

Failure to fully complete this form may result in rejection.
Making a false statement may result in a fine or prosecution
under the *Technical Standards and Safety Act*

Licence Number 76649176

Check applicable type of propane operations.

Cylinder Motor Fill Filling Plant Card/Keylock

Submit along with this completed application a Facility Site Plan and a Map of the Surrounding Area.

SECTION A: GENERAL INFORMATION

The Undersigned applies to TSSA for a review for an RSMP under Ontario's *Technical Standards and Safety Act*, Propane Storage and Handling Regulation.

Company Name

A Costco Wholesale (Canada) Ltd.

Ontario Corporation No., if applicable

Operator Name (if different from above)

James Dalton (Agent/Warehouse Manager)

Telephone No.

1-800-463-3783

Fax No.

N/A

E-mail

service@costco.ca

B Street No.

415

Street Name / 911 Number / Address, if applicable

West Hunt Club Road

Town / City or Township / County

Ottawa

Province

Ontario

Postal Code

K2E 1C5

Mailing address if different from above.

C Street No.

Street Name / 911 Number / Address, if applicable

Town / City or Township / County

Province

Postal Code

Information on Container Refill Centre or Filling Plant

Location of facility.

D Street No.

485

Street Name / 911 Number / Address, if applicable

The Parkway

Nearest Major Intersection

The Parkway & Crawford Drive

Town / City or Township / County

Peterborough

Province

Ontario

Postal Code

K9J 0B3

Name of Licence Holder

James Dalton (Agent/Warehouse Manager) on behalf of Costco Wholesale (Canada) Ltd.

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT).

Robert Moyer

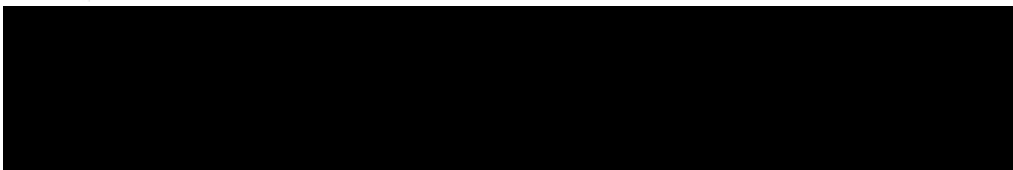
ROT type

100-08-77281

Municipality (or municipalities if the facility or its hazard distance touches multiple borders)

City of Peterborough

Hours of operation.



This document is valid until the next licence renewal date. You are required by law to notify TSSA of any change of information.



Technical Standards and Safety Authority
 www.tssa.org

14th Floor - Centre Tower
 3300 Bloor Street West
 Toronto Ontario M8X 2X4
 Fax: 416.231.4903
 Customer Service: 1.877.602.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

This Level 1 RSMP applies to:

- a facility with a total propane storage capacity of 5,000 USWG or less; or
- a facility with a fixed propane storage capacity of exactly 5,000 USWG and no more than 500 USWG of portable propane storage capacity on site.

<p style="text-align: center;">Failure to fully complete this form may result in rejection. Making a false statement may result in a fine or prosecution under the Technical Standards and Safety Act</p> <p>Licence Number <input type="text" value="76649176"/></p> <p>Check applicable type of propane operations</p> <p> <input checked="" type="checkbox"/> Cylinder <input type="checkbox"/> Motor Fill <input type="checkbox"/> Filling Plant <input type="checkbox"/> Card/Keylock </p> <p>Submit along with this completed application a Facility Site Plan and a Map of the Surrounding Area</p>	<p style="text-align: center;">For Office Use Only</p> <div style="border: 1px solid black; height: 60px; width: 100%;"></div>
--	---

SECTION A: GENERAL INFORMATION

The Undersigned applies to TSSA for a review for an RSMP under Ontario's *Technical Standards and Safety Act, Propane Storage and Handling Regulation.*

A Company Name Ontario Corporation No., if applicable

Operator Name (if different from above)

Telephone No. Fax No. E-mail

B Street No. Street Name / 911 Number / Address, if applicable

Town / City or Township / County Province Postal Code

C Mailing address if different from above.

