

PLANT SAFETY PERFORMANCE										
February, 1984										
	GROUP	Total Injuries				Injuries/Employee		Days Since Last Major	OSHA Incidence Rate	
		This Month		To Date		To Date			1983	1984
		1983	1984	1983	1984	1983	1984			
PRODUCTION	TEL GROUP A	3	2	3	4(1)	.059	.085	50	0.00	12.53(1)
	B	0	0	1	0	.019	.000	196	0.00	0.00
	C	2	2	3	3	.061	.064	1488	0.00	12.66(1)
	D	1	0	7(1)	2	.137	.043	397	11.79(1)	0.00
	STRAIGHT DAY	0	0	0	1	.000	.038	1417	0.00	0.00
	TOTAL TEL OPERS	6	4	14(1)	10(1)	.057	.046	50	2.44(1)	5.51(2)
	TEL MAINTENANCE	1	7	3	8	.013	.044	1355	0.00	3.24(1)
	GEN SERVICE	0	2	0	2	.000	.032	183	0.00	0.00
	TOTAL TEL MAINT	1	9	3	10	.010	.040	183	0.00	2.41(1)
	TOTAL TEL	7	13	17(1)	20(1)	(b)	.043	50	(b)	3.86(3)
	SODIUM GROUP A	3	1	4	2	.143	.080	2478	21.65(1)	23.34(1)
	B	1	1	1	2	.036	.074	2816	0.00	0.00
	C	0	0	0	0	.000	.000	1442	0.00	0.00
	D	1	2(1)	1	2(1)	.037	.077	5	0.00	22.46(1)
	STRAIGHT DAY	1	0	1	4	.029	.125	888	0.00	0.00
	SODIUM GEN SERV	2	0	2	0	.118	.000	2620	0.00	0.00
	TOTAL SOD OPERS	8	4(1)	9	10(1)	.056	.064	5	3.70(1)	7.63(2)
	SODIUM MAINT	2	1	2	3	.017	.034	872	0.00	0.00
	TOTAL SODIUM	10	5(1)	11	13(1)	(b)	.053	5	(b)	4.86(2)
	H C OPERATIONS	0	0	2	1	.030	.053	1142	0.00	0.00
	H C MAINTENANCE	3	1(1)	5	1(1)	.039	.034	5	4.61(1)	20.52(1)
	H C AUXILIARY	0	1	1	1	.028	.250	3265	0.00	0.00
	TOTAL H C	3	2(1)	8	3(1)	(b)	.058	5	(b)	11.34(1)
	TOTAL PRODUCTION	20	20(2)	36(1)	36(3)	(b)	.047	5	(b)	4.70(6)
PLANT SERVICES	PHOPP	4	2(1)	8	2(1)	.066	.025	27	0.00	7.49(1)
	STOREP	0	0	0	1	(b)	.045	67	(b)	0.00
	GARAGE	2	0	2	0	.045	.000	1868	0.00	0.00
	P&U OPERP	(a)	0	(a)	0	.000	.000	4193	0.00	0.00
	P&U MAINT	0	0	0	0	.000	.000	4193	0.00	0.00
	RAILROAD	(a)	0	(a)	1(1)	(b)	.083	34	(b)	49.60(1)
	TCCO & TCH	(a)	0	(a)	0	(b)	.000	67	(b)	0.00
	CAFETERIA	(a)	0	(a)	0	(b)	.000	67	(b)	0.00
	OTHER	(a)	0	(a)	0	(b)	.000	67	(b)	0.00
	TOTAL PLANT SERV	6	2(1)	10	4(2)	(b)	.021	27	(b)	6.14(2)
CONTROL	CONTROL LABP	0	1	0	1	.000	.083	8813	0.00	0.00
	SAFETY & FIRE	0	0	0	0	.000	.000	3520	0.00	0.00
	SECURITY	(a)	0	(a)	0	(b)	.000	67	(b)	0.00
	TOTAL CL. SSS	0	1	0	1	(b)	.033	67	(b)	0.00
OTHER	R&D MAINTENANCE	(a)	0	(a)	0	(b)	.000	814	(b)	0.00
	R&D LAB & P PLTP	2	4	4	8	.021	.034	507	0.00	2.51(1)
	OTHER R&D	0	0	1	0	.009	.000	11749	0.00	0.00
	ENGINEERING	0	0	0	0	.000	.000	1381	0.00	0.00
	OFFICE	0	0	0	0	.000	.000	3523	0.00	0.00
	TOTAL OTHER	2	4	5	8	(b)	.017	507	(b)	1.25(1)
PLANT TOTAL		29*	27(3)	52(1)*	49(5)	.028*	.034	5	1.37(4)*	3.97(9)

Note: Major and/or OSHA recordable injuries are shown in parentheses.

