



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

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.



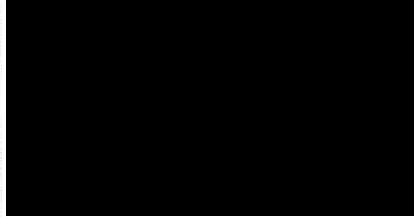
Failure to fully complete this form may result in rejection.
Making a false statement may result in a fine or prosecution under the Technical Standards and Safety Act

Licence Number: 76642599

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.

A Company Name: Costco Wholesale Canada Ltd. Ontario Corporation No., if applicable: _____

Operator Name (if different from above): Jaime Ribeiro (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

D Location of facility:

Street No.: 50 Street Name / 911 Number / Address, if applicable: Queen Elizabeth Blvd. Nearest Major Intersection: Islington Avenue & The Queensway

Town / City or Township / County: Etobicoke Province: Ontario Postal Code: M8Z 1M1

Name of Licence Holder: Jaime Ribeiro (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: 100-08-77262

Municipality (or municipalities if the facility or its hazard distance touches multiple borders): City of Toronto

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.

Name of Licence Holder	Jaime Ribeiro on behalf of Costco Wholesale Canada Ltd	Signature	Date (dd-mm-yyyy)
Name of Senior Management person as defined in the Regulation holding the Record of Training	Robert Moyer		21/02/2012



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)

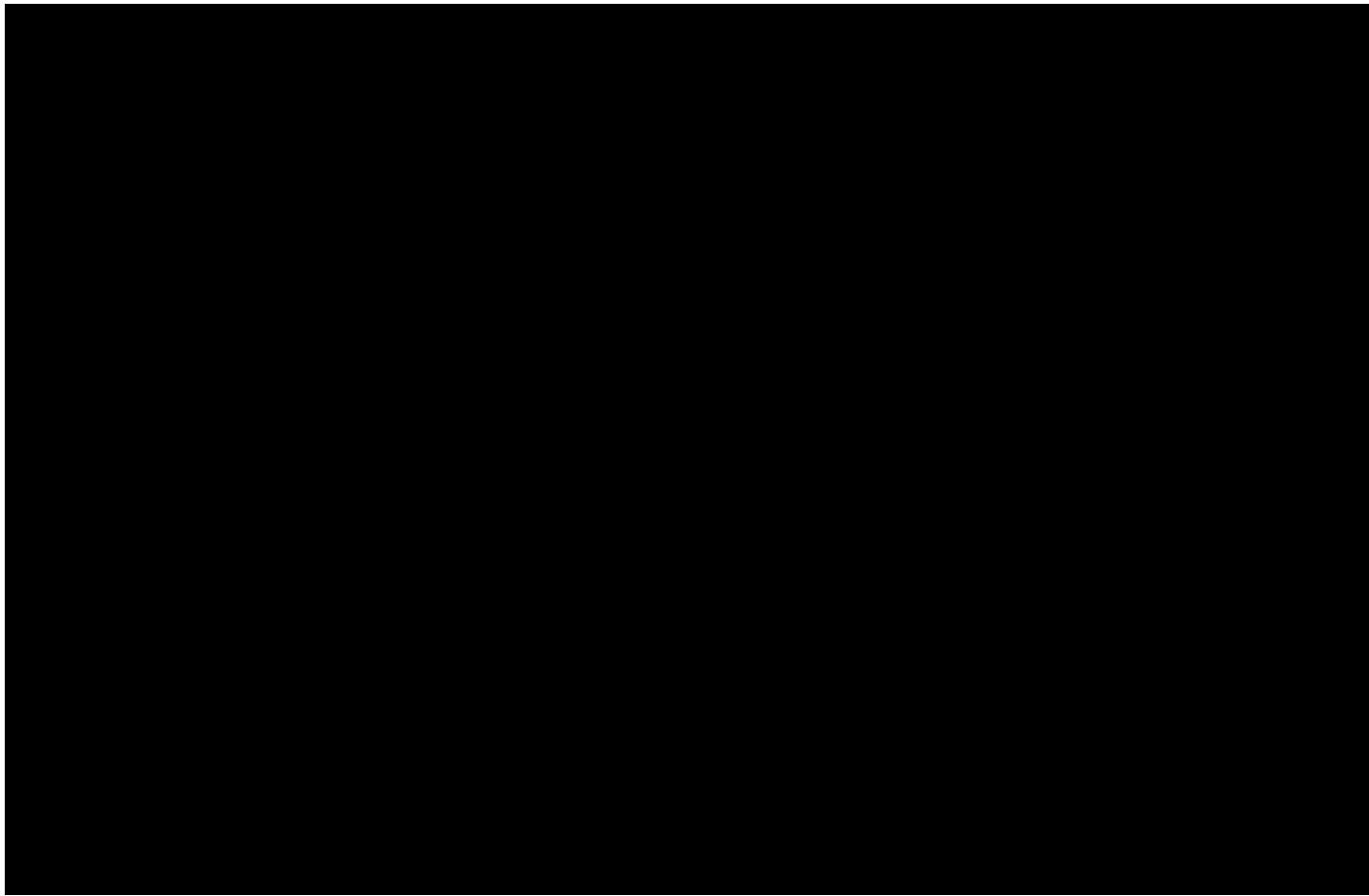
Indicate the year the facility was established. 2005
Indicate the year of any significant modifications, as defined in s.1. O.Reg 211/01, since establishment. None since open