Street No. Street Name / 911 Number / Address, if applicable

Town / City or Township / County Province Postal Code

Information on Container Refill Centre or Filling Plant

D Location of facility

Street No. Street Name / 911 Number / Address, if applicable Nearest Major Intersection

Town / City or Township / County Province Postal Code

Name of Licence Holder

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT) ROT type

Municipality (or municipalities if the facility or its hazard distance touches multiple borders)

Hours of operation

This document is valid until the next licence renewal date. You are required by law to notify TSSA of any change of information.

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Print name	Signature	Date (dd-mm-yyyy)
Name of Licence Holder: James Dalton (Agent/Warehouse Manager) on behalf of Costco		12/2/11
Name of Senior Management person as defined in the Regulation holding the Record of Training: Robert Moyer		



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4903
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION A: GENERAL INFORMATION (cont'd)

Indicate the year the facility was established. 2008 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. None

Identify the psig rating and serial number for each fixed propane storage tank on site.

	PSIG	Serial Number
Tank1:	<u>250</u>	<u>953-9</u>
Tank2:	_____	_____
Tank3:	_____	_____

Enter capacity of propane in USWG, fixed, portable, and mobile, and provide detailed inventory that includes the number of tank/vessel for each type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document.

Fixed: 2000 USWG Portable: 559 USWG Mobile: _____

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) <u>James Dalton</u>	Official Title <u>Warehouse Manager</u>
Signature 	Telephone No. <u>705-750-2600</u>
	Date (dd-mm-yyyy) <u>02/16/12</u>



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4903
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s)			
Superior Propane - Ontario Regional Operations Centre			
Street No.	Street Name / 911 Number / Address, if applicable		
251	Woodlawn Road West, Unit 217		
Town / City or Township / Country		Province	Postal Code
Guelph		Ontario	N1H 8J1
Telephone No.	Fax No.	Contact Name	
1-877-873-7467	519-836-7766	Mike Mullins	
E-mail			
mullinsm@superiorpropane.com			

Name of Propane Transporter. If same as above, please check box. <input type="checkbox"/>			
Superior Propane - Peterborough			
Street No.	Street Name / 911 Number / Address, if applicable		
6722	Hwy 7		
Town / City or Township / Country		Province	Postal Code
Peterborough		Ontario	K9J 6X5
Telephone No.	Fax No.	Contact Name	
705-745-3285	N/A	Mark Wakeford	
E-mail			
wakefom@superiorpropane.com			

Off-site Cylinder and/or Mobile Storage	Capacity stored off-site, in USWG	For Office Use - Party No.
None		
Street No.	Street Name / 911 Number / Address, if applicable	
Town / City or Township / Country	Province	Postal Code
Telephone No.	Fax No.	Contact Name

Note: Customer storage is not considered off-site storage.

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print)	Official Title	
James Dalton	Warehouse Manager	
Signature	Telephone No.	Date (dd-mm-yyyy)
	705-750-2600	02/16/12



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4078
Customer Service: 1.877.682.8772

Application for Renewal of Level 1 Propane Licence
Technical Standards and Safety Act
Propane Storage and Handling Regulation

EMERGENCY AND PREPAREDNESS RESPONSE PLAN

The licence holder will complete the Emergency and Preparedness Response Plan in consultation with the local Fire Services.

Description of the maximum volume, types and storage location of other hazardous materials on site, if any.
One 2,000 USWG propane tank. 4 storage tanks, hold 30, 20 lb. tanks or 1,800 L.

Description of fire and emergency equipment indicated on facility site map.
Fire extinguisher at fill station, 2 ESO's, Fusible link at ISC valve.

List of fire protection controls (e.g., fire detection systems, fire notification systems, alarm systems, automatic shut off devices, fusible links, etc.) and describe their function, use and operation.
20 lb. ABC Fire extinguisher 2 ESO's, One located on East wall inside three bays, 2nd. located on North side of building directly across from fill station.
ISC has a Fusible link.