(a) Included under another group in 1983.

(b) No figures available for 1983.

*Plant totals for 1983 include PVC.

BR 1055 Rev. 1/84

E-01031

ETHYL CORPORATION - BATON ROUGE PLANT
MONTHLY SAFETY REPORT
February - 1984

P L A N T S U M M A R Y				
	THIS MONTH		TOTAL TO DATE	
	Last Year	This Year	Last Year	This Year
MINOR INJURIES	29	24	51	44
MAJOR INJURIES	0	3	1	5
TOTAL INJURIES	29	27	52	49
PARTIAL DUTY CASES	17	11	40	25
AVERAGE NUMBER EMPLOYEES	1836	1435	1852	1461
MAN-DAYS LOST	7	61	9	81
SEVERITY**	25	26	15	18
EXPOSURE HOURS WORKED	281,090	235,698	583,547	453,045
FREQUENCY***	0	12.73	1.71	11.04
OSHA RECORDABLE INJURIES	3	4	4	9
OSHA RECORDABLE INCIDENCE RATES	2.13	3.39	1.37	3.97
OSHA LOST WORKDAY INCIDENCE RATE	3.56	19.52	2.20	16.33
OSHA LOST WORKDAY CASE INC. RATE	0.71	2.55	0.34	2.21

* ADJUSTED

** SEVERITY = THE NUMBER OF MAN-DAYS LOST PER MILLION MAN-HOURS WORKED

*** FREQUENCY = THE NUMBER OF MAJOR INJURIES PER MILLION MAN-HOURS WORKED

Twenty-seven injuries were charged for the month of February. An additional 7 cases were classified as "non-tab". Injuries per employee ratios are: 1982 -- .035, 1983 -- .028, 1984 -- .034.

There were three Major Injuries sustained during the month of February -- 5 versus 1 for the same period last year.

Major Injury No. 3 occurred in Central Shops on February 2, 1984, when the end bell on a large electric motor slid off the cleaning table and struck an employee on his right foot, breaking his large toe and bruising and cutting his foot.

Major Injury No. 4 occurred on February 24, 1984, in the Sodium East Area (H-C) when a piece of two-inch pipe being installed by one employee fell on another one working below. The falling pipe mashed the employee's thumb between another pipe causing a fracture, dislocation and laceration to the left thumb.

Major Injury No. 5 occurred on February 24, 1984, in the Sodium Area when molten tar splashed out of the melting pot. The employee was charging pitch to the melting pot and a lump slipped from his hand, splashing tar onto his right hand. The employee received second degree burns to his hand.

Three cases were reported one or more days late for first treatment at Medical.

(Continued)

E-01032

ETC 14818

PLANT SUMMARY

(Continued)

Eight cases were classified as "pending" and required special checking.

There were three "no-injury" accident reports received during the month.

Ten off-the-job, time-losing injuries were reported for the month, fifteen for the year.

