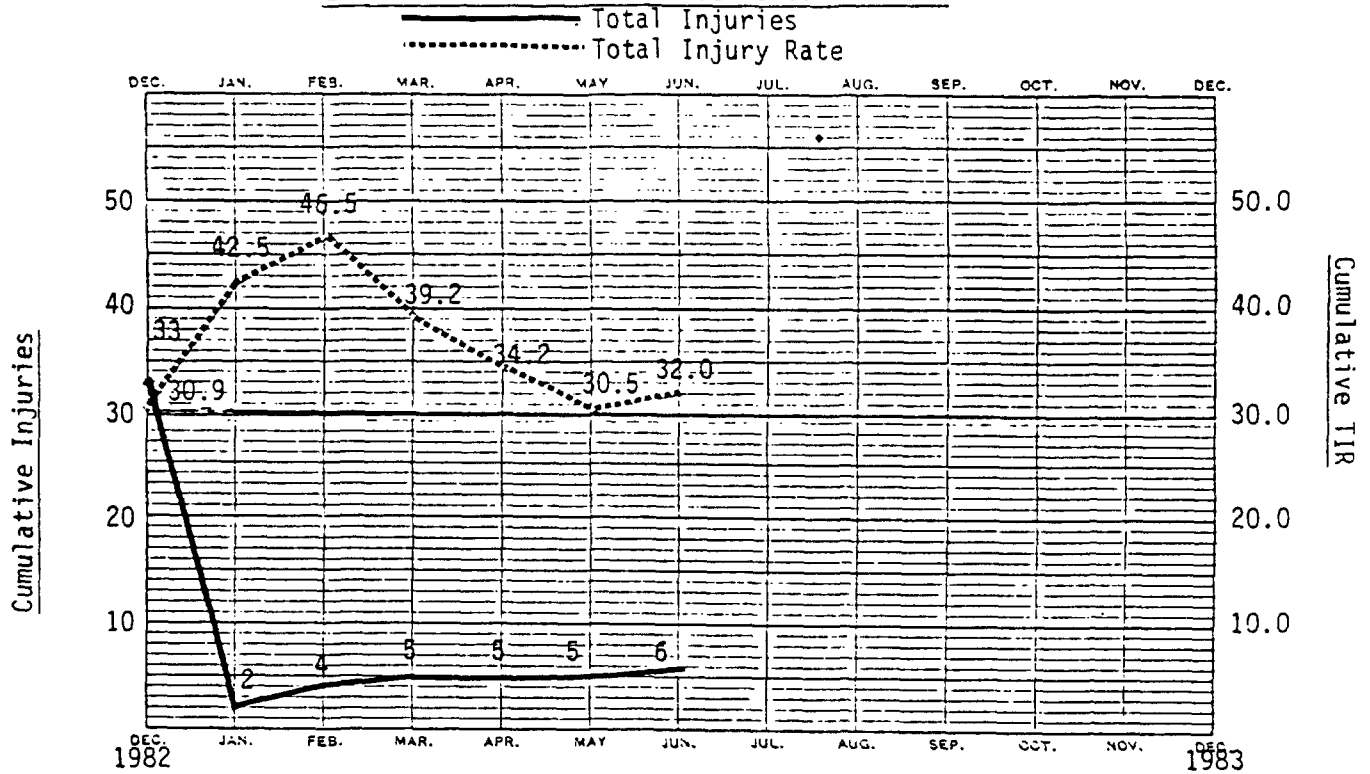
————— Recordable Injuries

..... Recordable Injury Rate

