

PLANT SAFETY PERFORMANCE								January, 1984	
GROUP	Total Injuries				Injuries/Employee To Date		Days Since Last Major	OSHA Incidence Rate	
	This Month		To Date		1983	1984		1983	1984
	1983	1984	1983	1984					
TEL GROUP A	0	2(1)	0	2(1)	.000	.041	21	0.00	24.30(1)
B	1	0	1	0	.019	.000	167	0.00	0.00
C	1	1	1	1	.020	.021	1459	0.00	24.80(1)
D	6(1)	2	6(1)	2	.118	.042	368	23.34(1)	0.00
STRAIGHT DAY	0	1	0	1	.000	.038	1388	0.00	0.00
TOTAL TEL OPERS	8(1)	6(1)	8(1)	6(1)	.033	.027	21	4.86(1)	10.77(2)
TEL MAINTENANCE	2	1	2	1	.009	.005	1326	0.00	0.00
GEN SERVICE	0	0	0	0	.000	.000	154	0.00	0.00
TOTAL TEL MAINT	2	1	2	1	.007	.004	154	0.00	0.00
TOTAL TEL	10(1)	7(1)	10(1)	7(1)	**	.015	21	**	4.98(2)
SODIUM GROUP A	1	1	1	1	.036	.033	2449	0.00	39.68(1)
B	0	1	0	1	.000	.033	2787	0.00	0.00
C	0	0	0	0	.000	.000	1413	0.00	0.00
D	0	0	0	0	.000	.000	1386	0.00	0.00
STRAIGHT DAY	0	4	0	4	.000	.111	859	0.00	0.00
SODIUM GEN SERV	0	0	0	0	.000	.000	2591	0.00	0.00
TOTAL SOD OPERS	1	6	1	6	.006	.035	859	0.00	6.92(1)
SODIUM MAINT	0	2	0	2	.000	.022	843	0.00	0.00
TOTAL SODIUM	1	8	1	8	**	.031	843	**	2.86(1)
H C OPERATIONS	2	1	2	1	.029	.050	1113	0.00	0.00
H C MAINTENANCE	2	0	2	0	.015	.000	785	0.00	0.00
H C AUXILIARY	1	0	1	0	.026	.000	3236	0.00	0.00
TOTAL H C	5	1	5	1	**	.019	785	**	0.00
TOTAL PRODUCTION	16(1)	16(1)	16(1)	16(1)	**	.020	21	**	4.50(3)
PHOFF	4	0	4	0	.033	.000	1986	0.00	0.00
STOREP	0	1	0	1	**	.045	38	**	0.00
GARAGE	0	0	0	0	.000	.000	1839	0.00	0.00
PAU OPERP	*	0	*	0	.000	.000	4164	0.00	0.00
PAU MAINT	0	0	0	0	.000	.000	4164	0.00	0.00
RAILROAD	*	1(1)	*	1(1)	**	.083	5	**	99.21(1)
TCCO & TCR	*	0	*	0	**	.000	38	**	0.00
CAFETERIA	*	0	*	0	**	.000	38	**	0.00
OTHER	*	0	*	0	**	.000	38	**	0.00
TOTAL PLANT SERV	4	2(1)	4	2(1)	**	.010	5	**	6.20(1)
CONTROL LABP	0	0	0	0	.000	.000	8784	0.00	0.00
SAFETY & FIRE	0	0	0	0	.000	.000	3491	0.00	0.00
SECURITY	*	0	*	0	**	.000	38	**	0.00
TOTAL CL. S&S	0	0	0	0	**	.000	38	**	0.00
R&D MAINTENANCE	*	0	*	0	**	.000	785	**	0.00
R&D LAB & P PLTF	2	4	2	4	.011	.017	478	0.00	4.96(1)
OTHER R&D	1	0	1	0	.009	.000	11720	0.00	0.00
ENGINEERING	0	0	0	0	.000	.000	1352	0.00	0.00
OFFICE	0	0	0	0	.000	.000	3494	0.00	0.00
TOTAL OTHER	3	4	3	4	**	.008	478	**	2.52(1)
PLANT TOTAL	23(1)	22(2)	23(1)	22(2)	.012	.015	5	0.66(1)	4.60(5)

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

HR 1055 Rev. 1/84

*Included under another group in 1983.