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

	PSIG	Serial Number
Tank 1:	250	5.795677
Tank 2:		
Tank 3:		

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: 418 USWG Mobile: 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) Jaime Ribeiro	Official Title Warehouse Manager
Signature 	Telephone No. 416-220-3938
	Date (dd-mm-yyyy) 21/02/2012



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)		[Redacted]	
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	
877-873-7467		Jason Swan	
E-mail			
mullinsm@superiorpropane.com			

Name of Propane Transporter. If same as above, please check box. <input type="checkbox"/>		[Redacted]	
Superior Propane - Guelph			
Street No.	Street Name / 911 Number / Address, if applicable		
7022	Wellington Rd. 124 South		
Town / City or Township / Country		Province	Postal Code
Guelph		Ontario	N1H 6L3
Telephone No.	Fax No.	Contact Name	
519-831-6564	519-763-5838	Chris VanHerksen	
E-mail			
vanherkc@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		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	
Jamie Ribeiro	Warehouse Manager	
Signature	Telephone No.	Date (dd-mm-yyyy)
	416-220-3938	21/02/2012



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X2X4
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

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

Description of the maximum volume, types and storage location of other hazardous materials on site, if any.
Gasoline - maximum 225,000 litres (3 tanks @ 75,000 litres each), located at north end of building. MSDS provided herein.

Description of fire and emergency equipment indicated on facility site map.

1. Fire Extinguishers - ABC - located at a) propane station b) Tire Centre bay door and c) Tire Centre entry door.
2. Power Supply Breaker - inside the building. This cuts all power to the propane system - shuts down the pump and closes the solenoid valve.
3. Emergency Stop Button - located outside of the Tire Centre.

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.

1. Fusible link on ISC valve - isolation valve between the tank and the downstream propane dispensing equipment.
2. Power supply breaker inside the gas bar building. This cuts all power to the propane system - shuts down pump; closes solenoid valve.
3. ISC valve interlock bar (interlocked with the cabinet door) - ISC valve closes when door is closed.

Maintenance and testing schedule for fire protection controls and devices.

Maintenance and testing is undertaken by Superior Propane according to Superior Propane's Maintenance Standard. Schedule for key equipment is:

1. Pumps (Pump every 3 months; Pump Motor: check belts monthly; grease motor every 6 months)
2. ISC Valves (test for closure every 6 months)
3. Fusible links (inspected every 6 months)
4. Storage tank Relief Valves (inspect every 2 years; replacement schedule as per provincial regulations)
5. Fire extinguishers maintained by Costco as per Ontario fire regulations. Maintenance records kept in log at site for 5 years.

