

"Prevention is our Intention"

Issued November 2005

Safety Partnership Group

Inside this Issue:

New Hazard ID Card

Ministry of Labour Stats

Ladder Safety in Sarnia

INCIDENT LEARNING  
Electrical Incident/ Flash Burn

3<sup>rd</sup> TRIR Results

Freedom 55?

November is...

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# Safety Partnership



Zero incidents by choice through Partnerships for Safety...

## Safety Partnership

Hazardous Condition Reporting

New Colour - New Design

A Safety Partnership Working Committee is another step closer to rolling out a new Hazardous Condition Reporting Card to the Valley.

This card will be piloted in November and December by local contractors. User feedback will help fine tune the final look of the card.

Implementation and training will be done in Basic Safety and Supervisory classes at the IEC starting in 2006.

Want to learn more about this card? Please contact Peter Stock at the IEC at [pstock@sarniasafety.com](mailto:pstock@sarniasafety.com)

1 Ladder, 2 Workers in Sarnia!  
Note that ladder is resting on a wooden box that is sitting on a plastic tote!



Box on tote!

## Ontario Ministry of Labour Construction Sector Fatality Report as of Sept 30<sup>th</sup> 2005

	MONTH	AGE	CAUSE	CIRCUMSTANCES
1	Jan 28	52	Struck by	Exiting man-hole, was struck by car
2	Mar 2	60	Run over	Run over by crane
3	Mar 10	64	Fell 30 feet	Iron worker fell from school roof
4	Mar 19	48	Fell 2.5 feet	Fell from ladder, died of head injuries
5	Mar 29	30	Fell 30 feet	Fell down elevator shaft
6	Apr 9	42	Fell	Received shock from live wire & fell
7	May 16	N/A	Fell 100 feet	Fell off an overhead crane
8	Jun 28	22	Electrocuted	Tent pole contacted live wire
9	Jul 15	16	Fell 18 feet	Attempted to catch water bottle and grabbed overhead wire
10	Aug 5	32	Fell 20 feet	Through hole covered by insulation
11	Aug 10	41	Fell 35 feet	Window cleaning on 7 story building
12	Aug 18	48	Crushed	Equipment rolled crushing worker
13	Aug 19	65	Thrown	Backhoe went over 600 foot cliff
14	Sept 9	40	Fell 18 feet	Roofer slipped off roof
15	Sep 12	61	Crushed	Standing on garbage bin on forklift
16	Sep 14	54	Struck by	Run over by tree removal equipment
17	Sep 16	48	Fell 18 feet	Fell off ladder and hit head on rocks

AVERAGE AGE OF WORKER WAS 41.2

53% DIED IN FALLS

**INCIDENT REPORTING**

Electrical Incident - Flash Burn

**SHARE  
LEARNINGS**

On Sunday morning, August 14<sup>th</sup>, the secondary air fan stopped at a local facility. The on-site electrician was contacted and investigated the problem. It was determined the 600 volt cable to the fan had shorted out and would need to be replaced. The plant electrical group discussed the plan for repairs and they contacted a local contractor. It was decided that the repairs would begin on Sunday as the parts were available.

Two workers reported to the site to complete the job. One of the workers, while completing the ground wire tie in, dropped the wrench he was holding. The wrench came in contact with the live bus bar causing an electrical flash. The job was put on hold, the injured employee was administered first aid and transported to the hospital.

**Investigation Facts and Findings:**

1. The bus bar was live but the electrical contractors did not check to confirm.
2. There were no posted signs indicating the bus bar was near the area where they were working.
3. The electrical worker did not have the proper PPE for the job (high voltage gloves, rubber matting).
4. The wrench was larger than required. (Incorrect tool for the job.)
5. The worker received flash burns and was not electrocuted.

**Immediate Cause:** The oversized wrench fell & contacted the live bus

**Hidden Cause(s) and Contributing Factor(s):**

1. The employee was not aware of the location of the live bus bar.
2. Warnings of the live bus bar were not posted.
3. The employee did not have the proper tools or safety equipment.

**Corrective Action Items**

1. Create an accurate Job Safety Briefing (JSB) for High Voltage Electrical Work Onsite.
2. Post warning signs on all panels.
3. Shift Supervisors to discuss the importance of having the right tool for the job with all contractors. To be reviewed during J.S.B.
4. Ensure the buddy system is adopted for working on high voltage electrical jobs. Reviewed during Job Safety Briefing and review new Electrical Job Safety Briefing.

Thanks to a local facility for sharing this incident with the IEC. Learning is the sole purpose of sharing this Incident Report.

**November is:****National Lung Cancer Awareness Month****FACTS**

- Within 5 years of quitting, the risk of lung cancer drops to approximately half that of a smoker.
- Within 10-15 years of quitting, the risk drops to almost the same as those who have never smoked.
- The younger a person is when they quit the greater the health benefits, especially if they quit before age 50.

**Website:**

[http://www.cancer.ca/ccs/inter/net/frontdoor/0,,3172\\_langld-en,00.html](http://www.cancer.ca/ccs/inter/net/frontdoor/0,,3172_langld-en,00.html)

**Diabetes Month**

[http://www.diabetes.ca/Section/About/about\\_basics.asp](http://www.diabetes.ca/Section/About/about_basics.asp)

**National Home Fire Safety Week**

(November 24 to 30) Fire

Safety Tips for the Holidays:

[http://www.safetycouncil.org/info/home/xmas\\_fire.htm](http://www.safetycouncil.org/info/home/xmas_fire.htm)

**Believe it or Not?**

**Early retirement** is supposed to give you extra golden years. A recent study suggests people who **retire** at **55** are 89% more likely to **die** in the 10 years after retirement than those who retire at 65.\*

However, another study showed that older adults who volunteer to help others can reduce their risk of dying prematurely by 60 percent.

\*Study based on a study of 3500 refinery workers in Texas

**Local Total Recordable Injury Rate Statistics**

2005 Q1 = 1.0      2005 Q3 = 1.7 (2 million+ hours in Q3)  
2005 Q2 = 1.1      2005 Year to Date = 1.4