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PLANT MANAGER'S SAFETY BOARD
MINUTES OF MEETING
APRIL 15, 1983

Present were:

A.H. Conrad
G.A. Danner
G.W. Daues
R.T. Hammann
D.E. Kaldenberg
B.C. Lancaster
S.G. Pappas

G.T. Ryan
Henry Schroeder for D.W. Metten
Leonard Schwab for R.L. Hammond
J.G. Trafton
G.L. Tromblee
G.L. Wofford

I. REVIEW OF STATISTICS—R.T. Hammann

A. Texas City Plant Safety Performance Summary - February/March

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

INJURY RATES PER 200,000 MANHOURS

	1982		1983		1983	1983	
	FEB	YTD	FEB	YTD	TARGETS	MFI TARGET	YTD
TOTAL INJURY-TIR	5.34	9.02	10.38	8.96	—	—	—
TOTAL RECORDABLE-TRR	0.00	1.44	0.86	0.41	0.87	1.02	0.96
TOTAL LOST WORKDAY-TLWR	0.00	0.36	0.00	0.00	0.13	—	0.36
DAYS-AWAY-FROM-WORK-DAWR	0.00	0.36	0.00	0.00	—	—	0.24

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	1982		1983		1983
	MAR	YTD	MAR	YTD	TARGETS
(A) INJURIES WITHOUT LOST WORKDAYS (medical treatment only)	2	5	1	2	11
(B) LOST WORKDAYS CASES	0	1	0	0	2
**B ₁ RESTRICTED ACTIVITY	0	0	0	0	--
**B ₂ DAYS AWAY FROM WORK CASES	0	1	0	0	--
(C) FATALITIES	0	0	0	0	--
*TOTAL RECORDABLE CASES	<u>2</u>	<u>6</u>	<u>1</u>	<u>2</u>	<u>13</u>

INJURY RATES PER 200,000 MANHOURS

	1982		1983		1983	1983	
	MAR	YTD	MAR	YTD	TARGETS	MFI	FEB
TOTAL INJURY-TIR	7.49	8.46	12.98	10.36	---	---	---
TOTAL RECORDABLE-TRR	1.25	1.37	0.76	0.53	0.87	1.02	0.96
TOTAL LOST WORKDAY-TLWR	0.00	0.23	0.00	0.00	0.13	---	0.36
DAYS-AWAY-FROM-WORK-DAWR	0.00	0.23	0.00	0.00	---	---	0.24

NOTE: Explanation of injury rate - The injury rate per 200,000 manhours can be equated to roughly the number of injuries that occur to 100 workers during a period of one year. Therefore, if we have a total recordable rate of 1.0 this means that one out of every 100 workers has had a recordable injury during that year.

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

We had one Recordable Injury in February and one Recordable Injury in March; both were lacerations that required stitches. There have been no Recordable Injuries so far in April.

Areas continuing to have high cumulative monthly injury rates are: analysts, pumper gaugers, electricians, and insulators. Those areas having high injury rates although showing improved trend lines are painters and Dept. 50. Those areas within the confidence limits, but having an increasing injury rate are: Dept. 53, Depts. 44/45/46, and the Instrument Dept.

Areas with excellent safety records are: HCN Complex (six months without an injury), Dept. 513 (seven months without an injury), and Stores and Dept. 33 which have gone over one year without an injury.

C. Contractor Safety--Leonard Schwab for R.L. Hammond

There was one Recordable Injury in February and no Recordable Injuries in March. Current contractor headcount, consisting of Crescent electricians and Sline painters, is approximately 35 people.

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II. REPORT OF THE SAFETY ADVISORY COMMITTEE (SAC)--G. A. DannerA. S&PP Recommendation 82-2 on Emergency Shutdown/Standby Procedures

Confirmation has been received from all operating areas that these procedures have been completed. During the First Quarter Safety & Housekeeping Competitive Inspection it was noted that these procedures had not been conveyed to the operators and foremen in some areas. All units need to ensure that this information is conveyed and made available to all operating personnel.