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) Jamie Ribeiro	Official Title Warehouse Manager
Signature <i>J. Ribeiro</i>	Telephone No. 416-220-3938
	Date (dd-mm-yyyy) 07-03-2012

March 7 2012



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

Name
Abdool Hack

Official Title
Tire Centre Manager

Telephone No.
416-251-2832 ext 232

Fax No.
416-251-3066

E-mail
W524tsm@costco.com

Role and responsibilities in emergency
Coordinate site response

5. Facility 24-Hour Contact Person

Name
Jaime Ribeiro

Official Title
Warehouse Manager

Cell No.
416-220-3938

Fax No.
416-251-3066

E-mail
w524mgr@costco.com

Role and responsibilities in emergency
Coordinate site response

2. Facility Contact Personnel - Alternate Contact

Name
Vito Piacente

Official Title
Assistant Warehouse Manager

Telephone No.
416-251-2832

Fax No.
416-251-3066

E-mail
w524mgr4@costco.com

Role and responsibilities in emergency
Coordinate site response

6. Name of Facility Manager

Name
Jaime Ribeiro

Official Title
Warehouse Manager

Telephone No.
416-220-3938

Fax No.
416-251-3066

E-mail
w524mgr@costco.com

Role and responsibilities in emergency
Coordinate site response

3. Local Fire Services - Key Contact

Name
Frank Lamie

Official Title
Deputy Fire Chief

Telephone No.
416-338-9054

Fax No.
416-338-9060

E-mail
N/A

Role and responsibilities in emergency
Coordinate/advise on Toronto Fire Service response. Liaise with police.

7. Propane Supplier Key Contact Person

Name
Superior Propane Hotline

Official Title

Telephone No.
1-877-873-7467

Fax No.

E-mail

Role and responsibilities in emergency
Identify and dispatch Superior Propane and or LPERGC emergency response personnel as required.

4. Local Fire Services - Alternate Contact

Name
Jim Sloops

Official Title
Division Fire Chief

Telephone No.
416-338-9102

Fax No.
416-338-9060

E-mail
N/A

Role and responsibilities in emergency
Alternate - Coordinate/advise on Toronto Fire Service Response. Liaise with police.

8. Municipal Contact

Name
Jill S. Watkiss

Official Title
City Clerk

Telephone No.
416-392-8010

Fax No.
416-392-2980

E-mail
clerk@toronto.ca

Municipality
Toronto

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) Jaime Ribeiro	Official Title Warehouse Manager
Signature 	Telephone No. 416-220-3938
	Date (dd-mm-yyyy) 21/02/2012



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 Stop Button - a push button that will shut down the pump and close solenoid valve upstream of dispensing hoses.

Fire Suppression System - (sprinkler system) inside Costco building.

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) Jaime Ribeiro	Official Title Warehouse Manager	
Signature 	Telephone No. 416-220-3938	Date (dd-mm-yyyy) 21/022012



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario MBX 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) Sept 2010	Print Name of Training Provider: Costco - Standard Costco Safety Training
	Print Name of Instructor: Abdool Hack - Tire Centre Manager
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:

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

Training Date (dd-mm-yyyy) 2010	Print Name of Training Provider: Costco - Standard Costco Safety Training
	Print Name of Instructor: Abdool Hack - Tire Centre Manager
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:

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

Training Date (dd-mm-yyyy) 00-06-2010	Print Name of Training Provider: Superior Propane - ROT Training & Certification Please Note: a ROT is valid for 3 yrs
	Print Name of Instructor: Reg Adamson
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) Jaime Ribeiro	Official Title Warehouse Manager
Signature 	Telephone No. 416-220-3938
	Date (dd-mm-yyyy) 21/02/2012