E-01033

ETC 14819

ETRYL CORPORATION
Baton Rouge Plant

Date February, 1984

ACCIDENT AND INJURY ANALYSIS

TYPE OF INJURY	BODY PART	TYPE OF ACCIDENT		IMMEDIATE CAUSE OF ACCIDENT		
				UNSAFE ACTS (SUB-STANDARD ACT)	UNSAFE CONDITIONS (SUB-STANDARD)	
Blisters	Head	2		Operating without authority	Inadequate guards or protection	
Irritation	Face			Failure to warn or secure	Defective tools, equipment	1
Abrasion	Eye	4		Operating at improper speed	Congestion	
Contusion	Nose	10		Making safety devices inoperable	Inadequate warning system	
Somatos	Mouth			Using defective equipment	Fire hazard	
Laceration	Ear	1		Using equipment improperly	Sub-standard housekeeping	1
Puncture	Neck			Improper loading and placement	Hazardous gas, vapor, or dusts	
Concussion	Chest			Failure to use personal protective equipment	Excessive noise	
Abruision	Lungs			Improper lifting	Radiation exposure	
Infection	Shoulder			Taking improper position	Inadequate illumination or ventilation	
Dislocation	Arm	1		Working on equipment in motion	Failure of equipment	
Strain	Elbow	2		Horseplay	Improper design or arrangement	1
Sprain	Wrist	1		Improper type or improper fitting safety equipment		
Burns	Hand	5		Failure to follow job procedure		
Fracture	Finger	2		Inadequate procedure		
Amputation	Abdomen					
Thermal burn	Back	2				
Chemical burn	Elip	1				
Arc burn	Thigh					
Toxic inhalation	Knee	3				
Foreign Body	Leg	1				
* N. O. C.	Ankle	1				
	Foot	2				
	Toe					
		27				

E-01034

OSHA RECORDABLE INJURIES - 1984

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NO.	NAME & NO. - FOREMAN	DATE & AREA	BRIEF DESCRIPTION	PREVENTION
4.	J. R. LeJeune, #936 B. Hood	1/19/84 TEL Ops. "C"	CONTUSION RIGHT KNEE AND FRACTURE LEFT WRIST Walked through northwest door of center tunnel and stepped through a faulty floor grating causing him to fall to the floor. He bruised his right knee and fractured his left wrist.	Work Order written to repair faulty grating.
5.	R. B. Soulier, #586 O. M. Hughes	1/26/84 Railroad	LEFT ANKLE SPRAIN AND FRACTURE OF CALCANEUS The set of wheels under the switchman derailed at the switch. The violent shaking of the rail car caused him to be thrown from the car, breaking his heel on impact.	The worn rail at the switch point was replaced and fitted better. A weekly inspection of all switch points will be conducted as they are greased. Train crews were notified to report any deficiencies sighted.
6.	S. Watts, #1170 G.L. Spurgeon	2/2/84 C. Shops	CONTUSION AND LACERATIONS 1ST, 2ND, AND 3RD TOES AND FRACTURE GREAT TOE RIGHT FOOT While turning an end bell over to wash the other side, it slipped off table and hit his foot.	A stop ring was installed around the table. Wheel chocks were fabricated and table top locking device was repaired.
7.	T.J. Averett, #3473 W.J. Romig	2/11/84 TEL Maint.	BROKEN TOOTH AND CONTUSION OF LOWER LIP While pulling on an Allen wrench, it slipped and hit employee in the mouth breaking his tooth and causing a contusion of the lower lip.	Before using an Allen wrench on a worn out screw, check the screw. If worn, use a drill to remove the screw.
8.	L.L. Reine, #4849 G.L. Golson	2/24/84 Sod. Maint. East (H-C)	FRACTURE - DISLOCATION - LACERATION OF LEFT THUMB DISTAL PHALANX A piece of pipe was dropped from overhead and fell on employee's thumb.	Employees installing threaded pipe will be instructed to inspect each joint to make certain threads are properly cut. When working above, employees should be sure that materials and tools are securely held at all times.

F-01035

ETC 14821

OSHA RECORDABLE INJURIES - 1984

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NO.	NAME & NO. - FOREMAN	DATE & AREA	BRIEF DESCRIPTION	PREVENTION
9.	J.C. Tate, #1045 C.M. Bourg, Jr.	2/24/84 Sod. Oper. "D"	HOT TAR BURN (SECOND DEGREE) OF RIGHT HAND While filling pitch melting pot, he removed mitt from right hand. The pitch slipped from his hand into the pot and splashed molten tar onto his hand.	Proper protective equipment for the job should be worn at all times. Dangers will be pointed out if not worn.