Maintenance and testing schedule for fire protection controls and devices.
Monthly visual inspection

You are required by law to notify TSSA of any change of information contained in the Risk and Safety Management Plan within 15 days.

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Print name of person completing this form. Einar Z. Werschitz	Official Title Financial Clerk	
Signature 	Telephone No. (613) 221-2304	Date (dd-mm-yyyy) 30-09-2013



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4903
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

1. Contacts for Emergency Response

1. Facility Contact Personnel - Key Contact		5. Facility 24-Hour Contact Person	
Name James Dalton	For Office Use - Party No.	Name Andy McDonald	For Office Use - Party No.
Official Title Warehouse Manager		Official Title Regional Tire Manager	
Telephone No. 705-750-2600	Fax No. 705-750-2604	Cell No. 613-221-6119	Fax No. 613-221-2001
E-mail W591MGR@costco.com		E-mail ANDY.MCDONALD@COSTCO.COM	
Role and responsibilities in emergency Coordinate site response		Role and responsibilities in emergency Coordinate site response	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Andy McDonald	For Office Use - Party No.	Name Jody MacMaster	For Office Use - Party No.
Official Title Regional Tire Manager		Official Title Tire Shop Manager	
Telephone No. 613-221-6119	Fax No. 613-221-2001	Telephone No. 705-750-2600	Fax No. 705-750-2604
E-mail ANDY.MCDONALD@COSTCO.COM		E-mail W591TSM@COSTCO.COM	
Role and responsibilities in emergency Coordinate site response if agent unavailable.		Role and responsibilities in emergency Coordinate site response	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Trent Gervais	For Office Use - Party No.	Name Superior Propane Hotline	For Office Use - Party No.
Official Title Fire Chief		Official Title	
Telephone No. 705-745-3283	Fax No. 705-745-2460	Telephone No. 1-877-873-7467	Fax No.
E-mail TGervais@Peterborough.ca		E-mail	
Role and responsibilities in emergency Coordinate/advise on Fire Service response. Liaise with police.		Role and responsibilities in emergency Identify and dispatch Superior Propane and or LPERGC emergency response personnel as required.	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Ron Sparks	For Office Use - Party No.	Name Brian Horton	
Official Title Deputy Chief		Official Title CAO - Emergency & Risk Management	
Telephone No. 705-745-3281	Fax No. 705-745-2460	Telephone No. 705-742-7777 ext 1810	Fax No.
E-mail RSparks@Peterborough.ca		E-mail cao@peterborough.ca	
Role and responsibilities in emergency Alternate - Coordinate/advise on Fire Service Response. Liaise with police.		Municipality Peterborough	

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) James Dalton	Official Title Warehouse Manager
Signature 	Telephone No. 705-750-2600
	Date (dd-mm-yyyy)

ES 00105 (11/10) Page 6 of 16



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4903
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

2. Additional Safety Measures

Describe any other measures in place at the facility that exceed the minimum Code and Standards requirements.

Emergency Shut Off push button to shut down pump and close solenoid valve upstream of dispensing hoses.

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) James Dalton	Official Title Warehouse Manager
Signature 	Telephone No. 705-750-2600
	Date (dd-mm-yyyy)



Technical Standards and Safety Authority
 www.tssa.org
 14th Floor - Centre Tower
 3300 Bloor Street West
 Toronto Ontario M8X 2X4
 Fax: 416.231.4903
 Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

3. Record of Emergency Training Provided - For most recent 12-month period.

Training on Emergency Response Plan and Procedures provided to facility key contacts

Training Date (dd-mm-yyyy) 20 10 2011 Feb	Print Name of Training Provider: Costco - Standard Costco Safety Training
	Print Name of Instructor: Jody MacMaster
Training Date (dd-mm-yyyy) Feb 17 2011	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

Training on the facility's Emergency Management Procedures provided to staff

Training Date (dd-mm-yyyy) 20 10 2011 Feb	Print Name of Training Provider: Costco - Standard Costco Safety Training
	Print Name of Instructor: Jody MacMaster
Training Date (dd-mm-yyyy) Feb 17 2011	Print Name of Training Provider: In house
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

