

PLANT MANAGER'S SAFETY BOARD

MINUTES OF MEETING

OCTOBER 21, 1981

Present were:

E.P. Bailey for G.A. Danner	H.L. Schroeder for D.W. Metten
G.W. Daues	C.F. Navarrete
J.A. Glass	S.G. Pappas
D.E. Kaldenberg	G.T. Ryan
B.C. Lancaster	J.G. Trafton
J.J. McClellan	G.L. Tromblee
C.M. McCullough	

I. REVIEW OF STATISTICS--J.A. GlassA. Texas City Plant Safety Performance Summary - September 1981

	1980		1981		1981
	SEPT.	YTD	SEPT.	YTD	TARGETS
TOTAL INJURY CASES	25	177	27	196	--
RECORDABLE CASES					
(A) WITHOUT LOST WORKDAYS (medical treatment only)	1	7	2	15	9
(B) LOST WORKDAYS	0	2	0	6	2
**B ₁ RESTRICTED ACTIVITY	0	0	0	0	--
**B ₂ DAYS AWAY FROM WORK	0	2	0	6	--
(C) FATALITIES	0	0	0	0	--
*TOTAL RECORDABLE CASES	<u>1</u>	<u>9</u>	<u>2</u>	<u>21</u>	<u>11</u>

INJURY RATES PER 200,000 MANHOURS

	1980		1981		1981	YTD 1981 MCIC	
	MTD	YTD	MTD	YTD	TARGETS	TARGET	YTD
TOTAL INJURY - TIR	17.35	13.68	18.53	15.42	--	--	--
TOTAL RECORDABLE - TRR	0.69	0.70	1.37	1.65	0.64	1.84	1.51
TOTAL LOST WORKDAY - TLWR	0.00	0.15	0.00	0.47	0.12	--	0.29
DAYS-AWAY-FROM-WORK - DAWR	0.00	0.15	0.00	0.47	--	--	0.21

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B. Comments on Statistics--J.A. Glass

There is a continuing rise in the total number of injuries. Two recordable injuries occurred in the month of September. However, the total recordable rate dropped slightly to 1.65.

Classifications with rising trendlines are: Operators, Departments 19/25/29, Department 35, Departments 48/56, Analysts, Carpenters and Pipefitters.

Those classifications which are above the upper confidence limit but are starting a downward trend are: Maintenance, Departments 13/14 and 15/16, Boilermakers, Department 51, Departments 44/45/46 and Truckers and Laborers.

C. Contractor Safety--C.M. McCullough

Two recordable injuries occurred in September, bringing the year-to-date total to 12. During the entire year of 1980, only 13 recordable injuries occurred.

The contractor safety orientation film has been shown to all Opel employees. Plans are to show this film to all contractor employees that enter the plant. Greg Daues remarked that he has seen the Chocolate Bayou contractor safety orientation film and feels that ours is superior.

D. CED Project Safety--B.C. Lancaster

September was one of the best months ever at this location with only one recordable injury. However, October is off to a bad start with the incident in Department 53 where four inhalation cases occurred--all lost workday.

II. REPORT OF THE SAFETY ADVISORY COMMITTEE--G.W. Daues

- A. Interlocks--Replies from some operating units indicate disagreement with the bulletin as written. Dennis Kos presented SAC with an operating procedure which he intends to use for control of interlock bypassing in the Styrene Plant. Intend to re-write the procedure requiring written plans such as this one and also dropping the requirement to notify LP&S prior to bypassing an interlock. The proposed bulletin will be reissued prior to next month's PMSB meeting.

B. Rearrangement of Emergency Telephones

Changes approved by the PMSB in September for the 10 telephones which will be operable when normal phone power is off are being implemented. The question remains as to whether or not there are enough

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circuits available. LP&S and communications personnel have begun a study on this subject and will make recommendations to SAC.

C. Ladder Inspection

The recommendation is that the Annual Ladder Inspection next year be done plantwide in a single week. This would reduce the possibility of missing a ladder in the inspection due to ladder movement in the plant. The proposal for ladder replacement was dropped as it was felt this would complicate matters. No problems were found with ladders during the Housekeeping Inspection.

D. Safety P-Bulletins

A second update has been completed and will be issued along with an update of the index to all other P-Bulletins.

E. Tecfacts

An index to Tecfacts was distributed by LP&S. Tecfacts requested were ordered, received and distributed. LP&S will see that Carlos Navarrete obtains the copies he requested.