E-01036

ETC 14822

OFF - PLANT TIME-LOSING INJURIES

February, 1984

MONTH

MONTH									
		Total ON-Plant Time Losing Injuries				Off-Plant Time Losing Injuries/Employees		Days Lost ON Plant Injuries	
GROUP	THIS MONTH		To Date		To Date		To Date		
	1983	1984	1983	1984	1983	1984	1983	1984	
TEL GROUP A	1	0	1	0	.020	.000	21	0	
B	0	0	1	0	.019	.000	9	0	
C	0	1	0	1	.000	.106	0	4	
D	2	1	2	3	.039	.315	14	42	
STRAIGHT DAY	1	0	1	0	.024	.000	8	0	
TOTAL TEL OPERS	4	2	5	4	.020	.093	52	46	
TEL MAINTENANCE	0	5	2	5	.009	.136	4	24	
GEN SERVICE	0	0	0	0	.000	.000	0	0	
TOTAL TEL MAINT	0	5	2	5	.007	.010	4	24	
TOTAL TEL	4	7	7	9	(b)	.097	(b)	70	
SODIUM GROUP A	0	0	1	0	.036	.000	5	0	
B	0	0	0	1	.000	.182	0	7	
C	0	1	0	1	.000	.182	0	4	
D	0	0	0	0	.000	.000	0	0	
STRAIGHT DAY	0	0	0	0	.000	.000	0	0	
SODIUM GEN SERV	0	0	0	0	.000	.000	0	0	
TOTAL SOD OPERS	0	1	1	2	.006	.006	5	11	
SODIUM MAINT	0	0	0	0	.000	.000	0	0	
TOTAL SODIUM	0	1	1	2	(b)	.041	(b)	11	
H C OPERATIONS	3	0	5	0	.075	.000	21	0	
H C MAINTENANCE	1	0	1	0	.008	.000	30	0	
H C AUXILIARY	0	0	0	0	.000	.000	0	0	
TOTAL H C	4	0	6	0	(b)	.000	(b)	0	
TOTAL PRODUCTION	8	8	14	11	(b)	.072	(b)	81	
PHOFF	0	0	0	0	.000	.000	0	0	
PTOREF	0	0	0	0	(b)	.000	(b)	0	
GARAGE	0	1	0	1	.000	.031	0	4	
PAU OPERF	(a)	0	(a)	0	(b)	.000	(b)	0	
PAU MAINT	1	0	1	0	.027	.000	4	0	
RAILROAD	(a)	0	(a)	0	(b)	.000	(b)	0	
TCCO & TCR	(a)	0	(a)	0	(b)	.000	(b)	0	
CAFETERIA	(a)	0	(a)	0	(b)	.000	(b)	0	
OTHER	(a)	0	(a)	0	(b)	.000	(b)	0	
TOTAL PLANT SERV	1	1	1	1	(b)	.026	(b)	4	
CONTROL LABF	0	0	0	0	.000	.000	0	0	
SAFETY & FIRE	0	0	0	0	.000	.000	0	0	
SECURITY	(a)	0	(a)	0	(b)	.000	(b)	0	
TOTAL CL, SAS	0	0	0	0	(b)	.000	(b)	0	
R&D MAINTENANCE	(a)	0	(a)	1	(b)	.122	(b)	2	
R&D LAB & P PLTF	1	1	1	2	.005	.042	15	9	
OTHER R&D	0	0	0	0	.000	.000	0	0	
ENGINEERING	0	0	0	0	.000	.000	0	0	
OFFICE	0	0	0	0	.000	.000	0	0	
TOTAL OTHER	1	1	1	3	(b)	.031	(b)	11	
PLANT TOTAL	10	10	16	15	.009	.051	131	96	

Form BR 1471
Revised 1/84

(a) Included under another group in 1983
(b) No figures available for 1983

E-01037

ETC 14823

RETURN BY THE 10TH OF EACH MONTH TO:

Safety Council of Greater Baton Rouge
1536 North Foster Drive
Baton Rouge, LA 70806

MONTH February

YEAR 1984

MONTHLY SUMMARY OF OFF-THE-JOB ACCIDENTS

COMPANY Ethyl Corporation NO. OF EMPLOYEES 1435

OFF-THE-JOB EXPERIENCE: Number of Lost-Time Injuries 10 Number of Fatalities 0

Days Lost* 42 Days Lost Carryover**(from accidents previous months) 116

No. of Lost-Time Injuries includes all injuries other than those on-the-job which result in employees loss of one or more full working days. Include fatalities.

Fatalities include those which occur during the month. Indicate the type of activity under "remarks". If employee dies from injury previously reported, indicate the type of accident or activity and month of occurrence.