On-site specific training provided to certificate holders / persons with Records of Training

Training Date (dd-mm-yyyy) to be arranged as required	Print Name of Training Provider: Superior Propane, FSN or Other	Please Note - a ROT is valid for 3 years
	Print Name of Instructor: to be arranged as required	
Training Date (dd-mm-yyyy)	Print Name of Training Provider:	
	Print Name of Instructor:	
Training Date (dd-mm-yyyy)	Print Name of Training Provider:	
	Print Name of Instructor:	

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) James Dalton	Official Title Warehouse Manager
Signature 	Telephone No. 705-750-2600
	Date (dd-mm-yyyy)



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4903
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

4. Emergency Training Plan for Coming Year

Training on Emergency Response Plan and Procedures provided to facility key contacts

Target Date (dd-mm-yyyy) 2011	Print Name of Training Provider: Costco - Standard Costco Safety Training	
	Print Name of Instructor:	
Target Date (dd-mm-yyyy) 1Q 2012	Print Name of Training Provider: Superior Propane or Other	Please Note: the industry did not have a course
	Print Name of Instructor: to be arranged	in place last year. The CPA release a course,
Target Date (dd-mm-yyyy)	Print Name of Training Provider:	911-02, in December 2011 and Costco agents
	Print Name of Instructor:	will complete the training in the 1Q of 2012

Training on the facility's Emergency Management Procedures provided to staff

Target Date (dd-mm-yyyy) 1Q 2012	Print Name of Training Provider: Key Site Contact to train staff	
	Print Name of Instructor:	
Target Date (dd-mm-yyyy)	Print Name of Training Provider:	
	Print Name of Instructor:	
Target Date (dd-mm-yyyy)	Print Name of Training Provider:	
	Print Name of Instructor:	

On-site specific training provided to certificate holders / persons with Records of Training

Target Date (dd-mm-yyyy) 00-09-2011	Print Name of Training Provider: Superior Propane	
	Print Name of Instructor: Reg Adamson	
Target Date (dd-mm-yyyy) TBA	Print Name of Training Provider: FSN Training or Other	Please Note - a ROT is valid for 3 years
	Print Name of Instructor: to be arranged as required	
Target Date (dd-mm-yyyy)	Print Name of Training Provider:	
	Print Name of Instructor:	

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) James Dalton	Official Title Warehouse Manager
Signature 	Telephone No. 705-750-2600
	Date (dd-mm-yyyy)



Technical Standards and Safety Authority
 www.tssa.org
 14th Floor - Centre Tower
 3300 Bloor Street West
 Toronto Ontario M8X 2X4
 Fax: 416.231.4903
 Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

The licence holder will complete Section B in consultation with the local Fire Services.

5. Emergency Response Communications Plan

Warnings and Actions

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate).
 The operator or alternate will contact emergency services by calling 911 and will provide warnings outlined in the attached "Propane Emergency Response Procedures" card (to be posted on site and part of the employee training). If it is safe to do so this could involved advising neighbors to evacuate. The owner/operator may also contact Superior Propane via the emergency number identified in the ERP.

Describe what action is to be taken and by whom when a warning is issued (including details of a meeting place in a safe identified area and activating the evacuation plan, if necessary).
 The owner/operator or alternate should first follow the actions in the ERP provided herein. Staged evacuation, if the release of propane cannot be stopped by cutting electrical power may be required. The initial muster location will be near the "Parkway" in a safe area.
 Subsequent evacuation instructions potentially up to the Hazard Distance to be provided by municipal emergency responders.
 Residences and businesses beyond the site boundary to be notified by municipal emergency responders.

Communication with Emergency Response Authorities

Describe when and how the licence holder will give early warning to emergency response authorities (including a process to ensure that a call is placed to 911).
 When the system is operational, a ROT person will be on duty and be in the propane tank area. They key contact or alternate will be implementing ER actions including notifying emergency responders. Calling 911 will occur immediately after any attempts to shut down the system.

When the system is not in operation, the ISC valve (main isolation valve) is closed and the propane system is unattended but shutdown. Any incidents involving the propane tank during such times will require the intervention of random, nearby individuals or store staff.

