



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 000076643068(existing)

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		Ontario Corporation No., if applicable	
A <u>2418264 Ontario Inc.</u>		<u>2418264 Ontario Inc.</u>	
Operator Name (if different from above) <u>o/a Top Valu Gas Bar</u>			
Telephone No.	Fax No.	E-mail	
<u>519-624-4000</u>	<u>519-624-4040 05</u>	<u>gill.raj@hotmail.com</u>	
B Street No.	Street Name / 911 Number / Address, if applicable		
<u>145</u>	<u>Hespeler Road</u>		
Town / City or Township / County		Province	Postal Code
<u>Cambridge</u>		<u>Ontario</u>	<u>N1R 3G9</u>
Mailing address if different from above.			
C Street No.	Street Name / 911 Number / Address, if applicable		
<u>Same</u>			
Town / City or Township / County		Province	Postal Code

Information on Container Refill Centre or Filling Plant		
Location of facility.		
D Street No.	Street Name / 911 Number / Address, if applicable	Nearest Major Intersection
<u>145</u>	<u>Hespeler Road</u>	<u>Highway 401 & Hespeler Road</u>
Town / City or Township / County		Postal Code
<u>Cambridge</u>		<u>Ontario</u> <u>N1R 3G9</u>

Name of Licence Holder	
<u>Rajneet Gill</u>	
Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT).	ROT type
<u>Rajneet Gill</u>	<u>100-01</u>
Municipality (or municipalities if the facility or its hazard distance touches multiple borders)	
<u>Cambridge</u>	
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 <u>Rajneet Gill</u>		<u>18-06-2014</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Rajneet Gill</u>		<u>18-06-2014</u>



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SECTION A: GENERAL INFORMATION (cont'd)

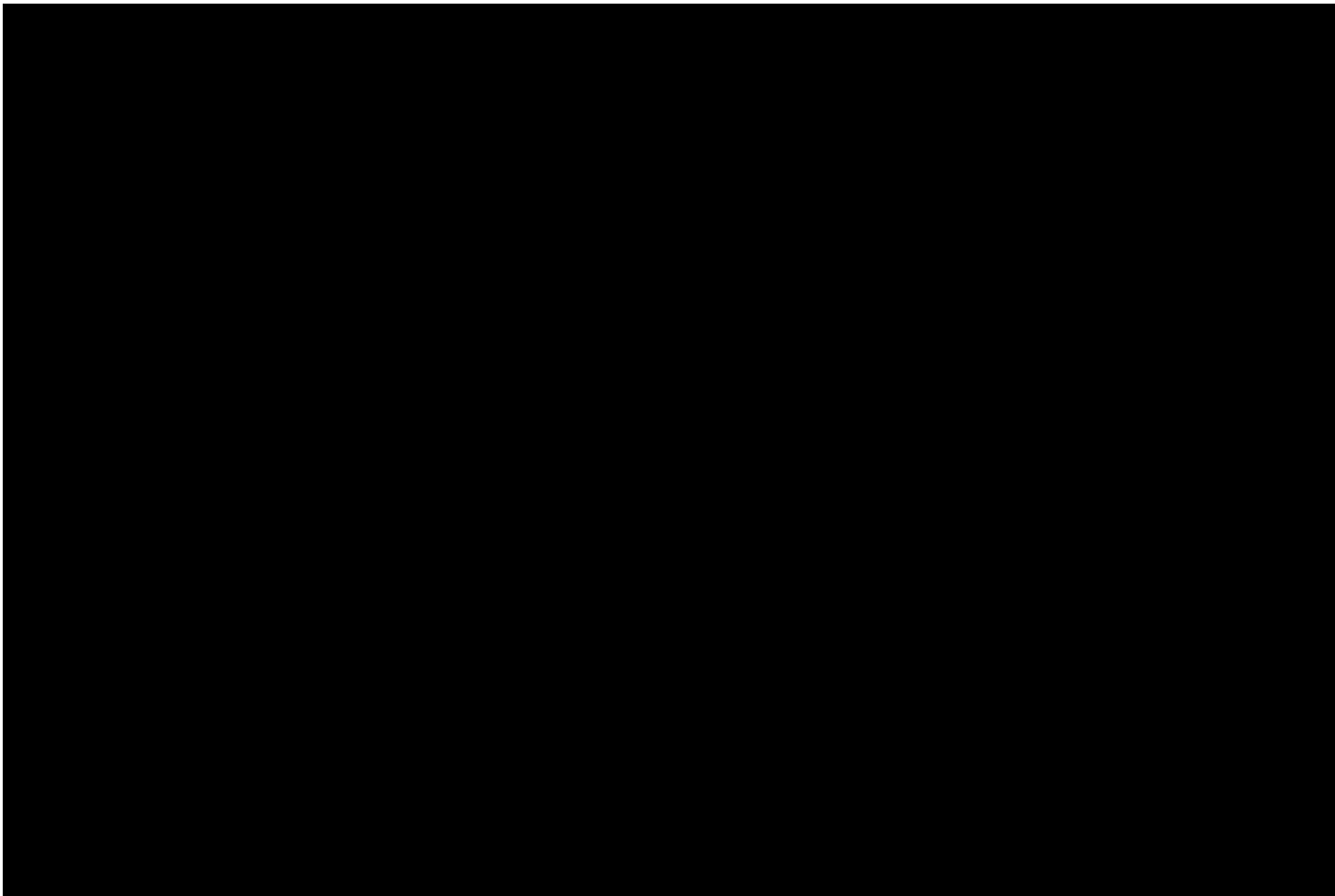
Indicate the year the facility was established. 2000 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. No Modifications have taken place at the facility