**No figures available for 1983.

E-01008

ETHYL CORPORATION - BATON ROUGE PLANT
MONTHLY SAFETY REPORT
January - 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	22	20	22	20
MAJOR INJURIES	1	2	1	2
TOTAL INJURIES	23	22	23	22
PARTIAL DUTY CASES	15	14	15	14
AVERAGE NUMBER EMPLOYEES	1867	1488	1867	1488
MAN-DAYS LOST	2	20	2	20
SEVERITY**	7	92	7	92
EXPOSURE HOURS WORKED	302,457	217,347	302,457	217,347
FREQUENCY***	3.31	9.20	3.31	9.20
OSHA RECORDABLE INJURIES	1	5	1	5
OSHA RECORDABLE INCIDENCE RATES	0.66	4.60	0.66	4.60
OSHA LOST WORKDAY INCIDENCE RATE	1.32	12.88	1.32	12.88
OSHA LOST WORKDAY CASE INC. RATE	0.66	1.84	0.66	1.84

* 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-two injuries were charged for the month of January. An additional 20 cases were classified as "non-tab". Injuries per employee ratios are: 1982 -- .020, 1983 -- .012, 1984 -- .015.

There were two Major Injuries sustained during the month of January -- 2 versus 1 for the same period last year.

Major Injury No. 1 occurred on 1/10/84 when a TEL Operator sustained an EDB burn on his left foot.

Major Injury No. 2 occurred on 1/26/84 when a Railroad Switchman suffered a left ankle sprain and a fractured heel after being thrown from a rail car.

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

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

There was one "no-injury" accident report received during the month.

Five off-the-job, time-losing injuries were reported for the month, five for the year.

E-01009

ETHEL CORPORATION

Saton Rouge Plant

Date January - 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)	
Blister			1	Operating without authority	Inadequate guards or protection	3
Irritation	2	Head	1	Failure to warn or secure	Defective tools, equipment	1
Abrasion	1	Face	2	Operating at improper speed	Congestion	
Contusion	3	Eye	4	Making safety devices inoperable	Inadequate warning system	
		Nose		Using defective equipment	Fire hazard	1
		Mouth	1	Using equipment improperly	Sub-standard housekeeping	1
Laceration	3	Ear		Improper loading and placement	Hazardous gas, vapor, or dusts	2
Puncture		Neck	1	Failure to use personal protective equipment	Excessive noise	
Concussion		Chest		Improper lifting	Radiation exposure	
Avulsion		Lungs	1	Taking improper position	Inadequate illumination or ventilation	
Infection		Shoulder		Working on equipment in motion	Failure of equipment	
Dislocation		Arm	2	Morseplay	Improper design or arrangement	
Strain		Elbow		Improper type or improper fitting safety equipment		
Sprain	3	Wrist		Failure to follow job procedure		2
Hernia		Hand	3	Inadequate procedure		4
Fracture	2	Finger				
Amputation		Abdomen				
Thermal burn	3	Back				
Chemical burn	4	Hip				
Arc burn		Thigh				
Toxic inhalation	1	Knee	1			
Foreign Body		Leg				
* N. O. C.		Ankle	1			
		Foot	2			
		Toe				
			22			

E-01010

NO.	NAME & NO. - FOREMAN	DATE & AREA	BRIEF DESCRIPTION	PREVENTION
1.	C. Lessard #1092 Foreman: C. M. Bourg, Jr.	1/11/84 Sod. Ops. "A"	LACERATION OF MIDDLE FINGER While making a buttonhole with knife in strap of overalls, he cut his right middle middle finger.	Instructed employee on safer procedures to punch buttonhole in straps.
2.	L. Beauregard #743 Foreman: S. Fortie	1/10/84 TEL Ops. "A"	EDB BURN LEFT FOOT While walking in the area of Number 5 fluid tank car loading spot and east EDB tank car unloading spot, he unknowingly splashed EDB with water onto his left shoe. He continued to wear his shoes the remainder of the shift and suffered a chemical burn.	Supervision will insist on employees wearing overshoes or rubber boots when water is standing in the Blender car spots. Same will be required when connecting or disconnecting an EDB car. Leaks are to be corrected and spills cleaned up immediately. Drainage of the area will be improved.
3.	R. Smith, #7432 E. H. Frederic	1/18/84 R&D	CONTUSION AND LACERATION HEAD - ABRASIONS LEFT LEG While on third level of HPS Pilot Plant, stepped back into hole on floor and fell four feet to mezzanine. Landed on his back and struck head and left shoulder as he fell.	Hole was roped off and a safety chain installed. The safety gate at the head of the ladder down to the second floor was reversed to direct traffic away from hole. A hoist or lifting device was to be installed. An equipment design change to be installed will greatly reduce the time that the grating will be out of place.