B. Practice of Removing Manways from Equipment

A survey is underway and report is expected from SHAC in the near future.

C. Fire, Entry, and Special Permit Procedure

Discussed under Miscellaneous Section.

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D. First Quarterly Competitive Safety & Housekeeping Inspection

Discussed under SHAC report.

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

Good attendance at both the February and March meetings.
Concern items:

1. Cooling tower fan hazard - Maintenance is working on an acceptable solution. A trip was made to Chocolate Bayou on 4/14/83, to inspect a device they have fabricated and installed in their towers. Expect resolution in the near future.
2. Removing bolts from 51D4 manway cover - Plant survey has been completed. All operating areas except Material Handling and Dept. 13/14 follow the practice of removing manways from equipment that has not been completely blinded. Even those two areas felt that this practice would be acceptable, if reasonable precautions were taken. Information on the survey will be passed on to SAC for a resolution as to an overall plant policy.
3. Use of barricade tape and extension ladders - A SHAC reminder has been issued concerning the proper use of these items.
4. Plectrons - How frequently are they checked? If so, by whom?
Further comment in the Miscellaneous Section.

B. First Competitive Quarterly Safety & Housekeeping Inspection

The inspection has been completed and all reports have been written and distributed. The Outstanding Unit Award goes to Dept. 33, and the

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Outstanding Craft Award to the Insulators. Presentation of these awards will be made the afternoon of 4/15/83.

Based on a review of this inspection, the following are recommendations from SHAC for the Second Quarter Inspection:

1. It will be scheduled for the second two weeks in June. Expect the Third Quarter Inspection the last two weeks in September, and the Fourth Quarter Inspection the first two weeks of January.
2. Practice of unannounced inspections will be modified slightly. The Team Chairman will alert the Unit/Craft as to the day and possibly morning or afternoon when the inspection is to take place.
3. Have an expanded staff meeting in May to discuss the rating scheme for the First Quarter Inspection and announce plans for the Second Quarter Inspection.
4. Separate laboratories from the office/service area. Award a plaque to the best lab and best office/service area.

C. Drug and Alcohol Abuse Program

Have made contact with General Motors, one of the industrial leaders in developing and implementing a Drug and Alcohol Abuse Program. Some activity in this area is taking place in corporate headquarters. Further contacts will be made.

D. Hose Inspection

The Quarterly Inspections revealed that breathing air hoses are not being inspected anywhere in the plant. This was added to the procedure when it was revised last year. A letter will be written to all Manufacturing Superintendents to rectify this situation.

E. Amyl Nitrite

During the course of the Quarterly Inspection it was noted that some locations had amyl nitrite crushable capsules that were out-of-date. This was probably due to the fact that many people were not aware that these capsules have a 2 year shelf life. Letters have been written to those areas having out-of-date capsules to contact the Medical Dept. for replacement.

IV. REVIEW OF INCIDENTS

Monsanto Incidents

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<u>Date</u>	<u>Incident No.</u>	<u>Description</u>
02/18/83	83-03 (issued)	Fire--Dept. 53 E5-3; NO INJURIES. (Hernandez)

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02/25/83 83-04
(issued)

Spill--Dept. 53; South 22 tank farm;
overflow of ortho-xylene tank; NO
INJURIES. (Kirk)

The investigation of incident 83-04 brought out the fact that storage tanks are not as well marked as desired. R.L. Hammond/L. Schwab will discuss with the painting foreman, Tom Glover, the institution of a program to identify tanks with larger letters in all four quadrants whenever any storage tank is painted in the future. At this time there are no plans to retrofit this tank identification.

Contractor Incidents

NONE

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

The second unit of Chiefs/Leadmen training will be completed this week. The third unit is due to start next week. It is good to note that attendance has picked up in these meetings. The Office Safety Committee is working on a clerical/laboratory STOP training program. It will be a rough job for them to adapt much of the training to these groups--especially the clerical personnel. The Hourly Safety Committee will be looking at making an adaptation of the green books for the hourly personnel.