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 in
	Print Name of Instructor: to be arranged	place last year. The CPA released a course called
Target Date (dd-mm-yyyy)	Print Name of Training Provider:	911-02 in December 2011 and Costco agents
	Print Name of Instructor:	will receive this training in 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: TBA
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) TBA as required	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:	
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) Jaime Ribeiro	Official Title Warehouse Manager
Signature 	Telephone No. 416-220-3938
	Date (dd-mm-yyyy) 21/02/2012



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 owner/operator or alternate (both ROT staff) will contact emergency services by calling 911 and will provide warnings as outlined in the attached

Propane Emergency Response Procedures (to be posted at site and be part of employee training). If it is safe to do so, this could involve 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's provided herein. Staged evacuation, if the release of propane cannot be stopped by cutting electrical power may be required. The muster location is at the entrance, on the sidewalk of Queen Elizabeth Blvd., away from the site and a dispersing propane cloud. 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, site staff will be on duty and be in the propane tank area. The Key Contact or alternate will be implementing ER actions and notifications, 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 is shutdown.

Any accidents involving the propane tank during such times will require the intervention of random, nearby individuals.

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 store parking lot area that is easily accessible by Queen Elizabeth Blvd. & Taymall Ave.

These fire access routes are identified in the attached site plan.

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 the system down and the fill level in the tank (if known). This will be provided to the authorities either verbally by Jaime Ribeiro, if on-site or by cell phone during off hours.

Fill level is relevant from a time-to-BLEVE perspective (a near empty tank will BLEVE sooner than a full tank if there is fire impingement on the tank).

How long will it take the facility liaison person to respond to the site.

It would take the 24-hour contact, Jaime Ribeiro, 30 minutes to 1 hour, to arrive on-site after receiving an 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) Jaime Ribeiro	Official Title Warehouse Manager	
Signature 	Telephone No. 416-220-3938	Date (dd-mm-yyyy) 21/02/2012



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.

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 type="checkbox"/> | <input checked="" 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 type="checkbox"/> | <input checked="" 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>2 metres</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) Jaime Ribeiro	Official Title Warehouse Manager	
Signature 	Telephone No. 416-220-3938	Date (dd-mm-yyyy) 21/02/2012



