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# Canadian Rental Association **ONTARIO** MemberUpdate

FEBRUARY 2015 • [www.CRAontario.org](http://www.CRAontario.org)

## WARM WINTER GREETINGS!

As I sit here typing this, looking out the window for inspiration, I find that as each year goes by, I understand more and more why some people retire to the sunny South in the winter! You either love winter or hate it. Me, I'd be happy with a few big snow days here and there, but give me sunshine and hot weather over snow, any day! It's also hard to smile when we're freezing our backsides off, and my colleagues in Vancouver are showing me pictures of their gardens with crocuses popping out of the ground.



**Paul Potvin**  
President  
CRA Ontario

last message, be sure to make it to the Canadian Hospitality event on Sunday, February 22, for a fun mix and mingle with your fellow CRA members.

Five days after the spring equinox on March 25th (can you tell I'm on a weather rant this issue?) please join us in Guelph for the CRA Ontario Conference and Product Expo at the Holliday Inn and Convention Centre. There will be vendors, seminars and our annual awards banquet.

Thanks to all who came out to the January 21st meeting at Vermeer in Brampton. Unfortunately, I was under the weather, and unable to make it, but from what I hear, it was a great meeting. Special thanks to Monica Dubbin and her staff for hosting. The next big event on the calendar (only two weeks away!) is the Rental Show in New Orleans. If you're lucky to have the time and resources to head down to the Big Easy for some Southern hospitality, it promises to be a fun time. As I mentioned in my

Finally, we have board elections coming up at our final meeting on April 15th. If you haven't already done so, please consider putting your name forward for a spot on the board. I can personally attest to the fact that it's a rewarding and valuable experience.

Stay warm and stay safe! Wiarton Willie says it'll be an early spring. Let's hope that little albino rodent is right!

**Next CRA Ontario event will be our Conference and Product Expo  
March 25 in Guelph**

## UPCOMING EVENTS!

- Feb 23-25 **ARA - The Rental Show in New Orleans, LA**  
**Keynote Speaker: Peyton Manning**
- March 25 **CRA Ontario Conference & Product Expo**  
**Guest Speaker: ARA CEO Christine Wehrman**
- April 15 **Member's Meeting at Rentquip Canada, Woodstock ON**  
**There's rumour a Pig Roast is in the works!**

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# IMPACT OF PROPANE REGULATORY CHANGES TO LESSORS OF CONSTRUCTION HEATING EQUIPMENT (PART 3 OF 3)

This is the third in a three-part series of articles and provides a summary of the propane regulatory changes that have been amended, added and deleted in the CAN/CSA B149.2 Propane Storage and Handling Code affecting the use and storage of propane cylinders and equipment at construction sites and industrial storage.

## Addition to Scope

The scope of the Code has been amended to include maintenance as a requirement for containers and equipment to be used for propane at customer locations, in distribution locations and filling plants.

The rationale for this change was that regardless of who owns the propane storage container, the propane distributor or customer, the container must be maintained. Safety requirements for systems and components should not be different for various owners.

## Increase in Cylinder Size at Exchange Locations

The Code was amended to delete the 20 lb. maximum cylinder size that may be stored at a cylinder exchange. The rationale provided is that due to a demand from RV customers, 30 lb. cylinders are being offered at exchange locations. The safety concerns of 30 lb. cylinders are not different from those of 20 lb. cylinders. Maintaining the cabinet maximum capacity of 500 lb. (25 x 20 lb., or 16 x 30 lb., or combination thereof) maintains the same risk and requirements of a single full exchange cabinet.

## Cylinder Storage Cages

To reflect current acceptable practices and to provide clear minimum design criteria that allows innovation Clause 6.5.1.15 has been amended to read:

When cylinders are enclosed in a cabinet, cage, or other means not covered under clause 6.5.2.7 or 6.5.10, the confinement means shall:

- be supplied with a top cover.
- be made of noncombustible material and be structurally sound with no openings greater than 4 square inches (25.8 cm<sup>2</sup>);
- have at least 2 sides constructed to provide equal ventilation through openings at the top and bottom of the side providing, as a minimum, the equivalent total opening of 15% open area on each side panel;
- not restrict the dispersion of any fuel gas leak to ensure it is well ventilated;
- have its base on a firm level footing in an upright position; and,
- not be located against other objects, or have objects attached, that restrict ventilation.

