

Section 1**Reporting Month Statistics – Quick Overview**

Reporting Month	Month Fatalities	Month Critical Injuries	Month Total
APR 16, <u>2017</u> – MAY 15, <u>2017</u>	0	17	17

Reporting Month	Month Fatalities	Month Critical Injuries	Month Total
APR 16, 2018 – MAY 15, 2018	0	29	29

Provincial Coordinator’s Comments

Working at heights - fall protection training blitz

Now that “Phase 1” of the blitz (consisting mostly of “support and prevention education”) is over, “Phase 2” is on for the month of June. Inspectors will be focusing on fall protection training which has two components: training on the fall protection system to be used; and working at heights (WAH) training. This applies to workers who may be exposed to a fall hazard on a project and who are using a personal fall protection system.

➤ Training on the fall protection system

The requirements for fall protection training, along with oral and written instructions, are outlined in section 26.2 of O. Reg. 213/91, which states:

26.2 (1) *An employer shall ensure that a worker who may use a fall protection system is adequately trained in its use and given adequate oral and written instructions by a competent person. O. Reg. 145/00, s. 13.*

(1.1) *In addition to the requirements of subsection (1), an employer shall ensure that a worker who may use a fall protection system meets the working at heights training requirements of Ontario Regulation 297/13 (Occupational Health and Safety Awareness and Training). O. Reg. 252/14, s. 1.*

(2) *The employer shall ensure that the person who provides the training and instruction referred to in subsection (1) prepares a written training and instruction record for each worker and signs the record. O. Reg. 145/00, s. 13.*

(3) *The training and instruction record shall include the worker’s name and the dates on which training and instruction took place. O. Reg. 145/00, s. 13.*

(4) *The employer shall make the training and instruction record for each worker available to an inspector on request. O. Reg. 145/00, s. 13.*

Some in the industry have been referring to the above training outlined under subsection 26.2(1) as ‘site-specific’, ‘job specific’ or ‘system specific’; others have assumed all that was required by workers was WAH training (as per subsection 26.2(1.1)). Others have adopted the practice of conducting a pre job safety talk and maintained attendance records; considering the “job safety talk” as “adequate training” under subsection 26.2(1) while ensuring their workers had a valid WAH training.

The question then arises whether the worker received adequate training for the system they are currently using as per 26.2(1) of the O. Reg. 213/91.

Although it is an employer's duty to determine what is adequate for each situation, the oral and written instructions by a competent person should include at least the following elements:

- How to inspect the components for defects,
- How to set up the fall protection system correctly, hence identifying the fall protection system on which the worker has been trained,
- How to use the fall protection system including all components in accordance with manufacturers' operating manuals,
- How to identify and respect its limitations, e.g. if it is a travel restraint for instance, where it may be used and where it may not be used,
- How to determine the minimum clearance required in case it is a fall arrest, e.g. not to bottom out or hit objects below, and
- How to participate in a rescue in case a fall arrest system is deployed and how to summons assistance in case the worker's system is deployed. (26.1(4) of O. Reg. 213/91)

The fall protection system record of training must include:

- The signature of the competent person who delivered it,
- The worker's name, and
- The date(s) at which the training and instruction took place. (26.2(2) and 26.2(3) of the O. Reg. 213/91).

Note – this is not the same as the proof of training for WAH.

In addition to the elements that need to be included in the written record of training and written instructions, the inspector, in determining the adequacy of the training during an inspection may:

- Visually inspect the equipment in use, how it is being donned by the worker,
 - Ask the worker questions about the limitation(s) of the equipment used, the manufacturers' instructions of its components and their compatibility,
 - Verify labels and compliance with the applicable CSA standards, and
 - Assess whether the worker using the fall protection system in place is adhering to the written instructions and training.
- The Working at Heights training requirements of O. Reg. 297/13 (O. Reg. 26.2(1.1)) in order to be valid, must have been successfully completed within the last three years, and thereafter updated through an approved refresher training as outlined in the standard for this training.

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Section 2



- 2018-19 Blitz Schedule : Each year we schedule inspection blitzes and initiatives in specific sectors to protect workers' rights under both the Occupational Health and Safety Act and the Employment Standards Act, and enhance employers' awareness of their responsibilities.