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

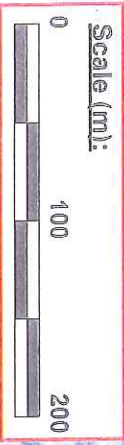
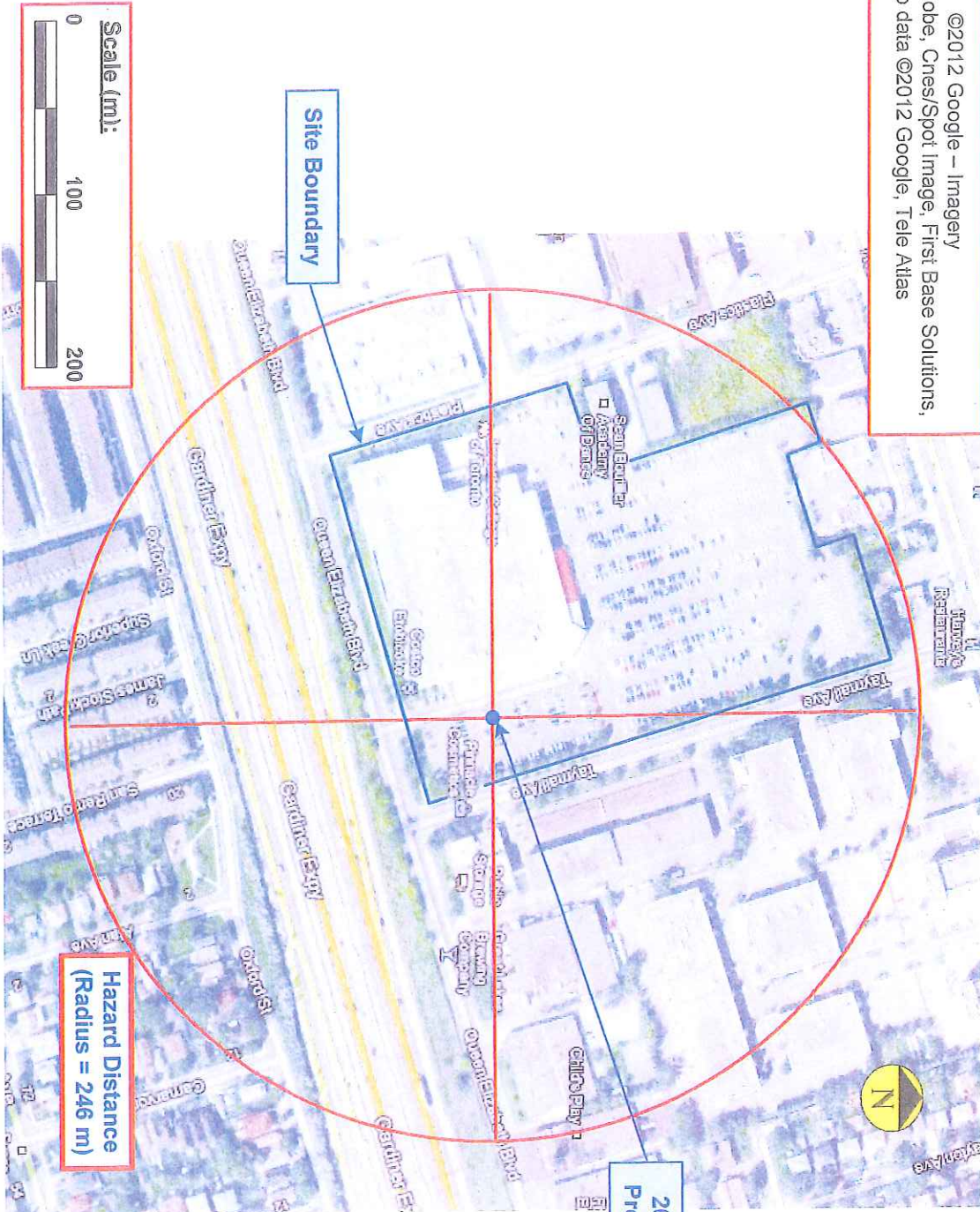
Date Map Prepared (dd-mm-yyyy) 28-01-2012	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: 40 m	Right side property line: 32 m
Rear: 224 m	Left side property line: 172 m
GPS coordinates of single largest vessel: Lat. 43.6227 Long: -79.5066	

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) Jaime Ribeiro	Official Title Warehouse Manager
Signature 	Telephone No. 416-220-3938
	Date (dd-mm-yyyy) 21/02/2012

©2012 Digital Globe, Cnes/Spot Image, First Base Solutions,
 Map data ©2012 Google, Tele Atlas

©2012 Google – Imagery



**Hazard Distance
 (Radius = 246 m)**

**2000 USWG
 Propane Tank**

Site Boundary

**Setback Distances
 to Site Boundary**
 North : 224 m West: 172 m
 South: 40 m East: 32 m

Capacity of Propane Storage Tank
 Capacity of Propane Storage Tank = 2000 USWG

GPS Co-ordinates of Propane Storage Tank
 GPS Co-ordinates = 43.622718, -79.506705

Radius Distance to 1 psi overpressure
 Denoted by circle centred on tank; radial distance = 246 m

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

Municipal Contact
 Ulli Watkiss
 City Clerk
 City of Toronto
 100 Queen Street West, 13th Floor
 Toronto, ON, M5H 2N2
 416-392-8010
clerk@toronto.ca

Map of Surrounding Area

Costco – Etobicoke
 50 Queen Elizabeth Blvd, Etobicoke, ON, M8Z 1M1

Drawn by: L. Oliverio Date: January 28, 2012



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario MBX 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