Interest has picked up and the number of STOP observations turned in has increased as more individuals have this on their JRA and goals. An article concerning the STOP program at Texas City has been written for the St. Louis newsletter.

VI. MISCELLANEOUS--R. T. Hammann

A. Fire, Entry, and Special Permit Procedure

This revised bulletin will be issued in May following training for supervisory personnel and maintenance leadmen. LP&S will conduct the supervisory training and work with Maintenance on the leadman training. The following items were discussed:

1. Item IV C, Maintenance Leadman will be changed to Maintenance Leadman/Craftsman.
2. Item IV F, Manufacturing Superintendent will be changed to Manufacturing Superintendent/Supervisor.
3. Will continue to have no downward delegation of superintendent authority.

B. Eyebath/Safety Shower Retrofit

After some discussion it was determined that Bob Hammann will poll the superintendents on their feelings about retrofitting and have a recommendation for the May PMSB.

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C. Plectron Testing

After some discussion it was decided that testing of the plant plectrons will be done immediately after the fire and spill alarm code is tested on Mondays at 13:00. This test will be conducted by the guards and will be instituted after it is publicized.

D. Return of Fire Crew Members to Their Regular Assignments

If unit or craft supervision have need of their fire crew members prior to release from handling an emergency situation, the supervisor will contact his General Superintendent, who will then determine whether the fire crew member can be released or additional personnel are to be called into the plant on overtime. In no cases will the supervisory personnel contact the Fire Chief or Assistant Fire Chief while an emergency is in progress.

E. Contractor/CED Safety Statistics

Due to the cut back in contract personnel in the plant, the means of obtaining contractor safety statistics is no longer available. LP&S and Maintenance will work out a procedure for handling this in the future.

B. C. Lancaster will continue to handle CED safety statistics.

VII. PLANT MANAGER'S COMMENTS

Our injury record so far this year is good and we need to continue the work that has produced these results. There is much activity and a lot on people's minds concerning contract negotiations at this time. It behooves us all to make the extra effort and continue to make STOP observations to maintain and improve on our safety performance.


R. T. Hammann

Attachments

RTH/es

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TOTAL PLANT CONTRACTORS SAFETY

	<u>1983 YTD</u>	<u>March '83</u>	<u>1982 Totals</u>
TOTAL INJURY CASES	7	2	54
RECORDABLE CASES	1	0	13
LOST WORK DAY CASES	0	0	3
DAYS AWAY CASES	0	0	0
TOTAL MANHOURS WORKED (MHW)	65,717.25	23,322	512,497.5
<u>FREQUENCY RATES/200,000 MHW</u>			
TOTAL INJURY RATE	21.3	17.2	21.1
TOTAL RECORDABLE INJURY RATE	3.0	0.0	5.1
TOTAL LOST WORKDAY RATE	0.0	0.0	1.2
TOTAL DAYS AWAY RATE	0.0	0.0	0.0