F. Safety Showers

A new ANSI Standard has been issued. LP&S (Bob Hammann) will make recommendation to SAC based on the standard and desired features. Past work on a plant standard will also be reviewed. Plans are to develop a plant standard for future installations and set up a program covering a four or five year period for completing revisions to existing plant safety showers and eye washes.

G. Contact Lenses

A new Corporate policy on wearing of contact lenses was received. The Personnel Department will work on plans for implementation at the Texas City Plant. We need to be consistent with other MCI plants, especially Chocolate Bayou, in formulating our policy.

III. REPORT OF THE PLANT SAFETY AND HOUSEKEEPING ACTION COMMITTEE (SHAC)—J.J. McClellan

A. 1981 Safety and Housekeeping Inspection October 13, 14, 15

Any suggestions for improving the inspection proceedings will be appreciated by Joe McClellan. Kickoff with the General Superintendents in attendance was well received and should be continued. Even though the General Superintendents are not required to tour with the inspectors, it is a good idea for them to show up when

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the inspectors are in the units.

B. Status of the Accelerated Vessel Inspection Program

Overall inspection of vessels is at 95% of schedule. In the future, this report will be made on a quarterly basis instead of monthly. The next report is expected in January. Especially want to know what tanks are far off schedule and not in compliance. Some tanks that present a big challenge in the future are the cryogenic ammonia tank, benzene and ethylbenzene storage tanks.

C. Status of S-T-A-R-T Safety Program

1. Publicity by LP&S--Bulletin board notices have been posted and a new sign has been erected at the main entrance of the plant. Received excellent feedback from the inspection team on the program. Feel that knowledge of the program has greatly increased in the last two months.
2. Current Slide Show in Fourth Quarter--Are behind in making the slides. Do not expect to issue sets of slides before December 1. Gene Tromblee requested a special session of the Plant Manager's Safety Board in early December to review the slides so that the program can be implemented as soon as possible.

D. Hourly Safety Committee Items

Attendance has been better at the meetings. Many labor relations-type problems have been coming up, i.e., fire watch requirements and dishwashers in Monomers Laboratory. We will reiterate that these items are not items for discussion in the Hourly Safety Committee but should be handled in the Plant/Union Committee meeting.

E. Safety P-Bulletins

SHAC has not taken any action as yet as to determining which P-Bulletins need revision.

F. Quarterly Inspections

Had better luck in the third quarter inspections when a one week time frame was used for completing the inspection. Gene Tromblee feels more emphasis needs to be placed on these inspections as the plant was in very bad shape just prior to the Housekeeping Inspection. Also, areas such as yards, roads, etc., which are ignored in these quarterly inspections need to be identified and an effort made to be sure that they are covered. Perhaps one way to ensure better overall inspections would be for Gene to make a general tour of the plant each quarter.

IV. LOSS REPORTING--R.T. Hammann/J.A. Glass

There are no reports outstanding.

V. 1981 S&PP SURVEY

The report has been received from S&PP. Report will be revised to drop those recommendations that have been completed and will be issued to the PMSB by October 30. Responses to the recommendations need to be received by LP&S by December 1 so that a response to S&PP can be compiled by the requested date of January 1, 1982.

VI. STATUS OF BREATHING AIR SYSTEM PROJECT--G.T. Ryan

Some delay has been experienced in construction and mechanical completion is now expected to be November 15. The problems are that some electrical equipment is not up to plant standards and compressors experienced excessive vibration. The system should be in service very shortly after mechanical completion. Review of this new system has been conducted with operating personnel. Procedures to be followed when system is shut down due to possible contamination are being reviewed today.

VII. REVIEW OF INCIDENTS

The following Monsanto incidents were reviewed:

<u>Date</u>	<u>Incident No.</u>	<u>Description</u>
9/11/81	81-45(No Report Issued)	Inhalation of HCN while installing blinds in HCN line; Dept. 19 (L. Schwab). Report has been written but needs to be checked by attorneys prior to issue.
9/22/81	81-46	Benzene spilled when tank overflowed; Dept. 13/14 (J. Carlisle)

Contractor Incidents

<u>Date</u>	<u>Incident No.</u>	<u>Description</u>
10/13/81	C-81-14(No Report Issued)	Four SIP carpenters inhaled PA fumes while building a scaffold; Dept. 53 (J.D. Stone)
9/26/81	C-81-15(No Report Issued)	While sandblasting a structure, a Sline painter fell and hurt his back and kidneys when caught by his safety belt; Pilot Plant (R. Supak). Information has been gathered. LP&S will help formulate this report.