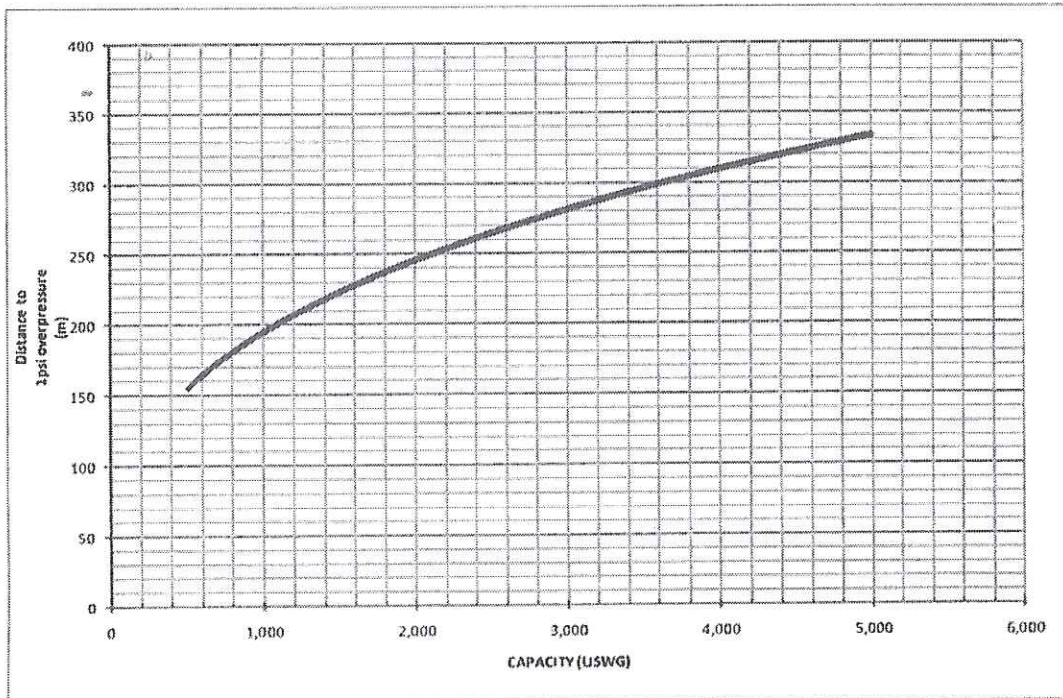
Table 1: Distance Table

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: Public Storage; Great Lakes Brewing Co; O'Keefe Printing; Shasha Bread Co. Address: Queen Elizabeth Blvd; Plastics Ave; Taymall Ave. City: Etobicoke Province ON Postal Code _____			X		10-250 m
	X				0 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: Harveys; Tim Hortons; Baskin Robbins; Various Retail - Parts Source; Kings Garden Banquet Hall Address: The Queensway; Taymall Ave; Canmotor Ave; Queen Elizabeth Blvd. City: Etobicoke Province ON Postal Code _____				X	10-250 m
Commercial building units - continuous occupancy specifically hotels, campgrounds, and resorts. Name: None in the 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 in the Hazard Distance Address: _____ City: _____ Province _____ Postal Code _____	X				0 m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: None in the 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) Jaime Ribiero	Official Title Warehouse Manager
Signature 	Telephone No. 416-220-3938
	Date (dd-mm-yyyy) 21/02/2012



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		
# 20	5.8	72	418 USWG
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity 418 USWG			

Tanks Stored On-site Not Connected for Use

Tank Size in USWG	Quantity	Total Volume in USWG
2000 USWG	1	2000 USWG
Total Tank Capacity 2000 USWG		

Total Cylinder Capacity	418 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) Jaime Ribeiro	Official Title Warehouse Manager
Signature 	Telephone No. 416-220-3938
	Date (dd-mm-yyyy) 21/02/2012