E-01011

ETC 14797

OSHA RECORDABLE INJURIES - 1984

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 switch- man 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.

E-01012

ETC 14798

OFF - PLANT TIME-LOSING INJURIES

January - 1984

GROUP	Total Off-Plant Time Losing Injuries				Off-Plant Time Losing Injuries/Employee		Days Lost Off Plant Injuries	
	THIS MONTH		To Date		To Date		To Date	
	1983	1984	1983	1984	1983	1984	1983	1984
	1983	1984	1983	1984	1983	1984	1983	1984
TEL GROUP A	0	0	0	0	.000	.000	0	0
B	1	0	1	0	.019	.000	9	0
C	0	0	0	0	.000	.000	0	0
D	0	2	0	2	.000	.042	0	8
STRAIGHT DAY	0	0	0	0	.000	.000	0	0
TOTAL TEL OPERS	1	2	1	2	.004	.009	9	8
TEL MAINTENANCE	2	0	2	0	.009	.000	4	0
GEN SERVICE	0	0	0	0	.000	.000	0	0
TOTAL TEL MAINT	2	0	2	0	.007	.000	4	0
TOTAL TEL	3	2	3	2	**	.004	**	8
SODIUM GROUP A	1	0	1	0	.036	.000	5	0
B	0	1	0	1	.000	.033	0	7
C	0	0	0	0	.000	.000	0	0
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	1	1	1	1	.006	.006	5	7
SODIUM MAINT	0	0	0	0	.000	.000	0	0
TOTAL SODIUM	1	1	1	1	**	.004	**	7
H C OPERATIONS	2	0	2	0	.029	.000	2	0
H C MAINTENANCE	0	0	0	0	.000	.000	0	0
H C AUXILIARY	0	0	0	0	.000	.000	0	0
TOTAL H C	2	0	2	0	**	.000	**	0
TOTAL PRODUCTION	6	3	6	3	**	.004	**	15
PHOPF	0	0	0	0	.000	.000	0	0
PTOREF	0	0	0	0	**	.000	**	0
GARAGE	0	0	0	0	.000	.000	0	0
PAU OPERF	*	0	*	0	.000	.000	0	0
PAU MAINT	0	0	0	0	.000	.000	0	0
RAILROAD	*	0	*	0	**	.000	**	0
TCCO & TCR	*	0	*	0	**	.000	**	0
CAFETERIA	*	0	*	0	**	.000	**	0
OTHER	*	0	*	0	**	.000	**	0
TOTAL PLANT SERV	0	0	0	0	**	.000	**	0
CONTROL LABF	0	0	0	0	.000	.000	0	0
SAFETY & FIRE	0	0	0	0	.000	.000	0	0
SECURITY	*	0	*	0	**	.000	**	0
TOTAL CL, SBS	0	0	0	0	**	.000	**	0
R&D MAINTENANCE	*	1	*	1	**	.024	**	2
R&D LAB & P PLTF	0	1	0	1	.000	.004	0	8
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	0	2	0	2	**	.004	**	10
PLANT TOTAL	6	5	6	5	.003	.003	20	25

Form BR 1471
Revised 1/84

* Included under another group in 1983.
** No figures available for 1983.

E-01013

ETC 14799

RETURN BY THE 10TH OF EACH MONTH TO:

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

MONTH January
YEAR 1984

MONTHLY SUMMARY OF OFF-THE-JOB ACCIDENTS

COMPANY Ethyl Corporation NO. OF EMPLOYEES 1488
OFF-THE-JOB EXPERIENCE: Number of Lost-Time Injuries 5 Number of Fatalities 0
Days Lost* 25 Days Lost Carryover**(from accidents previous months) 93

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	2	8	31
Improper lifting	1	8	
Hot object, material			
Struck by object			
Sharp object			
Other			
TOTAL	3	16	31

TRANSPORTATION	No. Cases	Days Lost	Days Lost Carryover
Auto, truck	1	7	62
Bicycle			
Bus, streetcar			
Motorcycle			
Railroad			
Boat	1	2	
Pedestrian			
Other			
TOTAL	2	9	62

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

MONTH'S TOTAL	5	25	93
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SIGNATURE B. J. Lentz

REMARKS _____

E-01014

ETC 14800

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

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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	TO Oper. "D"	1/25/84		Fell at home and twisted his left knee.
N. Major #1276	5-84	TO Oper. "D"	1/30/84	2/2/84	Turned ankle as he stepped out of a boat after fishing.

E-01015

ETC 14801