VIII. OTHER ITEMS

A. Tarp Fires

Concern was expressed over the frequency of tarp fires in the plant. Recommended we look at other possible material for tarp in an area. J. White is checking into a new nylon material which, supposedly, has excellent fire retardancy. Mark Riddle and Tony Ozarchuk will also be checking on new materials at the National Safety Convention in Chicago.

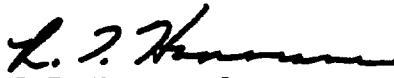
B. Safety and Housekeeping Inspection Report

Gene Tromblee requested that this report be distributed as soon as it is received. A status update will be issued by January 1, 1982.

IX. PLANT MANAGER'S COMMENTS

The S-T-A-R-T Program is now progressing the way it should be. We need to keep the momentum going.

January is approaching and it is a notoriously poor safety performance month. LP&S needs to determine the strategy to be followed to change the January trend in 1982.

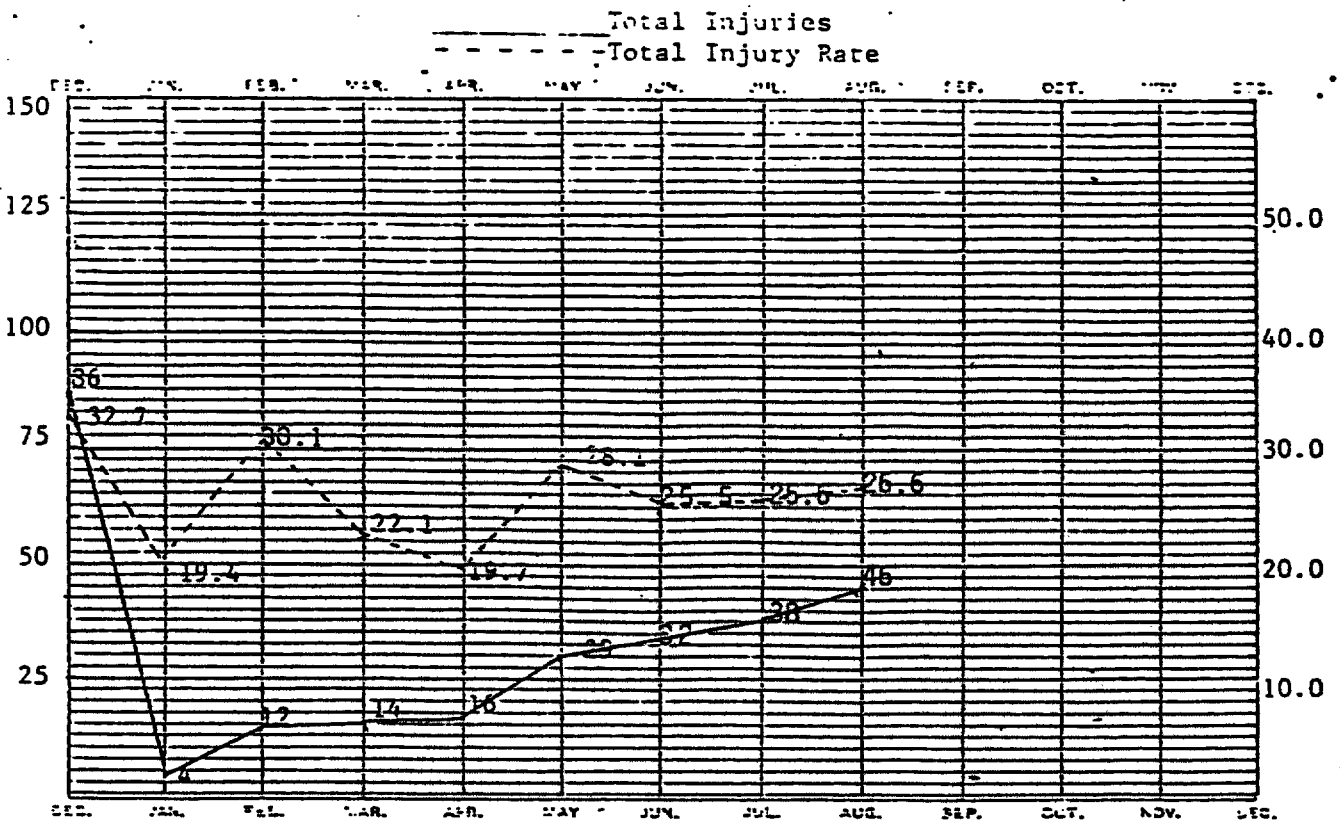

R.T. Hammann for

J.A. Glass

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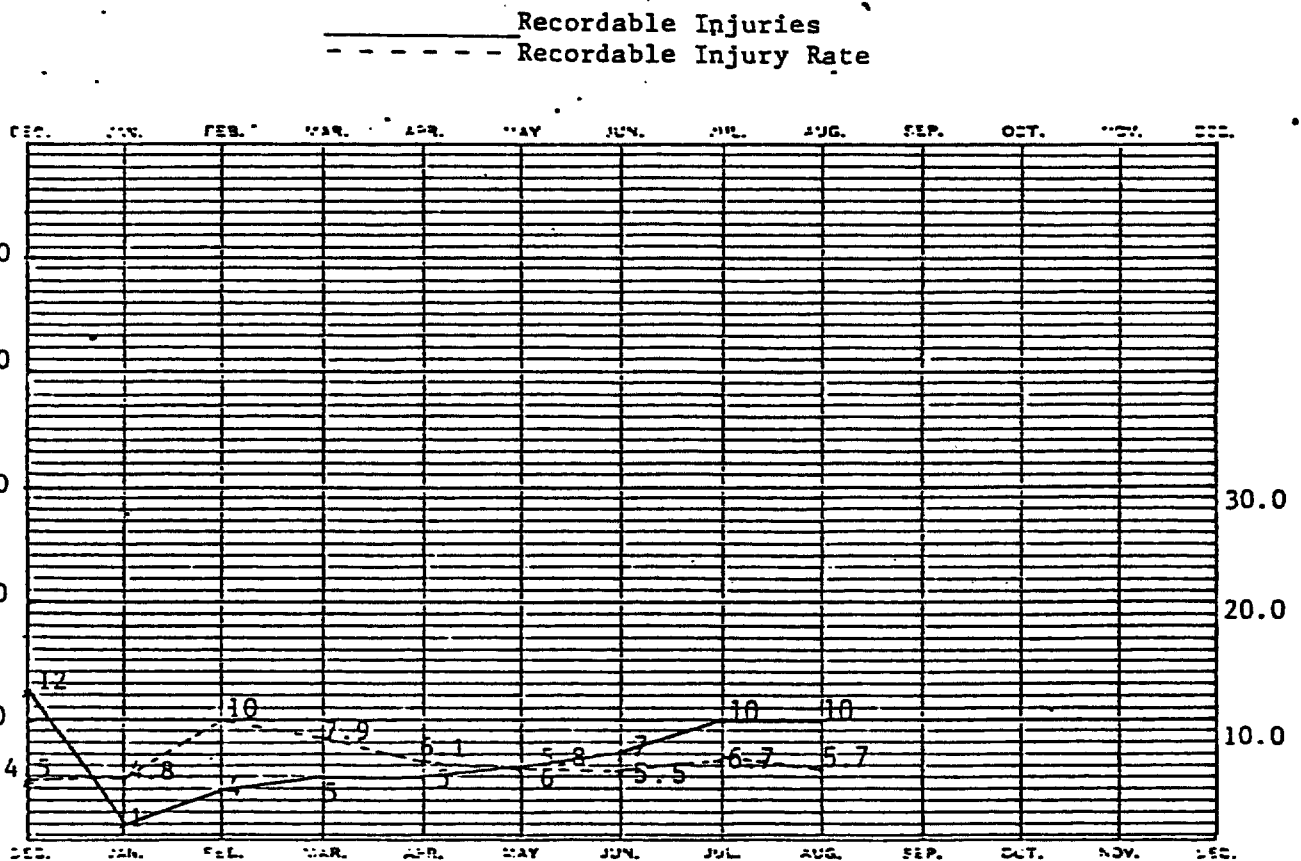
Attachment