Describe provisions for fire department entry when there are no operations or staffing at the propane site.
 The propane tank system is located in a wide open area that is easily accessible The Parkway.

Describe how the licence holder will ensure continual flow of updated information to authorities.
 The critical information required from the license holder is information on how to shut down the system and the fill level in the tank (if known)
 Fill level is relevant from a time to BLEVE perspective (a nearby empty tank will BLEVE sooner than a full tank if there is fire impingement on the tank).
 This information will be provided to the authorities by James Dalton either verbally if on-site or by phone if after hours.

How long will it take the facility liaison person to respond to the site.
 It would take James Dalton approximately 15 minutes to arrive on site after receiving the emergency call.

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) James Dalton	Official Title Warehouse Manager
Signature 	Telephone No. 705-750-2600
	Date (dd-mm-yyyy)



Technical Standards and Safety Authority
www.issa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4903
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

The licence holder will complete Section B in consultation with the local Fire Services
6. Building and Site Security and Procedures

- | | Yes | No |
|---|-------------------------------------|--------------------------|
| 1. Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is there adequate night lighting at the site? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are procedures in place that ensure access routes, aisles, storage area, filling areas and the grounds are kept clear from unwanted materials? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Are there procedures that capture and record the daily inspection of hoses and inspection requirements for filling systems and mechanical devices used in the transfer of propane? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Does the facility have procedures that include a process to isolate and purge any overfilled propane cylinders? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Are weighing systems validated for accuracy? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Are storage areas clearly marked with the vessels' capacity status (i.e., filled, empty, purged and other hazardous materials)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8. Are quality assurance procedures in place to ensure that all valves are closed after the propane cylinders are filled?(e.g., QCC valves) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 9. Is the schedule of maintenance and testing activities retained on site? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

7. Water Supply

The propane licence holder should work with the local fire department to determine water supply capabilities that are available based on the propane facility's location.

- | | Yes | No |
|---|-------------------------------------|--------------------------|
| 1. Is a pressurized water system available at the propane facility site? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only) | <u>40 meters east of fill</u> | |
| 4. What is the unobstructed distance to the closest approved water supply with year round access if there are no hydrants? (distance in metres only) | <u>n/a</u> | |

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) James Dalton	Official Title Warehouse Manager
Signature 	Telephone No. 705-750-2600
	Date (dd-mm-yyyy)



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4903
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

The licence holder will complete Section B in consultation with the local Fire Services.

8. Licence holder and local Fire Services Review

To be completed by the Local Fire Services

Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?

Yes

No

If not, please explain (e.g., no fire services).

Fire services comments, if any:

To be completed by the Licence Holder

In response to the above comments, the following action(s) is required:

The licence holder will respond to the Local Fire Services comments by:

(dd-mm-yyyy)

LOCAL FIRE SERVICES

The undersigned has reviewed Section B of the Risk and Safety Management Plan Fire Services.

Print name	Signature	Date (dd-mm-yyyy)
Local Fire Services Name		

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) James Dalton	Official Title Warehouse Manager	
Signature 	Telephone No. 705-750-2600	Date (dd-mm-yyyy)



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4903
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION C: SUBMISSIONS

Applicant must include a Facility Site Plan and Map of Surrounding Area

Facility Site Plan.

The licence holder will submit a copy of the original facility site plan updated with the following information:

1. The storage location of fixed, portable, and mobile vessels.
2. The maximum volume, types and storage location of hazardous materials.
3. Location of permanent structures on site.
4. Access and egress points and location of barriers.
5. Location of fire and emergency equipment (e.g., sprinkler systems, extinguishers, suppression systems) on site and location of fire hydrant or water supply where available.
6. Location of emergency shut off/shut down switches/valves.

Map of Surrounding Area.