## Storage of Cylinders & Source of Ignition

To clarify requirements for storing cylinders Clause 6.5.1.5 has been amended to require that any cylinder in storage shall not be exposed to an open flame, or other source of ignition, and shall be protected from tampering or damage by fencing or equivalent means.

## Cylinders Stored at Construction Sites

Clause 6.5.3.1.2 has been amended to clarify the storage requirements, the clause reads as follows:

A stored cylinder shall be located in an area that complies with the requirements of 6.5.3.2., and the storage area shall be outdoors.

- When the conditions of this clause are met, a storage area utilizing a structure with overhead protection, walls, or both, meets the intent of outdoor storage.
  - The structure is designed to be enclosed by no more than two solid walls on the level the cylinder(s) are stored,
  - The cylinders are located within 25 ft. (7.6 m) of an open area of the perimeter opening,
  - When a wall of the structure is a part a building, that building must be under construction, repair, improvement, and there must be no inhabited dwelling units or inhabited sections of that building,
  - There are no openings through which gas may travel to a lower elevation, such as an open stairway on the floor on which the cylinders are located, and,
  - There are no wall openings through which gasses could travel into another structure or building.
- Cylinders may be stored in a cabinet that meets clause 6.5.2.4, in the storage area.
- A storage area may be on a roof of a structure or building provided the conditions of clause 6.5.3.9 are met.

These amendments clarify acceptable "outdoor" storage by identifying proper and safe storage options that reflect conditions on construction sites, and is based on the hazards (gas accumulation, vehicular traffic, hoisting, etc.), rather than focusing on the location alone.

Presently, rules from various parts of the Standard that were not intended to address construction activities are being referenced to regulate construction activities. Even with changes to the 2010 version, it is a struggle to understand which sections of the B149.2 are likely to be applied on construction sites by an inspector. The result is confusion for workers and trainers on what constitutes compliance, inconsistency in enforcement, and disagreement on the job site over safety.





Clause 6.5.3.2 has also been amended to clarify storage of propane cylinders at construction sites and reads as follows:

Cylinders in storage shall;

- a) be stored in an area that:
  - i. provides protection from tampering;
  - ii. is free from vehicular or mobile equipment travel, or protected by barriers or the equivalent;
  - iii. has "NO SMOKING" signs are prominently displayed. These signs shall be in accordance with Clause 7.12.3; and
  - iv. meets the requirements of table 6.3.
- b) be placed such that the relief valve on any cylinder is not less than 3 ft. (1 m) horizontally from any building opening that is below the level of the relief valve discharge;
- c) be placed such that the relief valve discharge is not less than 10 ft. (3 m) on the horizontal plane from the air intake of any appliance or air-moving equipment;
- d) be stored in an area that meets clause 6.5.1 and 6.5.3.9.

The rationale behind these amendments is that Construction sites occur under wide ranging circumstances. Storage requirements that are intended for industrial settings are too limiting and expose cylinders to hazards associated with construction activities. Cylinder storage on construction sites requires reasonable objectives which also address the worksite hazards.

### Movement of Propane Cylinders

Clause 6.5.3.8 has been amended to address the movement of propane cylinders around the construction site and reads as follows:

Moving a propane cylinder from one level to another level or the roof of a building may be done using:

- a) a freight, service elevator, or construction hoist, or,
- b) if by public passenger elevator or escalator, only the person(s) involved with the cylinder shall be in the elevator or on the escalator.