- Health and Safety Enforcement Annual Report : April 2016 to March 2017 overview



- Prevention Annual Report : April 2016 to March 2017 overview



- Health and Safety Representative Training: A Health and Safety Representative (HSR) is required in workplaces with 6-19 workers. This information is intended to assist HSRs, and employers who are required to have an HSR, in understanding the role of HSRs. It also includes information about voluntary HSR training, which is available online.

Section 3

Court Bulletin 1

Concrete Pumper Injures Worker, Manotick Company Fined \$70,000

March 29, 2018 4:30 P.M.

Ministry of Labour

Convicted: Manotick Concrete Inc., 1249 River Road, Manotick, Ontario, provides concrete forming and foundation supplies to both commercial and residential customers.

Location: The worksite was a home in Greely, Ontario, where a concrete foundation was being poured by the company.

Description of Offence: A worker suffered critical injuries while working as part of a crew pouring concrete into formwork during the construction of the walls of a single family home.

Date of Offence: August 10, 2016.

Date of Conviction: March 29, 2018.

Penalty Imposed:

- Following a guilty plea, the company was fined \$70,000 in Ottawa court by Justice of the Peace Herb Kreling; Crown Counsel Katherine Ballweg.
- The court also imposed a 25-per-cent victim fine surcharge as required by the *Provincial Offences Act*. The surcharge is credited to a special provincial government fund to assist victims of crime.

Background:

- A worker was operating the hose of a concrete pumper truck pouring concrete into the wall forms while standing on an upper level of scaffolding.
- The pumper truck was set up with all four outriggers fully extended and with steel plates under the base of the outriggers. The ground under the pump truck was partially covered in dark brown mulch and consisted of previously excavated soil.
- While pouring the concrete required for foundation, one of the pumper truck's outrigger hydraulic legs sunk about three feet into the ground, tipping the truck and moving the boom arm of the truck suddenly into a wall, injuring the worker who was operating the hose. The worker suffered critical injuries.
- The Ministry of Labour inspector and engineer called to the scene determined that the primary factor that caused the pumper truck to overturn was that it had been improperly set up: specifically the support area under the outrigger was too small. The support area is the footprint of the solid material placed under the outrigger to distribute the load over a greater surface area to avoid the outrigger sinking into the ground. The pumper truck was not set up according to the specifications in its operator's manual.

- As such, the defendant, Manotick Concrete Inc., failed to ensure that the outrigger of a concrete pumper truck was sufficiently supported as required by its operating manual. This was contrary to the *Occupational Health and Safety Act* and a violation of section 93(3) of the *Construction Projects Regulation (Ontario Regulation 213/91)*: "All vehicles, machines, tools and equipment shall be used in accordance with any operating manuals issued by the manufacturers."

Court Bulletin 2

Worker Burned by Asphalt, Guelph Company Fined \$70,000

March 1, 2018 2:30 P.M.

Ministry of Labour

Convicted: 2228977 Ontario Inc., operating as R&N Maintenance also known as Rann Maintenance, 8066 Wellington Road 124, RR#1, Guelph, Ontario. The company is in the business of road maintenance.

Location: Intersection of Danforth Avenue and Logan Avenue, Toronto, Ontario.

Description of Offence: A worker received critical injuries after a kettle with molten asphalt sealant was spilled.

Date of Offence: September 26, 2016.

Date of Conviction: March 1, 2018.

Penalty Imposed:

- Following a guilty plea, Rann Maintenance was fined \$70,000 by Justice of the Peace Ruby Wong in Toronto court, 70 Centre Avenue; Crown Counsel Aaron Dewitt.
- The court also imposed a 25-per-cent victim fine surcharge as required by the *Provincial Offences Act*. The surcharge is credited to a special provincial government fund to assist victims of crime.

Background:

- The injured worker was a member of a crew performing road maintenance at the intersection of Danforth Avenue and Logan Avenue in Toronto.
- While travelling a short distance between sites, workers were instructed to ride in the back of a truck. The truck also contained a functioning kettle with molten asphalt sealant with a temperature of about 165 degrees Centigrade (about 329 degrees Fahrenheit).
- The truck stopped abruptly and the molten material in the kettle spilled onto one worker, causing serious injuries.
- The Ministry of Labour investigation determined the company failed as an employer to take every precaution reasonable in the circumstances for the protection of a worker.
- This was a violation of Section 25(2)(h) of the *Occupational Health and Safety Act*.
- The company failed to ensure that material or things were transported or stored so that the material or things are carried or moved in such a way and with such precautions and safeguards as will ensure that the transportation or storing of the material or things does not endanger the safety of a worker.