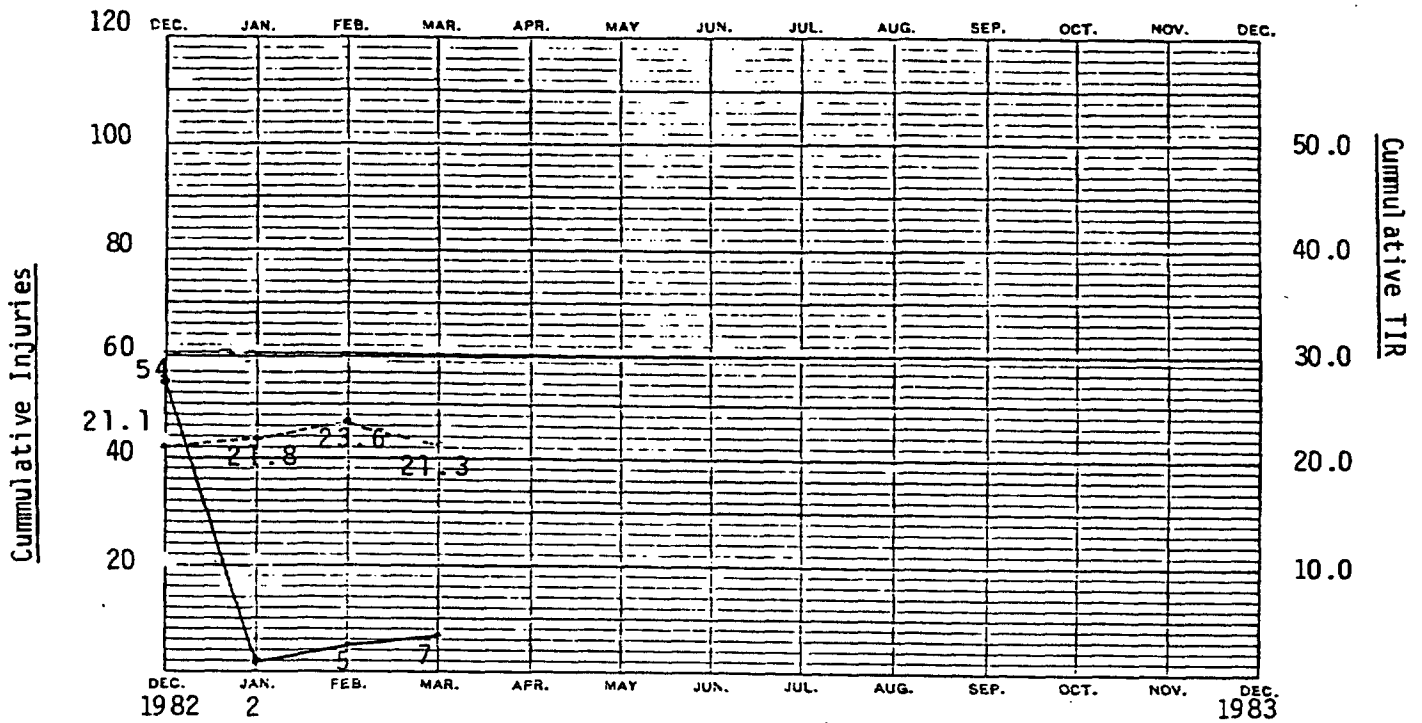
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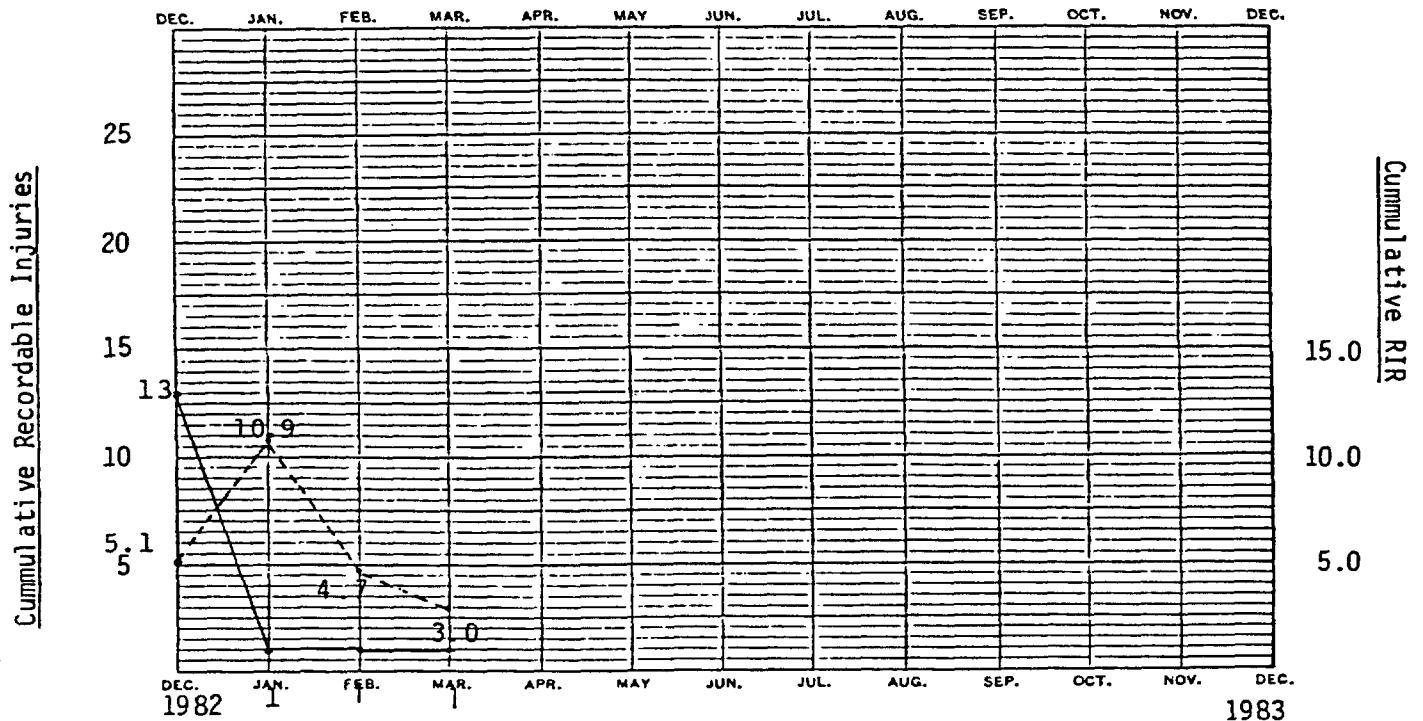
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1983 SAFETY - TOTAL CONTRACTORS
 _____ Total Injuries
 ----- Total Injury Rate