When moving a propane cylinder to or from the roof or one level to another of a building, each cylinder valve outlet shall be closed, plugged and the valve protective cap or collar in place

### Storage of Propane Cylinders on Roofs

New clause 6.5.1.14 permits propane cylinders to be stored on roofs. Cylinders



to be stored on roofs must meet certain conditions. The clause directs the reader to a specific clause 6.5.3.9 that details the conditions under which a cylinder may be stored on the roof of a structure under construction. The Clause reads, a cylinder that contains propane liquid or vapour shall not be stored on the roof of a building unless it is stored in accordance with clause 6.5.3.9. or connected for use in accordance with clause 6.8.

New clause 6.5.3.9 - Cylinders on building rooftops states the following:

Cylinders on building rooftops shall comply with the following:

- a) A propane cylinder shall not be on the roof of a building unless the cylinder is to be connected for work undertaken on the roof during the current or the immediate following work shift.
- b) Cylinders not in use shall be stored in accordance with provisions of clause 6.5.3.2 and the following shall additionally be met,
  - I. the cylinder(s) weight shall not exceed the net load capacity of the roofing structure as specified by building owner/management,;
  - II. the storage area shall be at least 10 ft. (3m) from the building edge or a change in elevation of more than 3 feet (1m),
  - III. cylinders shall be secured to maintain the cylinder in its proper storage position during inclement weather,
  - IV. all cylinders shall be removed upon completion of the work.
- c) Cylinders properly connected in an approved manner to the appliance it serves shall be adequately secured from inclement weather.
- d) No more than 1000 lb. (450 kg) of propane in total capacity shall be on the roof stored

These amendments provide the following benefits.

- Retains the original intent of the 2000 change regarding cylinder storage on roof tops for permanent appliance installations – limiting roof top cylinder storage on permanent installations.
- Provides clear guidance around cylinder use and storage on roof tops for roofers.
- Provides for storage of cylinders on the roof to reduce number of times cylinders are hoisted, lowered, and manhandled, and the hazards associated with moving cylinders, and to address storage security.
- Limits roof top storage to a practical number of cylinders.
- Adds additional protection for firefighters with a new requirement to post signs at occupied buildings.

### About the Author

David Stainrod provides technical fuel and investigative consultation to the public and governments in both Canada and the United States. He is an active member of numerous provincial regulatory committees as well as CSA Codes and Strategic Steering committees. David is President of the Fuels Learning Centre ([www.fuelslc.com](http://www.fuelslc.com)).



**For Members Meeting Report, see page 6**

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It all starts Feb. 16 — the day the online survey will be available. The printed version will be available at the ARA Store during **The Rental Show** Feb. 22-25 in New Orleans and also will be mailed to ARA members in late February.

Don't miss out on this opportunity. This is information you can't get anywhere else — information that can really make a difference to your business.

*For more information, contact ARA Member Services at 800-334-2177.*



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# 2015 CONFERENCE AND PRODUCT EXPO

## WEDNESDAY MARCH 25, 2015

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Blocks of rooms have been reserved for the evenings of March 24 and 25. To reserve your room and to take advantage of the CRA Ontario Special Room Rate of \$120.00 per night, you must contact the hotel directly at 519.836.0231.

### AGENDA

*Morning Session – Industry Workshops (8:00am to 12:00pm)*

#### EQUIPMENT RENTAL

##### ***Regulatory Round Table***

(Representatives from TSSA, MTO, MOL, etc.)

##### ***Scissor Lift Operation & Delivery Procedure***

(Representatives from SkyJack and Vermeer)

##### ***Stolen / Non-Returned Equipment***

(Representatives from Police Services and NER)

#### PARTY RENTAL

##### ***Regulatory Round Table***

(Representatives from TSSA, ESA, MOL, etc.)