Section 4**Fatality & Critical Injury Year-to-Date Overview - Construction Sector**

	2018 January 1 – May 15	2017 January 1– May 15 Comparison with last year
Fatalities	8	7
Critical Injuries	80	75

**NOTE: These figures represent preliminary data, and are not to be considered official statistics from the Ministry of Labour. Official statistics will be issued quarterly by the Program Analysis, Evaluation and Outcomes Unit of the Occupational Health and Safety Branch of the Ministry of Labour.*

REPORTING MONTH: April 16 – May 15, 2018**Monthly Summary Report****April 16 – May 15, 2018 Fatalities (0)****April 16 – May 15, 2018 Critical Injuries (29)**

NOTE: Data are subject to change due to updates in the enforcement database. Only events reported to the ministry are included here. Except for fatalities, event categories in the ministry's data set are based on what was assigned at the time of the initial report to the ministry. The reported event category may not represent what actually occurred at the workplace.

By Sector	<ul style="list-style-type: none"> • HYDR – 2 • ROAD – 1 • WIND – 1 • INDU – 4 • RESS – 9 	<ul style="list-style-type: none"> • INST – 7 • MINP – 1 • POWP – 1 • RESM – 1 • COMM – 2
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Critical Injuries: (April 16 – May 15, 2018):

Total: 29

#	Date of Incident	Region	Sector	Occupation	Details (as reported to MOL)
1	04/16/2018	EAST	COMM	Worker	Worker lost consciousness when he stepped off a scaffold (6 foot high) and fell to ground below
2	04/17/2018	C. East	RESS	Worker	Fireplace installer had significant cut to leg with grinder
3	04/18/2018	NORTH	HYDR	Worker	While working on a transformer a worker fell off the transformer from 7.7 ft. suffered a broken left foot and ankle
4	04/18/2018	EAST	INST	Worker	Worker with broken heel on left foot
5	04/19/2018	C. East	INDU	Worker	Worker was installing duct work and tripped over drywall stud left on floor suffered fractured right fibula
6	04/20/2018 03/02/2018	C. East	INST	Worker	Worker slipped on the ice on the flat roof of the school while doing maintenance, and fell to the ground, breaking one of his legs.
7	04/20/2018	C. West	HYDR	Worker	Worker fell from elevation; sustained multiple injuries; currently in an induced coma
8	04/20/2018	WEST	ROAD	Worker	Worker was washing a truck in the yard and somehow he fell from somewhere injuring his hip
9	04/24/2018	WEST	INDU	Worker	Worker was working on a scaffold at 3 ft from ground. Fell off of the scaffold to the ground and landed on his right wrist, which was broken
10	04/27/2018	NORTH	MINP	Worker	Worker fell backwards while climbing up a fixed ladder. He was climbing to reach another level and fell landing on a metal cover, lost consciousness
11	04/27/2018	WEST	INST	Worker	Carpenter was installing re-shores on the ground floor for a concrete pour two storeys up. An aluminum post fell and struck the worker on back of his head.
12	04/27/2018	WEST	RESS	Worker	Worker was working on a roof. He fell off the roof injuring his right foot and ankle and lower back.
13	04/28/2018	C. East	INDU	Worker	Worker installing some tooling and they got their fingers caught between tool bore sheet. Another worker moved the tooling, causing the equipment to pinch his finger. Two fingers were fractured