_____ Recordable Injuries
 ----- Recordable Injury Rate



CAPITAL PROJECTS CONTRACTORS SAFETY

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	<u>1983 YTD</u>	<u>March '83</u>	<u>1982 Totals</u>
TOTAL INJURY CASES	5	1	33
RECORDABLE CASES	1	0	6
LOST WORK DAY CASES	0	0	2
DAYS AWAY CASES	0	0	0
TOTAL MANHOURS WORKED (MHW)	25,495	8,278	213,661.5
<u>FREQUENCY RATES/200,000 MHW</u>			
TOTAL INJURY RATE	39.2	24.2	30.9
TOTAL RECORDABLE INJURY RATE	7.8	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>March '83</u>	<u>1982 Totals</u>
TOTAL INJURY CASES	2	1	21
RECORDABLE CASES	0	0	7
LOST WORK DAY CASES	0	0	1
DAYS AWAY CASES	0	0	0
TOTAL MANHOURS WORKED (MHW)	40,222.25	15,044	298,836
<u>FREQUENCY RATES/200,000 MHW</u>			
TOTAL INJURY RATE	9.9	13.3	14.1
TOTAL RECORDABLE INJURY RATE	0.0	0.0	4.7
TOTAL LOST WORKDAY RATE	0.0	0.0	0.7
TOTAL DAYS AWAY RATE	0.0	0.0	0.0