*Days Lost. Total Calendar days lost from work plus all intervening holidays, vacations and other non-scheduled time during which employees are unable to work because of injuries. For permanent/partial disabilities, do not include scheduled charges (use only actual days lost.)

**Days Lost Carryover. Total in current month from an accident already reported for a previous month.

HOME	No. Cases	Days Lost	Days Lost Carryover
Firearm	---	---	---
Machinery, tools	---	---	---
Fire, explosion	---	---	---
Electricity	---	---	---
Toxic material	---	---	---
Fall, slip	---	---	58
Improper lifting	2	5	---
Hot object, material	---	---	---
Struck by object	1	2	---
Sharp object	1	1	---
Other	1	5	---
TOTAL	5	13	58

TRANSPORATION	No. Cases	Days Lost	Days Lost Carryover
Auto, truck	---	---	58
Bicycle	---	---	---
Bus, streetcar	---	---	---
Motorcycle	1	4	---
Railroad	---	---	---
Boat	---	---	---
Pedestrian	---	---	---
Other	---	---	---
TOTAL	1	4	58

PUBLIC	No. Cases	Days Lost	Days Lost Carryover
Firearm	---	---	---
Sports	4	25	---
Fire, explosion	---	---	---
Fight, assault	---	---	---
Animal, insect	---	---	---
Exposure, heat cold	---	---	---
Toxic material	---	---	---
Fall, slip	---	---	---
Struck by object	---	---	---
Other	---	---	---
TOTAL	4	25	0

MONTH'S TOTAL	10	42	116
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REMARKS:

B. J. Perry

E-01038

ETC 14824

OFF-THE-JOB, TIME-LOSING INJURIES -- 1984

Page 1

NAME & BADGE	INJURY NO.	WORK GROUP	FDD	RETURN DATE	DESCRIPTION
G. Wilson #5827	1-84	R&D Maint.	1/16/84	1/18/84	While walking across walkway at home, slipped and broke right thumb.
A. W. Hunt #844	2-84	Sod. Oper. "B"	1/10/84	1/17/84	Auto accident. Bruised his ribs.
M. D. Adams #5629	3-84	R&D Lab	1/1/84	1/9/84	While lifting a hydraulic wood splitter in back of pickup truck, he pulled muscles in his back.
W. S. Beall #887	4-84	TEL Oper. "D"	1/25/84		Fell at home and twisted his left knee.
N. Major #1276	5-84	TEL Oper. "D"	1/30/84	2/2/84	Turned ankle as he stepped out of a boat after fishing.
J. Duhon #619	6-84	TEL Maint.	2/3/84	2/13/84	While working out at YMCA, he pulled a muscle in his back.
H. Weaver #3455	7-84	TEL Oper. "D"	2/6/84	2/11/84	While wrestling with son, he twisted his neck.
J. P. Jones #1904	8-84	Garage	2/13/84	2/17/84	Motorcycle accident. While riding into a curve, he hit oil slick and lost control.
C. Smith #1256	9-84	Sod. Oper. "C"	2/16/84	2/20/84	He stepped in a hole while jogging and sprained his right ankle.
G. Elliott #1037	10-84	TEL Maint.	2/13/84	2/20/84	While playing basketball, he pulled muscle in his back.
C. Forbes #3323	11-84	TEL Maint.	2/20/84	2/22/84	While walking through door in his home, he broke his little toe on door facing.

E-01039

OFF-THE JOB, TIME-LOSING INJURIES -- 1984

Page 2

NAME & BADGE	INJURY NO.	WORK GROUP	FDD	RETURN DATE	DESCRIPTION
B. Perry #1187	12-84	TEL Maint.	2/23/84	2/24/84	While dismantling an old building, a nail stuck into his right foot through his tennis shoes.
D. E. Tapia #1262	13-84	TEL Oper. "C"	2/25/84		While welding at home and picking up angle iron, he pulled a muscle in his back.
S. B. Moran #507	14-84	TEL Maint.	2/27/84		While playing racquetball in Houston, he sprained his left ankle.
J. J. Langlois #4241	15-84	R&D Lab	2/28/84		While working on stalled car, he strained muscles in both legs.

E-01040

ETC 14826