The licence holder will submit a scaled aerial map of the surrounding area showing the following information:

7. The capacity and placement of the single largest propane storage vessel, including its setback from the front, rear and side property lines.
8. GPS co-ordinates of the single largest vessel.
9. Visual indication of the single largest fixed vessel and a circle made using the distance in Table 1 as the radius from the single largest fixed vessel.
10. Clear indication of the municipality or municipalities present within the circle.
11. Visual indication of property line information.
12. The location and name of roads within or abutting the site.
13. Key note to the drawing indicating the facility's municipal address, municipal lot number(s) and concession lines as applicable, and the date the map was prepared.
14. Address and contact information for each municipality (municipal clerk or secretary-treasurers of planning board). (Refer to page 5.)
15. Complete "Required Mapping Information from Updated Site Plan" in table below.

Required Mapping Information from Updated Site Plan

Date Map Prepared (dd-mm-yyyy) 04-01-2012	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: 72 m	Right side property line: 161 m
Rear: 182 m	Left side property line: 80 m
GPS coordinates of single largest vessel:	Lat: 44.2724 Long: -78.3405

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) James Dalton	Official Title Warehouse Manager
Signature 	Telephone No. 705-750-2600
	Date (dd-mm-yyyy)



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Fax: 416.231.4903
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION C: SUBMISSIONS (cont'd)

Applicant must include a Facility Site Plan and Map of Surrounding Area

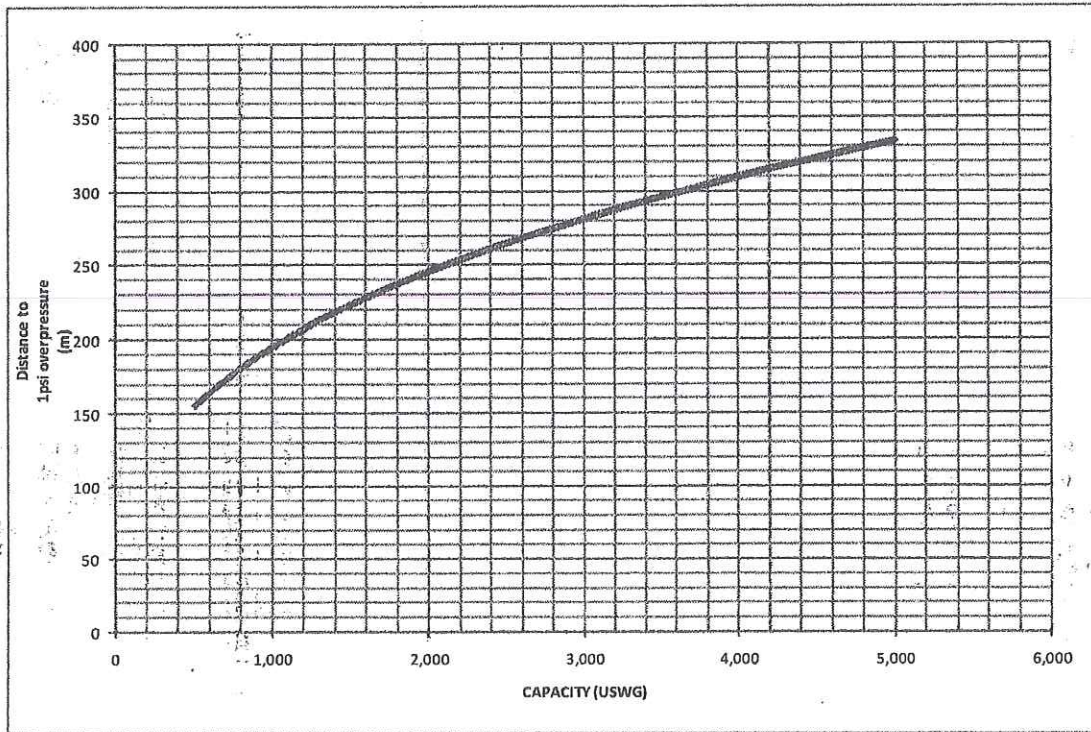
Table 1: Distance Table

Water Capacity (litres)	Nominal Water Capacity (USWG)	Distance to 1 psi overpressure (m)
1,890	500	155
3,780	1,000	195
4,920	1,300	213
6,620	1,750	235
7,130	1,885	241
7,560	2,000	246
18,900	5,000	333