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14	04/29/2018	C. West	COMM	Worker	Worker fell 16 feet from roof; sustained broken right ankle.
15	04/30/2018	EAST	RESS	Worker	Worker working from a ladder (not secured) slid sideways and fell 12-15 feet and landed on concrete hitting back and head
16	05/01/2018	WEST	WIND	Worker	Worker was cleaning windows at a two storey residential house. Extension Ladder was setup 24 ft high. Ladder sunk so far down causing worker to fall more than 20 ft resulting in a fracture to right arm
17	05/01/2018	WEST	INST	Worker	Worker, installing HVAC system was standing on top of a countertop which was covered with protective construction paper. He moved over the edge onto the paper overhang which made the worker to fall off onto his left arm/elbow causing a fracture.
18	05/01/2018	WEST	RESS	Worker	Worker installing gutter protection had a heart attack and was transported to hospital
19	05/04/2018	WEST	RESS	Worker	Workers were installing metal roof, one worker fell off roof, 30 to 40 feet (harness was worn but worker was not tied off), which resulted in a loss of all feeling in his legs
20	05/05/2018	WEST	RESS	Worker	Call in regard to an employee falling 20'. The extent of their injuries are unknown (lots of pain and can't move)
21	05/06/2018	C. West	RESS	Worker	The worker stepped on a tarp, slipped and fell from the second storey roof on to concrete. Worker was not wearing any fall protection
22	05/07/2018	WEST	RESS	Worker	Worker on roof removed rope and tripped over air hose. Possibly wrist is broken and hit head. Loss of consciousness for about 10 min.
23	05/07/2018	NORTH	RESS	Worker	The delivery driver may have tripped on something that caused him to fall. Worker suffered a fracture to the leg
24	05/08/2018	C. East	INST	Worker	Worker on metal stairs that had yet to be attached to the building under construction fell 5-6 feet when the stairs came apart, resulting in a broken right leg
25	05/09/2018	C. West	RESM	Worker	Worker fell from ladder; sustained fracture to left leg

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26	05/09/2018	EAST	POWP	Worker	Worker was tying a rebar, lost his balance. A thin piece of wire went inside his ear; worker fell unconscious.
27	05/10/2018	WEST	INST	Worker	Injured worker moving a cabinet with another worker may have slipped or the piece they were moving fell. I/W moved out of the way and piece struck leg. Possible right leg fracture.
28	05/12/2018	WEST	INDU	Worker	Worker suffered a headache and lost consciousness. He was just starting up the refrigeration system on the rooftop. Consequence of a brain aneurysm. Believed it was not a work-related accident.
29	05/14/2018	WEST	INST	Worker	Carpentry worker that was removing the wood around a concrete column with a pry bar. He stumbled backwards, fell and fractured his right ankle.

Section 5**Total Year-to-Date Fatalities (January 1 – May 15, 2017): 7****Total Year-to-Date Fatalities (January 1 – May 15, 2018): 8***All new entries (current month and reconciled data) appear in **bold**.

NOTE: Some detail will inevitably be missing from the PLMHSC Report. The document is intended to provide an initial overview, not a comprehensive report. Annual data reporting approved by the Director should be used by stakeholders if they wish to see all data available to the Ministry related to an event.

#	Date of Incident	Region	Sector	Sub-sector, i.e. Trade worker was working in	Details (as reported to MOL)
1	Jan. 11, 2018	Central East	INDU	Erection of a steel work platform around equipment.	Worker fell from a platform and sustained critical injuries. Workers were installing a platform around a piece of equipment
2	Jan. 19, 2018	Central West	RESS	Equipment Installation	Worker fell from scaffold on new home site; sustained critical injuries, then succumbed to injuries.
3	Jan. 23, 2018	Central West	RESM	Masonry	Worker fell four storeys through an opening at the project while working on the exterior of a building resulting in fatal injuries
4	February 27, 2018	Central East	COMM	Electrical work	While installing a light fixture, worker received an electric shock and fell 13 feet to the ground resulting in fatal injuries.
5	March 13, 2018	West	RESS	Equipment removal/transportation	Workers' 3 quarter ton pickup truck w/ ramp trailer parked on the side of the road. - worker standing on trailer prepping sky jack scissor to be loaded on it. Oncoming vehicle hit the base of the ramp becoming airborne striking the worker.
6	March 15, 2018	Central West	RESS	Equipment set up/ General Labour	Worker fell 9' resulting in fatal injuries. Worker was constructing the work platform which failed while he was on it.
7	March 27, 2018	Central West	COMM	Roofing work	Worker on construction site at west end of airport was up on a roof and fell approx. 25ft.
8	April 2, 2018	West	RESS	Excavation	A trench collapsed resulting in a worker's fatality.