##### ***Heating/AC/Power Sizing for Events***

(Representatives from LM Temperature Control)

##### ***Certified Event Rental Professional Accreditation***

(Attendees will write the test during this session)

*Suppliers to industry are invited to exhibit in the first ever CRA Ontario Product Expo. Lunch will be served during the Product Expo. This will also be a great opportunity for networking!*

*Afternoon Session – Product Expo and Luncheon (12:00pm to 4:30pm)*

### CRA ONTARIO BANQUET

#### ***Cocktail Reception***

#### ***Banquet***

#### ***Speeches***

#### ***Industry Recognition and Awards***

#### ***Special Guest Speaker - Christine Wehrman***

#### ***Loonie Auction***



Watch your email or go to [www.crarental.org](http://www.crarental.org) for Registration, Sponsorship and Exhibitor Forms. Direct all inquiries to Gord Ellis, CRA ON Associate Director at 905.564.6888 or [gorde@hosepowercanada.com](mailto:gorde@hosepowercanada.com)



### CRA ONTARIO ELECTIONS

In April we will be holding elections for positions on our Ontario Board.

**We are looking for volunteers to run for the following:**

1st VP - 3 year term

2nd VP - 4 year term

Secretary - 2 year term

Associate Director - 2 year term

**Please contact:** Colin Wilson for further information 613-547-4400 or [colin@aworldofrentals.ca](mailto:colin@aworldofrentals.ca)

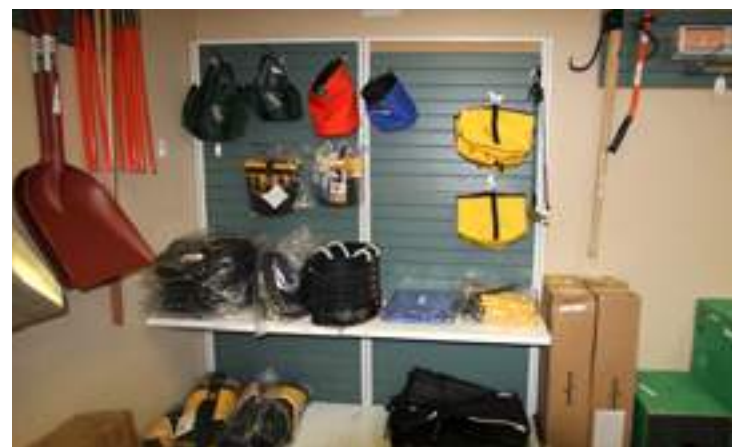


# MEMBER'S MEETING REPORT

The Ontario Canadian Rental Association had its first meeting of 2015 in Brampton, Ont., hosted by landscaping equipment manufacturer, Vermeer. About 50 attendees gathered in Vermeer's service facility to enjoy a beverage and some networking before heading to the nearby Hilton Garden Inn for a beef and chicken dinner and an educational presentation on Kaizen business practices from Craig Nolan, one of Vermeer's continuous improvement experts.

Nolan has been working with Vermeer's dealer network to implement Kaizen and lean processes, so his presentation was quite relevant to the challenges of a typical rental store. He used spaghetti diagrams to show how workers can waste hours simply moving around a poorly organized shop, and pages of scattered numbers to show how much time can be wasted looking for things in cluttered space. One interesting insight was that most companies feel they are doing well if they are increasing sales, staff and inventory - but in fact all they are doing is getting bigger and more complex without actually making any more profit as a percentage of investment. The objective of Kaizen is to extract more profit from the same level of investment by increasing the amount of time employees can spend on value-added activities. Nolan told attendees that Vermeer CEO Mary Andringa is so committed to Kaizen that she makes his training courses available for free to the entire dealer network.

Before dinner, CRA Ontario first vice-president Colin Wilson of A World of Rentals updated members on association activities. Members were given nomination sheets for the Ontario Image Awards, which they had to fill out before they could go get their food. Wilson also discussed plans for the Ontario Conference and Product Expo taking place March 25 in Guelph, Ont., featuring ARA CEO Chris Wehrman as keynote speaker.