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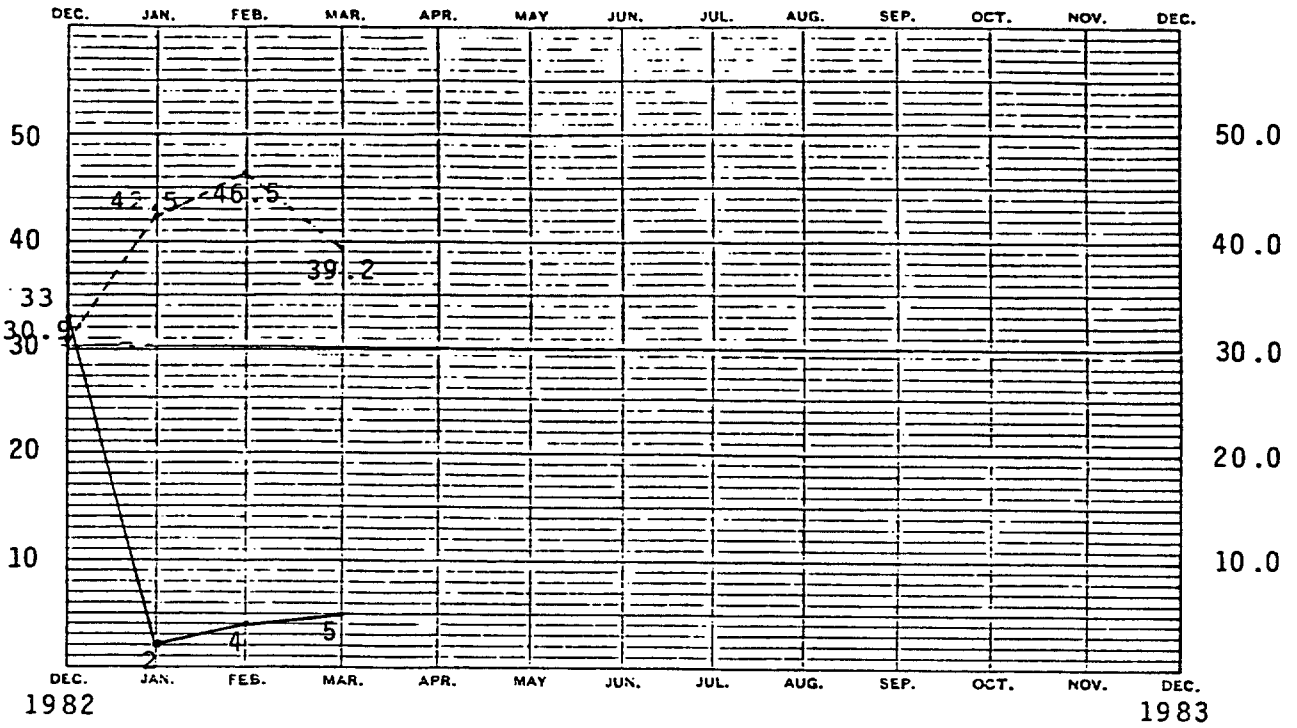
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1983 Safety - Capital Projects Contractors