Cumulative Injuries



Cumulative TIR

Cumulative Recordable Injuries



Cumulative RIR

TOTAL PLANT CONTRACTOR SAFETY

	<u>YTD '81</u>	<u>Aug. '81</u>	<u>1980 Totals</u>
<u>TOTAL INJURY CASES</u>	46	8	87
<u>RECORDABLE CASES</u>	10	0	13
<u>LOST WORK DAY CASES</u>	0	0	0
<u>DAYS AWAY CASES</u>	5	0	3
<u>TOTAL MANHOURS WORKED (MHW)</u>	345,212	49,327	525,532
<u>FREQUENCY RATES/200,000 MHW</u>			
<u>TOTAL INJURY RATE</u>	26.6	32.4	33.1
<u>TOTAL RECORDABLE INJURY RATE</u>	5.7	0	4.9
<u>TOTAL LOST WORKDAY RATE</u>	0	0	0
<u>TOTAL DAYS AWAY RATE</u>	2.8	0	1.1

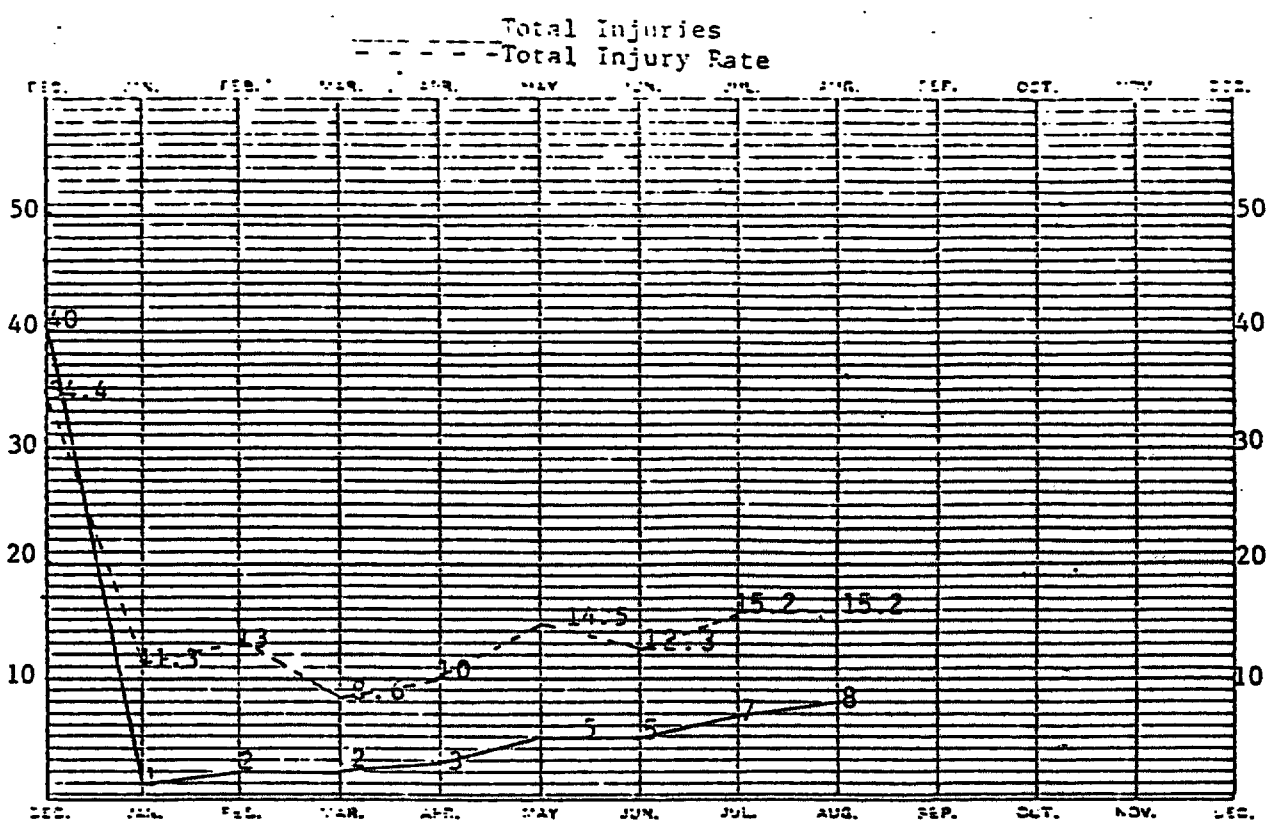
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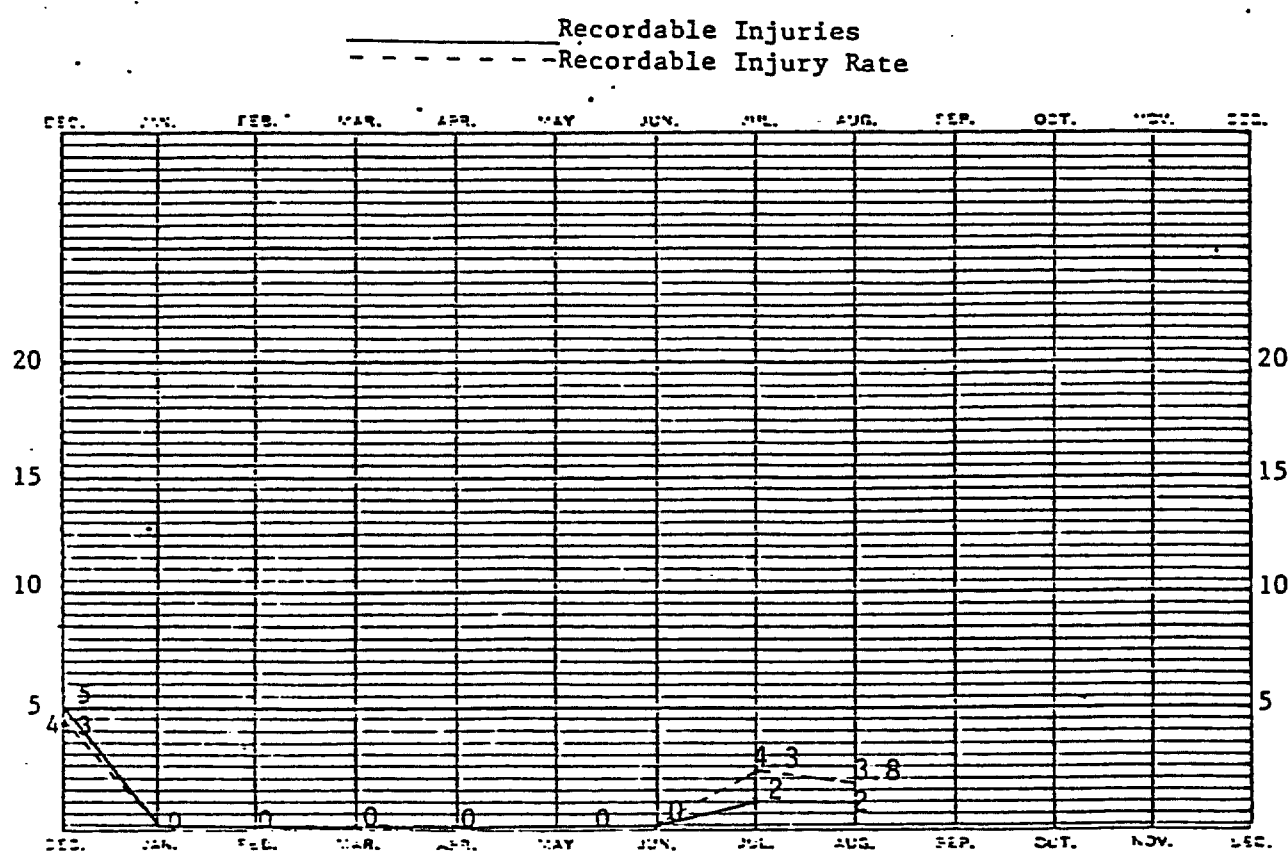
Cummulative Injuries

Cummulative TIR



Cummulative Recordable Injuries

Cummulative RIR



CAPITAL PROJECTS CONTRACTORS

	<u>YTD '81</u>	<u>Aug. '81</u>	<u>1980 Totals</u>
<u>TOTAL INJURY CASES</u>	8	1	41
<u>RECORDABLE CASES</u>	2	0	6
<u>LOST WORK DAY CASES</u>	0	0	0
<u>DAYS AWAY CASES</u>	2	0	2
<u>TOTAL MANHOURS WORKED (MHW)</u>	105,078	13,533	232,120
<u>FREQUENCY RATES/200,000 MHW</u>			
<u>TOTAL INJURY RATE</u>	15.2	14.7	35.3
<u>TOTAL RECORDABLE INJURY RATE</u>	3.8	0	5.1
<u>TOTAL LOST WORKDAY RATE</u>	0	0	0
<u>TOTAL DAYS AWAY RATE</u>	3.8	0	1.7

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