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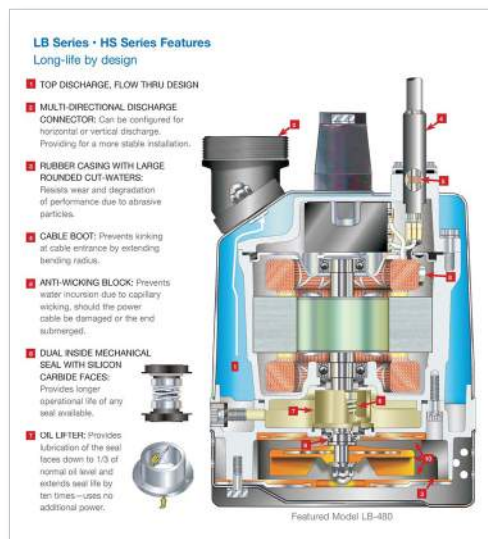
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# Tsurumi Canada

Tsurumi Canada has been serving the Rental Industry for approximately 13 years and has become a major pump and generator supplier to the industry. Tsurumi Canada prides itself on offering Right-Away service to its customers whether it is help finding Water Solutions or just simply supplying pumps.

Operations began with its main office in Boucherville, Quebec servicing Eastern Canada. With determination and gaining the confidence from the rental industry, Tsurumi became one of the dominant suppliers to the industry. In only a few years of operation, with the success and growth it had achieved Tsurumi Canada was given exclusivity to all of Canada by Tsurumi. Because of the Right-Away service approach Tsurumi Canada offered, it realized that expansion was required to be able to offer that same service to all customers. Today Tsurumi Canada has offices in Boucherville,



Moncton, Winnipeg, Saskatoon, Edmonton, Vancouver and warehousing in Brampton which all offer same day pick up or next day to two day delivery just about anywhere in the country.

With Tsurumi's high standards set on quality products and complete line of construction grade pumps and portable generators, customers can rely on the product to

withstand maximum use and abuse from rentals with minimal maintenance, making it a profitable product. Tsurumi's success in the Rental Industry was its single phase submersible pumps (with one of the largest selection in the industry) and its portable gas pumps (with one of the best package set up). Today Tsurumi Canada is also gaining confidence from the Rental/Construction market on its 3phase submersible pumps - being a heavy duty affordable product.

It also carries a line of sewage pumps "Vancs series" which are in high demand in the Water Feature Market also available to the Rental Industry.

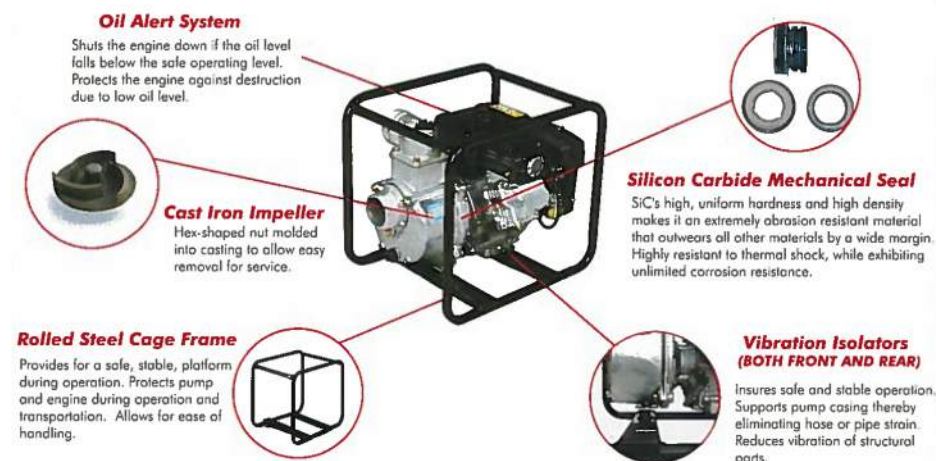
The most popular model of small portable submersible pumps is the LB480, with its distinct features and high reliability as been a very profitable product for our customers.

Tsurumi's centrifugal gas pumps have also been a reliable and profitable product to rental houses due to its features, such as the Silicone Carbide mechanical seal which is of an extremely abrasion resistant material that outwears all other materials making it possible to pump abrasive water. (insert picture of pump features)

Above all, Tsurumi Canada offers an excellent after sales support with training and assisting with resale.

## STANDARD TSURUMI FEATURES

(not offered by the low priced competition)



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