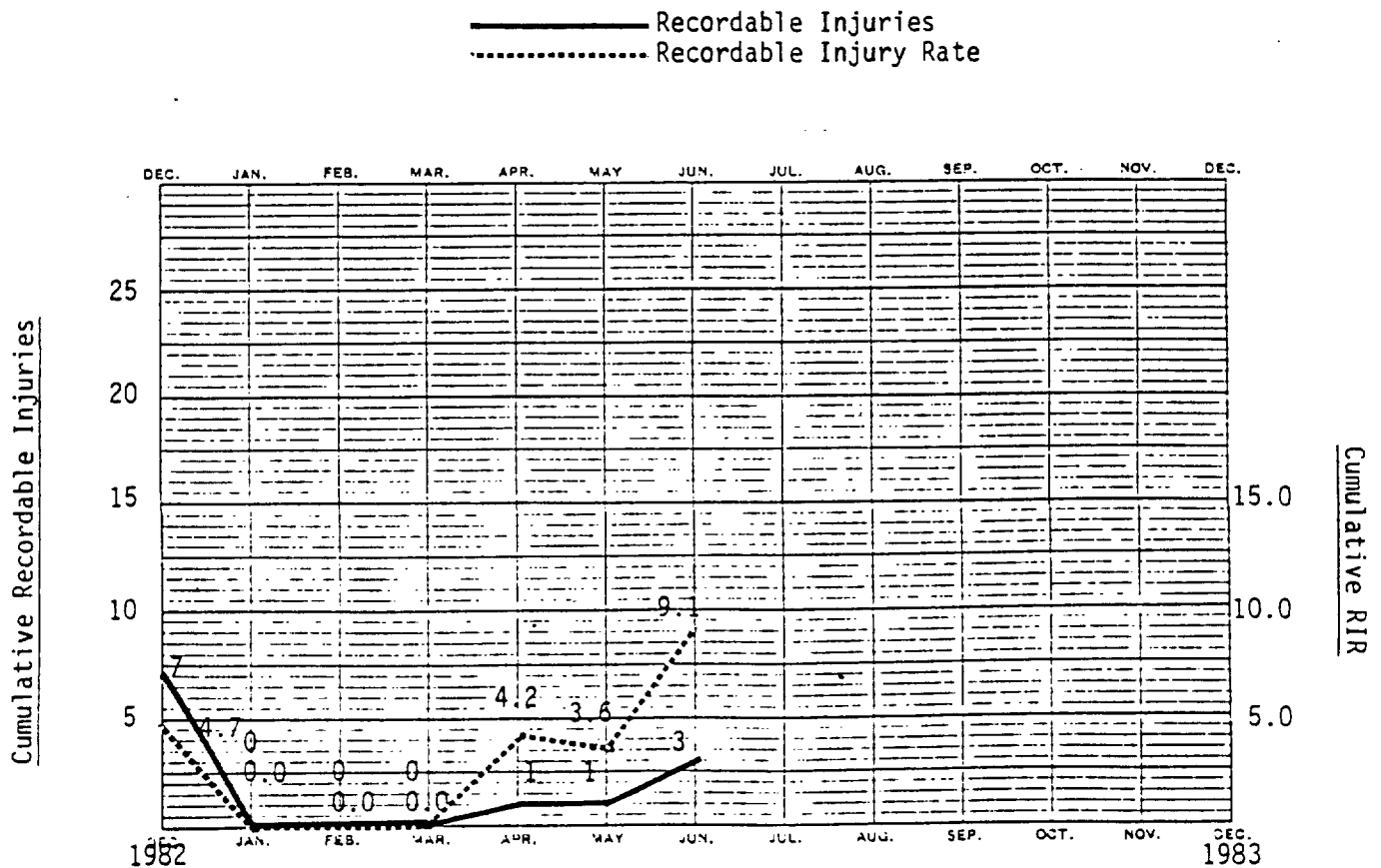
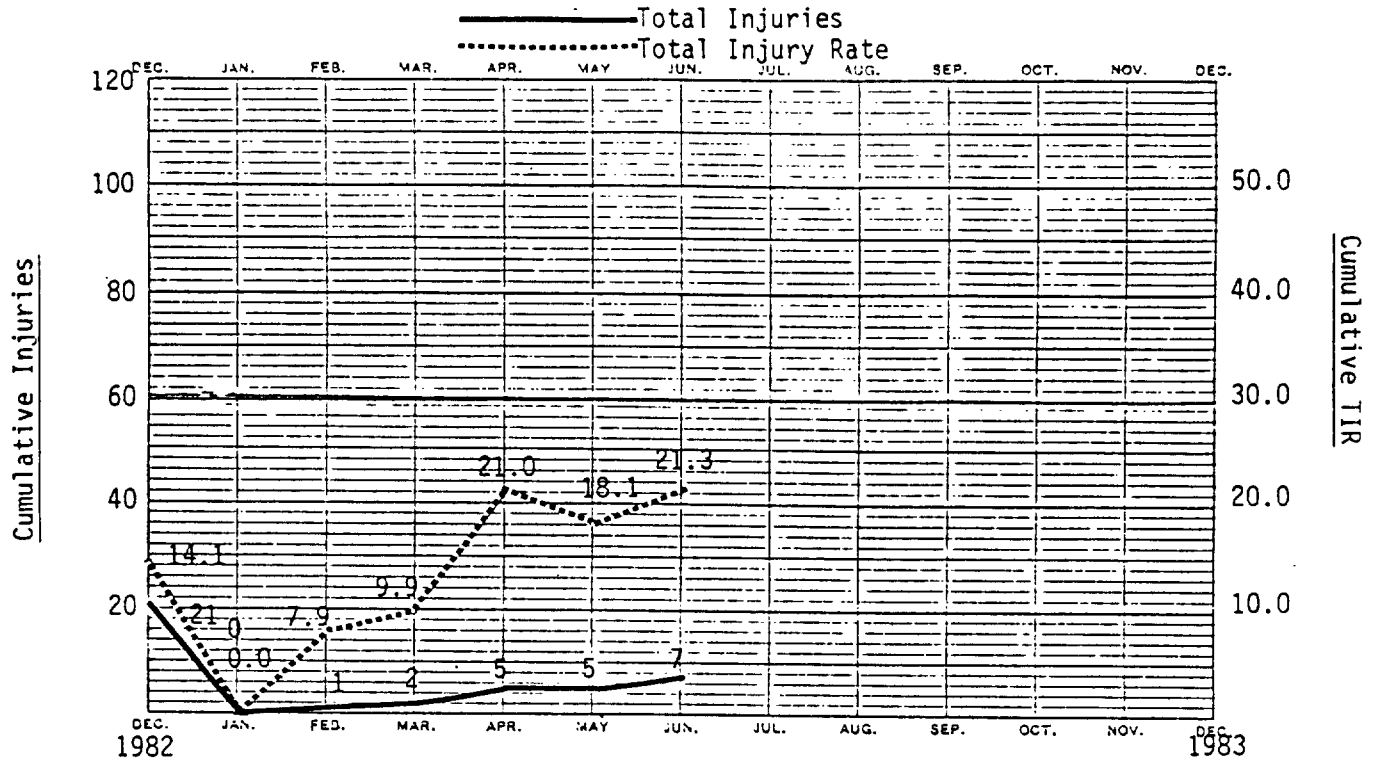
Cumulative Recordable Injuries