-----Total Injuries

-----Total Injury Rate

Cummulative Injuries



Cummulative TIR

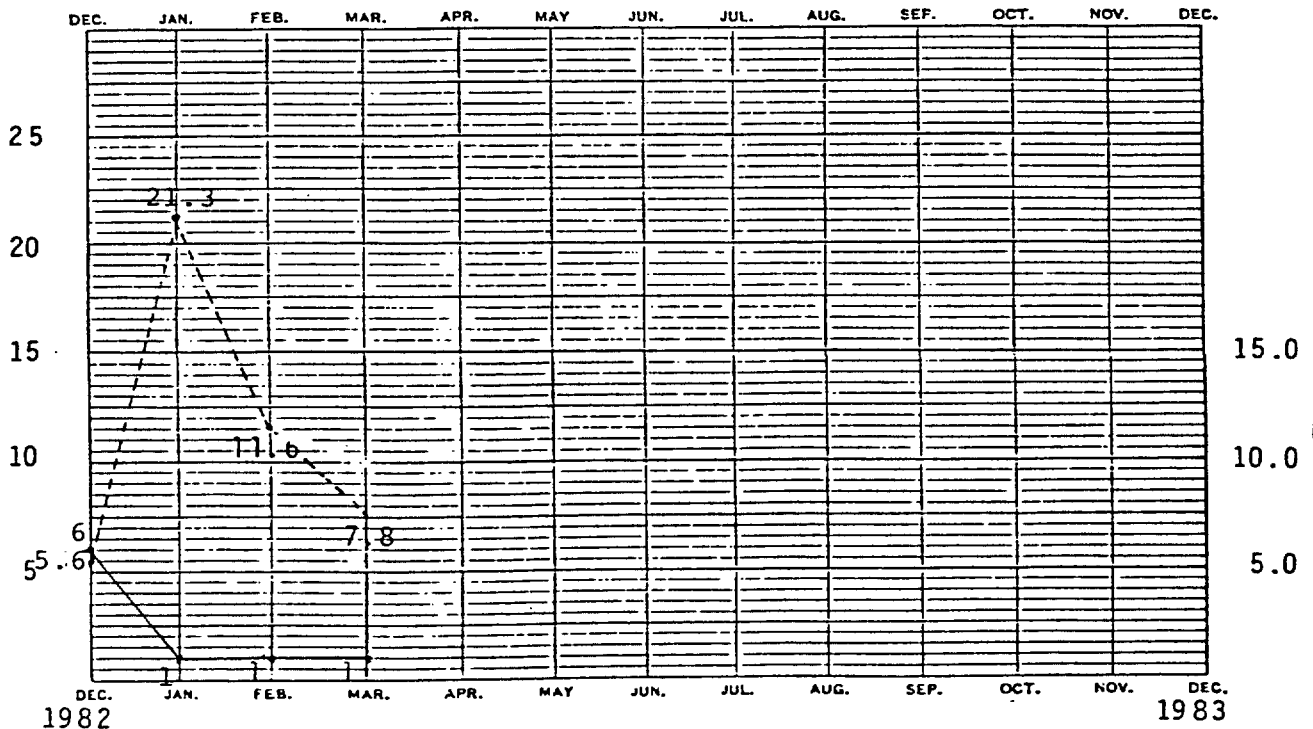
-----Recordable Injuries

-----Recordable Injury Rate

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Cummulative Recordable Injuries



Cummulative RIR

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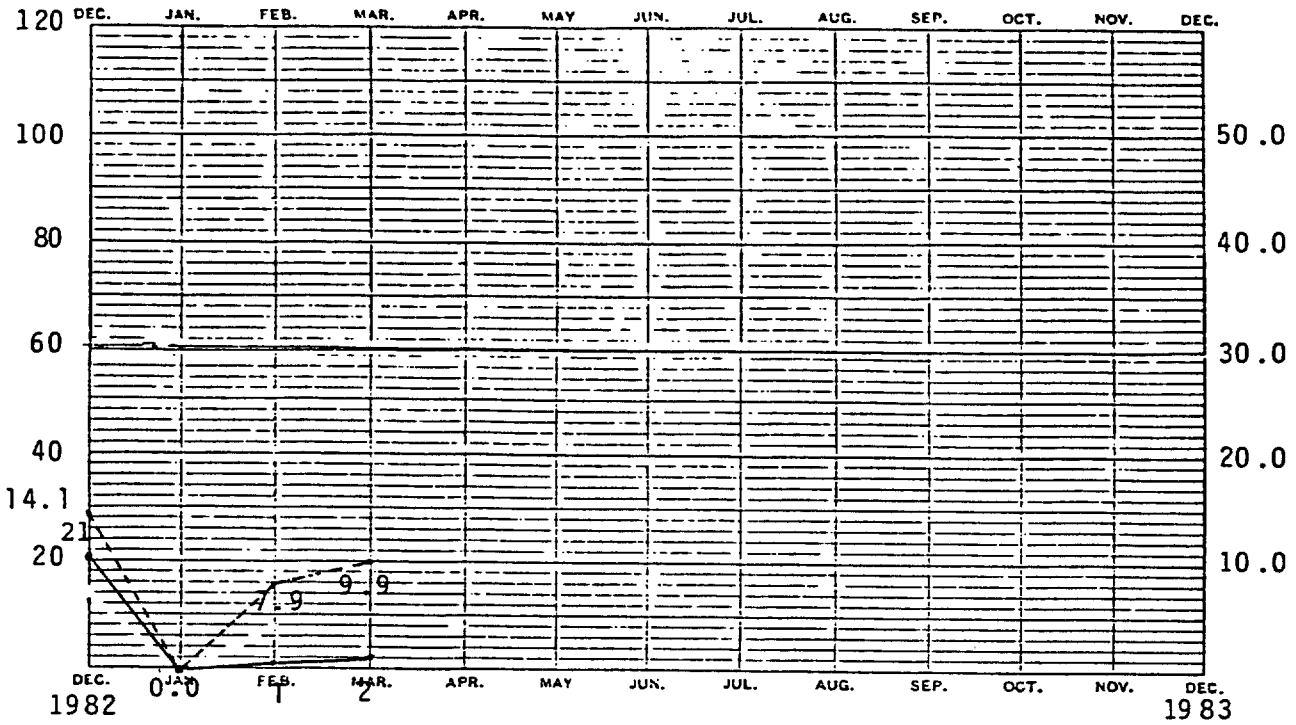
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1983 SAFETY - MAINTENANCE CONTRACTORS