Formula: $D = 16.94 \times (1.524 \times C)^{1/3}$
 D = Distance to overpressure of 1 psi (meters)
 C = Tank Total Capacity in USWG

Parameters: Density of Propane is 0.5033 kg per litre @ 15 C
 Assume all vessels are 80% full
 1 gallon [US, liquid] = 0.003785411784 cubic meter
 1 cubic metre = 264.17 USWG

Hazard Distance Chart (EPA-TNT model)



Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) Nothing completed on this page.		Official Title	
Signature		Telephone No.	Date (dd-mm-yyyy)



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4903
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION C: SUBMISSIONS (cont'd)

Applicant must include a Facility Site Plan and Map of Surrounding Area

As an accompaniment to the Map of Surrounding Area, provide the following information about buildings and features present within the circle in Table 2.

Table 2: Buildings and Features

Buildings and Features Present within the Circle on the Map of the Surrounding Area AND Name and Address of Closest Building or Feature	* Number of Buildings and Features (mark with an "X")				Distance from Tank to Closest Building or Feature
	0	1	2-10	11+	
Industrial buildings or parks or golf courses Name: Various Industrial Address: Queensway & The Parkway City: Peterborough Province ON Postal Code _____			X		25-250 m
Residential building units specifically permanent single family dwellings, condominiums, and apartments Name: [REDACTED] Address: [REDACTED] City: [REDACTED]	X				0 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: Various retail Address: Queensway & The Parkway City: Peterborough Province ON Postal Code _____			X		25-250 m
Commercial building units - continuous occupancy specifically hotels, campgrounds, and resorts. Name: None within Hazard Distance Address: _____ City: _____ Province _____ Postal Code _____	X				0 m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: None within Hazard Distance Address: _____ City: _____ Province _____ Postal Code _____	X				0 m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: None within Hazard Distance Address: _____ City: _____ Province _____ Postal Code _____	X				0 m

* For multi-unit buildings, count each unit as "1".

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) James Dalton	Official Title Warehouse Manager
Signature 	Telephone No. 705-750-2600
	Date (dd-mm-yyyy)



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4903
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION C: SUBMISSIONS (cont'd)
Applicant must include a Facility Site Plan and Map of Surrounding Area

Portable Storage Additional Information Sheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5		
# 40	11.75		
# 33.3	9.62		
# 30	8.8	16	141
# 20	5.8	72	418
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity 559 USWG			