1983 SAFETY - CAPITAL PROJECTS CONTRACTORS



1983 SAFETY - MAINTENANCE CONTRACTORS



TOTAL PLANT CONTRACTORS SAFETY

	<u>1983 YTD</u>	<u>JUNE '83</u>	<u>1982 Totals</u>
TOTAL INJURY CASES	13	3	54
RECORDABLE CASES	4	2	13
LOST WORK DAY CASES	2	1	3
DAYS AWAY CASES	0	0	0
TOTAL MANHOURS WORKED (MHW)	103,169.25	15,162.75	512,497.5
<u>FREQUENCY RATES/200,000 MHW</u>			
TOTAL INJURY RATE	25.2	39.6	21.1
TOTAL RECORDABLE INJURY RATE	7.8	26.4	5.1
TOTAL LOST WORKDAY RATE	3.9	13.2	1.2
TOTAL DAYS AWAY RATE	0.0	0.0	0.0

CAPITAL PROJECTS CONTRACTORS SAFETY

	<u>1983 YTD</u>	<u>JUNE '83</u>	<u>1982 Totals</u>
TOTAL INJURY CASES	6	1	33
RECORDABLE CASES	1	0	6
LOST WORK DAY CASES	0	0	2
DAYS AWAY CASES	0	0	0
TOTAL MANHOURS WORKED (MHW)	37,483.5	4,665.5	213,661.5
<u>FREQUENCY RATES/200,000 MHW</u>			
TOTAL INJURY RATE	32.0	42.9	30.9
TOTAL RECORDABLE INJURY RATE	5.3	0.0	5.6
TOTAL LOST WORKDAY RATE	0.0	0.0	1.9
TOTAL DAYS AWAY RATE	0.0	0.0	0.0

MAINTENANCE CONTRACTORS SAFETY

	<u>1983 YTD</u>	<u>JUNE '83</u>	<u>1982 Totals</u>
TOTAL INJURY CASES	7	2	21
RECORDABLE CASES	3	2	7
LOST WORK DAY CASES	2	1	1
DAYS AWAY CASES	0	0	0
TOTAL MANHOURS WORKED (MHW)	65,685.75	10,497.25	298,836
<u>FREQUENCY RATES/200,000 MHW</u>			
TOTAL INJURY RATE	21.3	38.1	14.1
TOTAL RECORDABLE INJURY RATE	9.1	38.1	4.7
TOTAL LOST WORKDAY RATE	6.1	19.1	0.7
TOTAL DAYS AWAY RATE	0.0	0.0	0.0

CORRECTED FIGURES

TOTAL PLANT CONTRACTORS SAFETY

	<u>1983 YTD</u>	<u>MAY '83</u>	<u>1982 Totals</u>
TOTAL INJURY CASES	10	0	54
RECORDABLE CASES	2	0	13
LOST WORK DAY CASES	1	0	3
DAYS AWAY CASES	0	0	0
TOTAL MANHOURS WORKED (MHW)	88,006.5	11,257.25	512,497.5
<u>FREQUENCY RATES/200,000 MHW</u>			
TOTAL INJURY RATE	22.7	0.0	21.1
TOTAL RECORDABLE INJURY RATE	4.5	0.0	5.1
TOTAL LOST WORKDAY RATE	2.3	0.0	1.2
TOTAL DAYS AWAY RATE	0.0	0.0	0.0

