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In the News

- A company was fined \$175,000 after a worker was killed due to a crane being overloaded.
- A company was fined \$60,000 and 2 supervisors fined \$5000 each, when a worker fell from a platform that was not properly guarded and the workers were not properly trained or supervised for working at heights.
- Company fined \$5000 for refusing to cooperate or speak to the MOL Inspector

All fines included a 25% victim surcharge on the total. The surcharge is credited to a special provincial government fund to assist victims of crime.

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Health and Safety Newsletter

FORKLIFT HAZARDS FOCUS OF INCREASED ENFORCEMENT AT INDUSTRIAL WORKPLACES

Ministry of Labour inspectors will look for hazards involving forklifts and other lifting devices during an enforcement blitz of industrial workplaces.

Forklifts and other lifting devices, used to raise or lower material and objects, continue to be a significant cause of serious worker injury and deaths. These devices are commonly found in many industrial sectors in Ontario.

Thirteen workers died between 2003 and 2007 as a result of industrial incidents involving lift trucks, reach trucks, forklifts and tow motors, according to ministry statistics. During this period, Workplace Safety and Insurance Board statistics showed the average forklift lost-time claim resulted in 67 days lost from work.

In total, there were 10,308 forklift-related incidents where there was a lost time injury between 1996 and 2008, an average of 793 incidents a year, according to the data compiled by the Occupational Health and Safety Council of Ontario.

These incidents were due to a number of factors, including:

- lack of preventative maintenance and load capacity examinations;
- lifting devices striking objects during operation such as racking systems; and
- workers being struck by forklift trucks, other lifting equipment and improperly-secured loads.

Inspectors will take a “zero tolerance” approach to any contraventions found under the [Occupational Health and Safety Act](#) and its regulations.

Blitz Focus

Ontario Ministry of Labour inspectors will pay particular attention to industrial sectors where incidents most often occurred. These include:

- Retailers
- Wholesalers
- Transportation
- Automotive
- Wood and Metal Fabrication
- Food, Beverage and Tobacco

Preventing Pains and Stains

Musculoskeletal disorders (MSDs) is a very long name for a group of common, painful injuries and ailments that can affect the muscles, nerves and tendons mostly in the back, legs, shoulders, neck, wrists, hands and joints. Work-

related musculoskeletal injuries cause pain and suffering for thousands of workers every year and are the largest source of lost-time worker compensation costs in Canada. These injuries can be caused by work involving repeti-

tive motion, forceful movements, and fixed or awkward body postures that are held for long periods of time. MSDs can progress into crippling disorders that can prevent workers from working or leading normal lives.

MOL SNAPSHOT: PRIMARY METALS SECTOR

Description of Workplaces:

- Foundries; steel mills; other metal smelting, refining, casting, extruding, rolling

- Molten metal
- Occupational Exposure Limits (OELs) – carbon monoxide, nickel, cadmium etc.
- Vehicular traffic

It is recommended that Inspectors pay particular attention to the following items:

- [Joint Health and Safety Committee \(JHSC\)](#)/Health and Safety and the Internal Responsibility System (IRS)
- Falls from any heights including surfaces for slips and trips
- Musculoskeletal disorders (MSD) and repetitive motion / Lifting techniques and manual lifting
- Machine Guarding and Lockout
- Equipment Maintenance
- Material handling and pedestrian safety

Major Hazards

- Machine entanglement
- Lifting devices and forklifts
- Mechanized material handling
- Noise, heat, chemicals
- Slips and falls
- Ergonomics

Key Issues

- Young Workers
 - Coke Oven Emissions enforcement
- Contractor and temporary worker safety**
- Enforcement Direction**

History of Loss Time Injuries for Primary Metals Sector

Sectors	2006
LTIs/100	1.7
LTIs	751.0
Primary Steel Operations	246.0
Aluminum Rolling, Cast & Extruded	182.0
Non-ferrous Rolled, Cast & Extruded	88.0
Iron Foundry Operations	82.0
Steel Foundries	36.0

Reduce Workplace Stress Through Job Design

According to the Heart and Stroke foundation stress can harm your health and increase your risk of heart attack and stroke. One item that can lead to stress in the workplace is poor job design. Job design is the way a set of tasks are organized taking into account all factors which affect work. It specifically refers to the administrative changes which can enhance working conditions inclusive of what tasks are being done and in what order they are completed.

A good job design includes the following features:

- Consideration of the employees' mental and physical characteristics as muscular energy with respect to work break schedules.
- Employee input and variation based on personal needs and work habits.
- Training for employees on what the tasks are and how to do them properly.
- Adjustment periods for physically demanding jobs.