Tanks Stored On-site Not Connected for Use

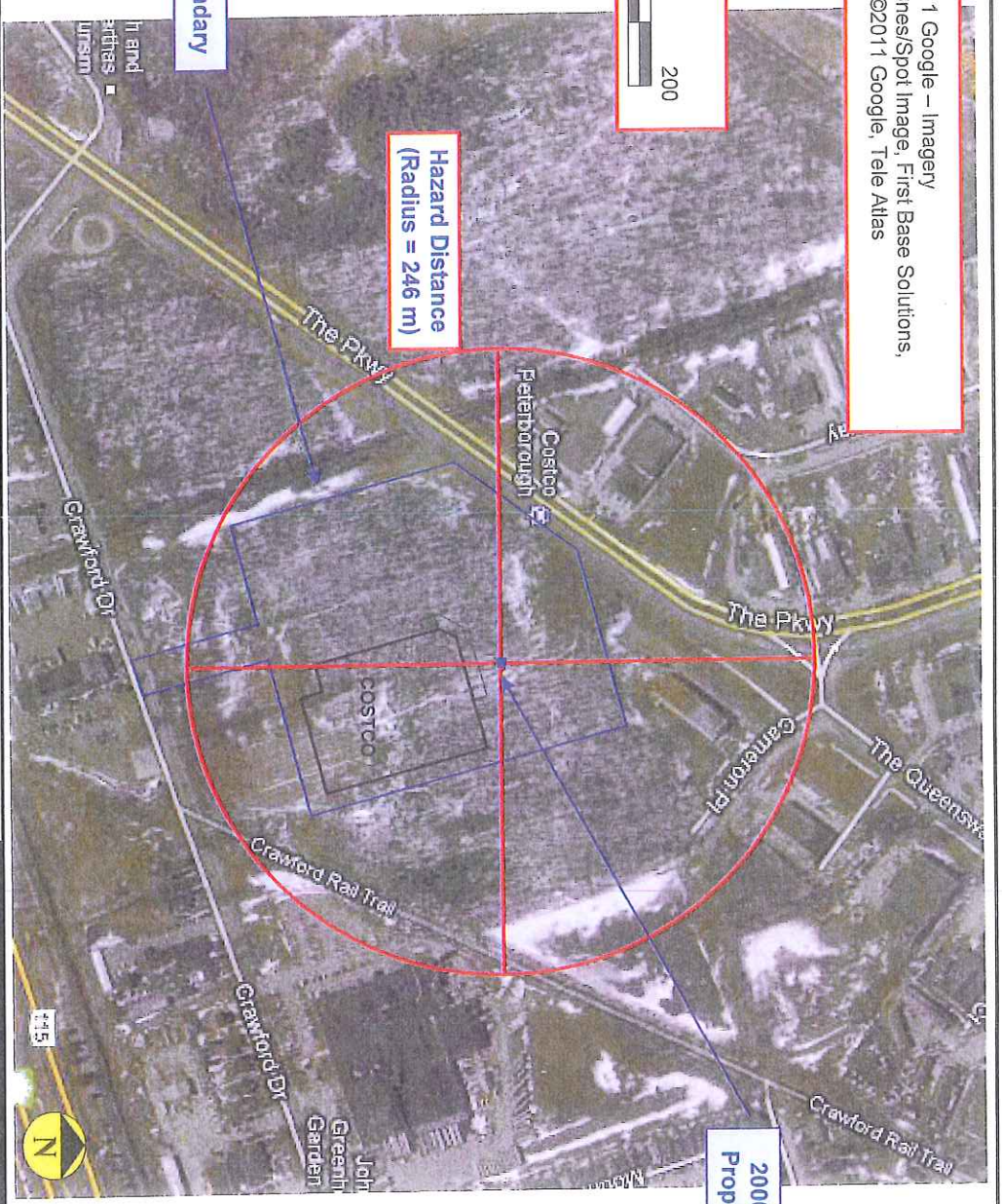
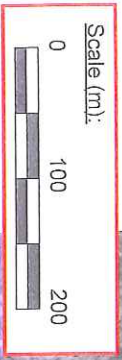
Tank Size In USWG	Quantity	Total Volume in USWG
2000 USWG <i>[Signature]</i>	<i>[Signature]</i>	2000 USWG <i>[Signature]</i>
Total Tank Capacity 2000 USWG		

Total Cylinder Capacity	559 USWG
Total Tank Capacity	2000 USWG
Total Portable Capacity	0

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) James Dalton	Official Title Warehouse Manager	Date (dd-mm-yyyy)
Signature <i>[Signature]</i>	Telephone No. 705-750-2600	

©2011 Google – Imagery
 ©2011 Digital Globe, Ches/Spot Image, First Base Solutions,
 Map data ©2011 Google, Tele Atlas



Setback Distances to Site Boundary: North: 72 m West: 161 m South: 182 m East: 80 m

Capacity of Propane Storage Tank = 2000 USWG

GPS Co-ordinates of Propane Storage Tank = 44.2724, -78.3405

Denoted by circle centred on tank; radial distance = 246 m

Municipality (ies) within the 1 psi overpressure circle:
 City of Peterborough

Municipal Contact:
 Brian Horton
 CAO – Emergency & Risk Management
 City of Peterborough, City Hall
 500 George St. North
 Peterborough, ON, K9H 3R9
 T: 705.742.7777 x1810
 E: cao@peterborough.ca

Map of Surrounding Area

Costco – Peterborough
 485 The Parkway, Peterborough, ON, K9J 0B3
 NORTH MONAGHAN CON 11 PT LOT 10 RP
 45R14412 PARTS 1 2 AND 5

Drawn by: L. Oliverio Date: January 4, 2012