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CORRECTED FIGURES
CAPITAL PROJECTS CONTRACTORS SAFETY

	<u>1983 YTD</u>	<u>MAY '83</u>	<u>1982 Totals</u>
TOTAL INJURY CASES	5	0	33
RECORDABLE CASES	1	0	6
LOST WORK DAY CASES	0	0	2
DAYS AWAY CASES	0	0	0
TOTAL MANHOURS WORKED (MHW)	32,818	3,575.5	213,661.5
<u>FREQUENCY RATES/200,000 MHW</u>			
TOTAL INJURY RATE	30.5	0.0	30.9
TOTAL RECORDABLE INJURY RATE	6.1	0.0	5.6
TOTAL LOST WORKDAY RATE	0.0	0.0	1.9
TOTAL DAYS AWAY RATE	0.0	0.0	0.0

MAINTENANCE CONTRACTORS SAFETY

	<u>1983 YTD</u>	<u>MAY '83</u>	<u>1982 Totals</u>
TOTAL INJURY CASES	5	0	21
RECORDABLE CASES	1	0	7
LOST WORK DAY CASES	1	0	1
DAYS AWAY CASES	0	0	0
TOTAL MANHOURS WORKED (MHW)	55,188.5	7,681.75	298,836
<u>FREQUENCY RATES/200,000 MHW</u>			
TOTAL INJURY RATE	18.1	0.0	14.1
TOTAL RECORDABLE INJURY RATE	3.6	0.0	4.7
TOTAL LOST WORKDAY RATE	3.6	0.0	0.7
TOTAL DAYS AWAY RATE	0.0	0.0	0.0

CORRECTED FIGURES

TOTAL PLANT CONTRACTORS SAFETY

	<u>1983 YTD</u>	<u>APRIL '83</u>	<u>1982 Totals</u>
TOTAL INJURY CASES	10	3	54
RECORDABLE CASES	2	1	13
LOST WORK DAY CASES	1	1	3
DAYS AWAY CASES	0	0	0
TOTAL MANHOURS WORKED (MHW)	76,749.25	11,032	512,497.5
<u>FREQUENCY RATES/200,000 MHW</u>			
TOTAL INJURY RATE	26.1	54.4	21.1
TOTAL RECORDABLE INJURY RATE	5.2	18.1	5.1
TOTAL LOST WORKDAY RATE	2.6	18.1	1.2
TOTAL DAYS AWAY RATE	0.0	0.0	0.0

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CORRECTED FIGURES
CAPITAL PROJECTS CONTRACTORS SAFETY

	<u>1983 YTD</u>	<u>APRIL '83</u>	<u>1982 Totals</u>
TOTAL INJURY CASES	5	0	33
RECORDABLE CASES	1	0	6
LOST WORK DAY CASES	0	0	2
DAYS AWAY CASES	0	0	0
TOTAL MANHOURS WORKED (MHW)	29,242.5	3,747.5	213,661.5
<u>FREQUENCY RATES/200,000 MHW</u>			
TOTAL INJURY RATE	34.2	0.0	30.9
TOTAL RECORDABLE INJURY RATE	6.8	0.0	5.6
TOTAL LOST WORKDAY RATE	0.0	0.0	1.9
TOTAL DAYS AWAY RATE	0.0	0.0	0.0

MAINTENANCE CONTRACTORS SAFETY

	<u>1983 YTD</u>	<u>APRIL '83</u>	<u>1982 Totals</u>
TOTAL INJURY CASES	5	3	21
RECORDABLE CASES	1	1	7
LOST WORK DAY CASES	1	1	1
DAYS AWAY CASES	0	0	0
TOTAL MANHOURS WORKED (MHW)	47,506.75	7,284.5	298,836
<u>FREQUENCY RATES/200,000 MHW</u>			
TOTAL INJURY RATE	21.0	82.4	14.1
TOTAL RECORDABLE INJURY RATE	4.2	27.5	4.7
TOTAL LOST WORKDAY RATE	4.2	27.5	0.7
TOTAL DAYS AWAY RATE	0.0	0.0	0.0

III. ACTION ITEMS

A. MESH

The new Office Safety Committee has been appointed and is being organized to implement the Monsanto Exposition on Safety and Health to be held September 25. Support of all personnel is needed to ensure success of this important family safety and health program.

B. HHM Areas - Restricted Entry

Procedures for restricting personnel entry into HHM areas have been developed or communications will be forthcoming concerning this.

C. Off-Hour Fire and Spill Notification

List has been revised and is currently being printed for distribution.



R. T. Hammann

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