



Scheduling Meeting of July 24th, 2012

Number and rate of TRC and DART cases by FY - Includes Employees & Subcontractors

	FY08	Rate	FY09	Rate	FY10	Rate	FY11	Rate	FY12	Rate	Goal	Rate
TRC Cases	12	0.66	26	1.22	19	1.04	20	1.03	31	2.01	<12	0.65
DART Cases	3	0.16	12	0.64	6	0.34	6	0.26	13	0.91	<5	0.25

TRC = Total Recordable Case means more than first aid treatment was given.

DART = Days Away Restricted Transferred means more than first aid treatment was given AND restrictions were job limiting or the employee could not work.

Injuries:

Division	Category	Case Date	Date Entered	Recordable?	Rx	Medical		ESH	
						ODD	LDD	ODD	LDD
FE	FNAL	07/18/2012	07/18/2012	Yes	Y	2	0	2	0
<p>Medical Comments: After throwing cardboard into a recycling dumpster and closing lid, the employee was stung by a wasp on the left wrist. On 7/19/12, the employee came back to medical for recheck and had swelling of hand, wrist, arm and lymph nodes. He was sent to the ER where he was evaluated and IV medication given.</p>									
<p>ES&H Comments: The employee developed cellulitis requiring medical treatment and resulting in lost time.</p>									
FE	FNAL	07/18/2012	07/18/2012	No		0	0	0	0
<p>Medical Comments: When switching power back at CDF, the employee was stung on the right index and right middle fingers by a wasp.</p>									
<p>ES&H Comments: Report only.</p>									
TD	FNAL	07/18/2012	07/19/2012	Yes	Y	32	0	18	0
<p>Medical Comments: The employee turned and stumbled backwards falling with both arms outstretched to break his fall. On 7/19/12, the employee was seen at Tyler medical for x-rays and was diagnosed with a hairline fracture of the left wrist and a displaced fracture of the right wrist that will require surgery.</p>									
<p>ES&H Comments: The injured employee (Employee #1) had walked to the back of Lab 1 (Cut Shop) to survey the incoming stock materials that had accumulated in that area. A second employee</p>									

(Employee #2) was moving a flat metal sheet with the overhead crane from that area and was slowing backing through the same general area as he moved the load. Employee #1 states that he stepped back to turn to walk back towards the front of the building, and the next thing that he can recall is that he is falling backwards. Concern for landing on sharp metal materials flashed through the employee's mind, so he put out both hands attempting to break his fall. Employee #2 states that he had his back to Employee #1 and did not see him fall, but that he heard him hit the floor and went to his assistance. The end result (based on evaluation by the orthopedic surgeon) is a hairline fracture in the left wrist and a fracture in the right wrist that requires surgery. A visit to the site of the incident with Employee #1 noted a pallet of flat stock materials next to where the employee was conducting his visual survey. Machine Repair is working on the water jet located near the area, and the pallet of material normally located next to it has been relocated to the area where Employee #1 was standing. It is possible that the employee lost his balance from catching his foot on a corner of material on the pallet as he stepped back. The employee has no recollection of tripping over this material, however. It is possible that the employee may have forgot about the pallet of material as he stepped back to turn.

TD	FNAL	07/19/2012	07/19/2012	Yes		0	0	0	0
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Medical Comments: While removing a transfer line, the brass coupling broke free and struck the employee in the left eyebrow. Three stitches were required to close the wound.

ES&H Comments: The stainless steel liquid helium transfer line on this particular cryogenic test dewar fits quite snugly into the dewar port. As the employee was removing the transfer line, which requires a simultaneous twisting and pulling action, the resistance released unexpectedly as he was giving it a strong pull. The transfer line came up towards the employee's face, and a brass flange on the transfer line at the point where it makes a 90 degree bend hit him just above the safety glasses over the left eye. Three sutures were required to close the wound. The employee returned to work without limitations and the following corrective actions were implemented: (1) A piece of dense packing foam was cut to fit over the brass coupling on the stinger; (2) The stinger will be polished with emery paper to remove any roughness; (3) Although it will probably be scraped off due to the tight fit, the stinger will be sprayed with graphite before inserting it into the dewar port.

TD	FNAL	07/19/2012	07/20/2012	No		0	0	0	0
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Medical Comments: While scraping paint off with a scraper, the employee experienced an irritation/tendonitis on the 3rd finger of her left hand.

ES&H Comments: The employee was using a standard paint scraper to collect samples for analysis of lead-containing paint on service doors in advance of maintenance on the doors. Samples were collected from five doors, which is an unusually large number of doors at one time for this activity. Normally gloves are not worn since there is no cut hazard with both hands on the scraper, a good grip on the scraper is required, and manual dexterity is required to handle the sample bags. A pair of half-finger impact gloves with gel palms and fingers, that will provide both cushioning and manual dexterity, have been identified for future activities of this type.

FE	FNAL	07/21/2012	07/23/2012	Yes	Y	0	0	0	0
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Medical Comments: While taking a bolt out of a panel (reaching overhead), the employee was stung by a bee on right, ring finger. He reported to medical on 7/23/12 with swelling and infection. Prescription medication given.

ES&H Comments: Medical Treatment.

Vehicle Accidents:

None

ORPS/Incidents/Notices of Violations:

The fall that resulted in a double wrist fracture was categorized as an ORPS.

Group 2: Personnel Safety and Health

Subgroup A: Occupational Injuries

Significance Category 3

Item (5) b) A serious occupational injury that results in a fracture of any bone (except bone chips, simple fractures of fingers, toes, or nose, or minor chipped tooth).

**Fermilab Leading & Lagging Indicators
(Employees only)**

From 10/1/11 to Present

ORG	% Req'd ES&H Courses	% Current ITNAs	TRC Cases	TRC Rate	DART Cases	DART Rate
AD	99.2%	98.9%	8	2.43	3	0.91
APC	98.6%	100.0%	0	0.00	0	0.00
BS	98.9%	100.0%	1	1.03	0	0.00
CCD	98.2%	100.0%	1	0.62	0	0.00
CD	96.6%	97.8%	0	0.00	0	0.00
CMS	98.1%	100.0%	0	0.00	0	0.00
DI	95.9%	90.0%	1	3.08	0	0.00
ES	95.7%	95.1%	1	3.33	1	3.33
FCPA	99.3%	100.0%	0	0.00	0	0.00
FE	98.6%	100.0%	6	7.10	2	2.37
FI	100.0%	93.9%	0	0.00	0	0.00
LBNE	100.0%	87.5%	0	0.00	0	0.00
PD	97.8%	98.6%	3	1.02	2	0.68
SCD	99.1%	93.2%	1	0.93	1	0.93
TD	98.2%	97.9%	4	3.49	3	2.62
WR	99.0%	94.4%	3	5.10	0	0.00
Fermilab	98.5%	97.8%	29	2.03	12	0.84

ES&H Training and ITNA Completion

>95%	
90-95%	
<90%	

$$\text{Rate} = (200,000) \times \left(\frac{\text{Number of Cases}}{\text{Hours worked}} \right)$$

(Employees only)