- Feedback for the employees about their performance.
 - Balance of static and dynamic work.
- Good job design can result in a sense of accomplishment for employees. The process of job design is ongoing and will be altered as the workplace changes. In order to conduct a job design one should consider assessing the current practices, analyzing tasks, designing the job and slowly implementing the new job design. Remember to re-evaluate the job design on a regular basis.



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	<p align="center">Overhead Crane Operator Training – Half Day</p> <p>Stoney Creek: March 10th, April 14th, May 12th</p> <p>Cost: \$120 + gst per person # 8000</p>
<p align="center">Forklift Certification – Full Day</p> <p>Stoney Creek: March 11th, April 15th, May 13th</p> <p>*Practical evaluations are required as per CSA standard</p> <p>Cost: Theory - \$120 + gst per person</p> <p>Practical Evaluation - \$100/hour # 8001</p>	<p align="center">Forklift Re-Certification – Half Day</p> <p>Stoney Creek: March 12th, April 16th, May 14th</p> <p>*Practical evaluations are required as per CSA standard</p> <p>Cost: \$75 + gst per person</p> <p>Practical Evaluation - \$100/hour # 8002</p>
<p align="center">WHMIS – Half Day</p> <p>Stoney Creek: March 18th, April 22nd, May 19th</p> <p>Cost: \$99 + gst per person # 8003</p>	<p align="center">Lockout/Tagout – Half Day</p> <p>Stoney Creek: March 20th, April 24th, May 22nd</p> <p>Cost: \$120 + gst per person # 8004</p>
<p align="center">Confined Space Awareness – Half Day</p> <p>Stoney Creek: March 23rd, April 24th, May 22nd</p> <p>Cost: \$120 + gst per person # 8005</p>	<p align="center">Due Diligence for Managers – Half Day</p> <p>Stoney Creek: March 23rd, April 23rd, May 19th</p> <p>Cost: \$120 + gst per person # 8006</p>
<p align="center">JHSC Certification Part I – Two Day</p> <p>Stoney Creek: March 2nd/3rd, April 6th/7th, May 4th/5th</p> <p>St Catharines: March 9th/10th, April 13th/14th, May 11th/12th</p> <p>Mississauga: March 11th/12th, April 15th/16th, May 13th/14th</p> <p>Cost: \$395 + gst per person # 8007</p>	<p align="center">JHSC Certification Part II – Two Day</p> <p>Stoney Creek: March 24th/25th, April 28th/29th, May 26th/27th</p> <p>St Catharines: March 30th/31st, April 27th/28th, May 25th/26th</p> <p>Mississauga: March 26th/27th, April 30th/May 1st, May 28th/29th</p> <p>Cost: Dependant on number of modules required. # 8008</p>
<p align="center">First Aid/CPR – Two Day</p> <p>Stoney Creek: March 16th/17th, April 20th/21st, May 20th/21st</p> <p>Cost: \$135 + gst per person # 8009</p>	<p align="center">First Aid/CPR Re-Certification – Full Day</p> <p>Stoney Creek: March 9th, April 13th, May 11th</p> <p>Cost: \$85 + gst per person # 8010</p>
<p align="center">Fall Arrest – Half Day</p> <p>Stoney Creek: March 13th, April 17th, May 15th</p> <p>Cost: \$120 + gst per person # 8011</p>	<p align="center">Train the Trainer – Full Day</p> <p>Stoney Creek: March 4th, April 1st, May 6th</p> <p>St Catharines: March 4th, April 1st, May 6th</p> <p>Mississauga: March 17th, April 21st, May 20th</p> <p>Cost: \$275 + gst per person # 8012</p>
<p align="center">Forklift Train the Trainer – Full Day</p> <p>Stoney Creek: March 5th, April 2nd, May 7th</p> <p>St. Catharines: March 5th, April 2nd, May 7th</p> <p>Mississauga: March 18th, April 22nd, May 21st</p> <p>Cost: \$900 + gst per person # 8013</p>	<p align="center">WHMIS Train the Trainer – Full Day</p> <p>Stoney Creek: March 6th, April 3rd, May 8th</p> <p>St Catharines: March 6th, April 3rd, May 8th</p> <p>Mississauga: March 19th, April 23rd, May 22nd</p> <p>Cost: \$900 + gst per person #8014</p>
<p align="center">Transportation of Dangerous Goods – Half Day</p> <p>Stoney Creek: March 13th</p> <p>Cost: \$120 + gst per person # 8015</p>	<p align="center">Call to book any session at your facility and at a time and date that is convenient for you.</p>