Total Injuries

-----Total Injury Rate

Cummulative Injuries



Cummulative TIR

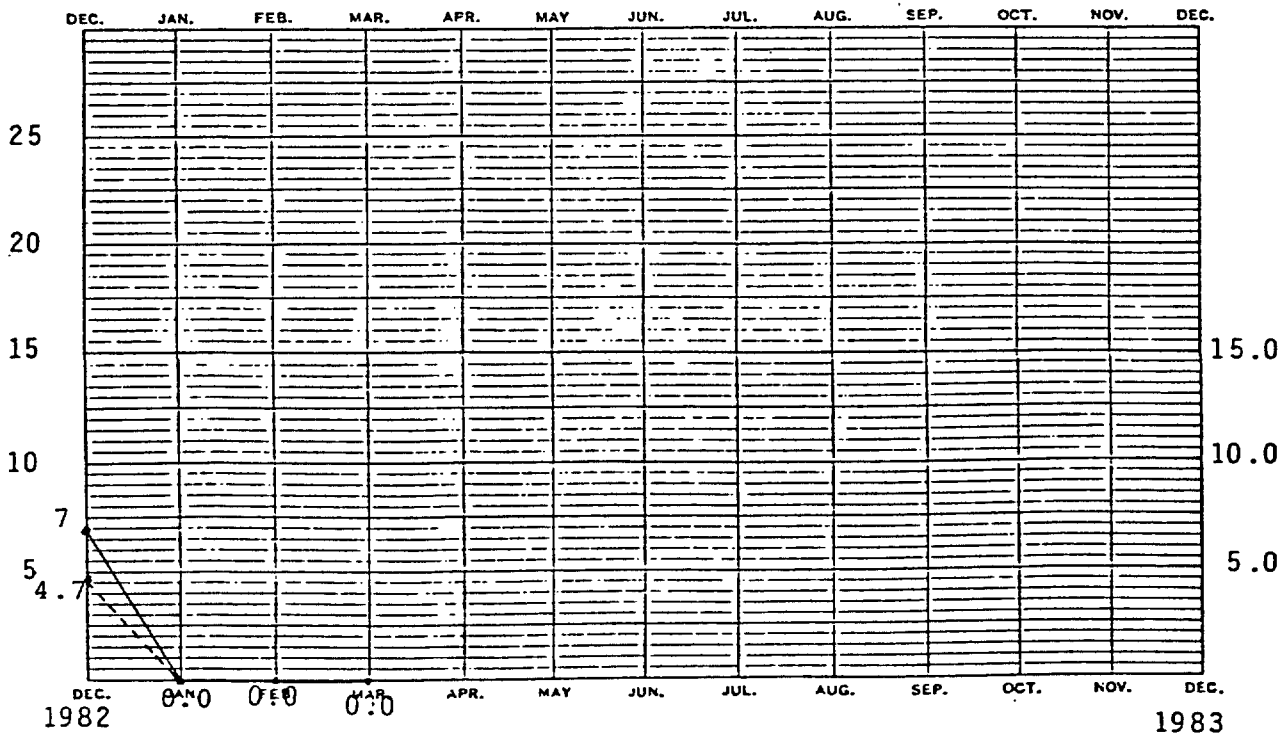
Recordable Injuries

-----Recordable Injury Rate

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Cummulative Recordable Injuries



Cummulative RIR

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