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

	PSIG	Serial Number
Tank1:	<u>250 PSIG</u>	<u>253-99</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: 139.2 USWG Mobile: n/a



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Name of person completing this form (please print) <u>Rajneet Gill</u>	Official Title <u>Owner</u>	
Signature 	Telephone No. <u>416-419-9901</u>	Date (dd-mm-yyyy) <u>18-06-2014</u>



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s) Primemax Energy Inc.		For Office Use - Party No.	
Street No. 2558	Street Name / 911 Number / Address, if applicable Cedar Creek Road RR # 1		
Town / City or Township / Country Ayr		Province Ontario	Postal Code N0B 1E0
Telephone No. 519-740-8209	Fax No. 519-740-1015	Contact Name Mike Taylor	
E-mail primemax@primeaxenergy.com			

Name of Propane Transporter. If same as above, please check box. <input checked="" type="checkbox"/>		For Office Use - Party No.	
Street No.	Street Name / 911 Number / Address, if applicable		
Town / City or Township / Country		Province	Postal Code
Telephone No.	Fax No.	Contact Name	
E-mail			

Off-site Cylinder and/or Mobile Storage N/A	Capacity stored off-site, in USWG	For Office Use - Party No.	
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.

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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.
Facility is an operating gas station and has underground gasoline and diesel tanks. There are no other products stored on site that would be considered hazardous. Regular 1x100,000, Premium 25,000 and Diesel 25,000.

Description of fire and emergency equipment indicated on facility site map.
There is a fire extinguisher located at the propane tank, fire extinguishers located at the gasoline islands and one located in the C-store.
There is an emergency shut-down switch on the outside wall of the C-Store near the propane tank that when depressed will interrupt power to the propane pump and auto dispenser so no propane can be transferred.

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.
The tank has a fusible link on the ISC valve that will melt at 212 F and the ISC valve will close due to the spring action of the valve. This will shut all propane supply to the pump. There is also a remote Emergency Shutdown switch mounted on the wall of the C-Store near the tank that will interrupt power to the pump and auto dispenser so no product can be transferred. The site is monitored by security cameras.

Maintenance and testing schedule for fire protection controls and devices.
Fire extinguishers are checked monthly and retested annually for proper operation. A TSSA registered technician does annual checks on the propane equipment as part of the annual inspection requirements and the Emergency systems are checked at that time. Copies of inspection reports are keep on site.

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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 Rajneet Gill	For Office Use - Party No.	Name Rajneet Gill	For Office Use - Party No.
Official Title Manager		Official Title Manager	
Telephone No. 519-624-4000	Fax No. 519-624-4010	Cell No. 416-419-9901	Fax No. 519-624-4010
E-mail gill.raj@hotmail.com		E-mail gill.raj@hotmail.com	
Role and responsibilities in emergency Ensures that all employees are trained to work with propane and enforces the site safety plan in response to emergencies. Will make 911 call.		Role and responsibilities in emergency Same as Item 1	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Pawandeep Gill	For Office Use - Party No.	Name Rajneet Gill	For Office Use - Party No.
Official Title Assistant Manager		Official Title Manager	
Telephone No. 519-624-4000	Fax No. 519-624-4010	Telephone No. 519-624-4000	Fax No. 519-624-4010
E-mail gill.raj@hotmail.com		E-mail gill.raj@hotmail.com	
Role and responsibilities in emergency Will assist the key contact in emergencies and will assume responsibility for site liaison if the key contact is away from the site. Will make 911 call.		Role and responsibilities in emergency Same as Item 1	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Brian Smith	For Office Use - Party No.	Name Mike Taylor	For Office Use - Party No.
Official Title Fire Prevention Officer	E-mail smithb@cambridge.ca	Official Title General Manager	E-mail mtaylor@primemaxenergy.com
Telephone No. 1-519-621-0754	Fax No. 1-519-621-4521	Telephone No. 1-519-740-8209	Fax No. 1-519-740-1015
Role and responsibilities in emergency Reviews RSMP's and insures adequate resources are available to allow inspectors to review sites for Fire Code compliance		Role and responsibilities in emergency Coordinates truck deliveries and would initiate the CPA Emergency Response Plan as required.	
Fire Services Address Cambridge Fire Dept., 1625 Bishop St., N., Cambridge, ON. N1R 7J4		Propane Supplier Address Primemax Energy Inc. 2558 Cedar Creek Rd., RR#1, Ayr, On, N0B 1E0	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Janine Oosterveld	For Office Use - Party No.	Name Janine Oosterveld	For Office Use - Party No.
Official Title Manager of Site Development and Zoning	E-mail oosterveldj@cambridge.ca	Official Title Manager of Site Development and Zoning	E-mail oosterveldj@cambridge.ca
Telephone No. 1-519-740-4650 Ext: 4520	Fax No. 1-519-740-9545	Telephone No. 1-519-740-4650 Ext: 4520	Fax No. 1-519-740-9545
Role and responsibilities in emergency		Municipality Name and Address City of Cambridge, 80 Duncan Street, P.O. Box 669, Cambridge, ON. N1R 5W8	
Fire Services Address			

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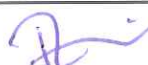
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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

2. Additional Safety Measures

Describe any other measures in place at the facility that exceed the minimum Code and Standards requirements.
 The facility meets the Propane Code and there are no added features that exceed the Code requirements. The tank is protected with concrete filled posts on all sides and has an Emergency Shutdown button that will kill power to the pump and solenoid valve when pushed. The tank is in constant site of employees on the premises. Fire access is easy with a large area to manoeuvre trucks around. The site is monitored by security cameras. Emergency Response Assistance Plan is available by contacting supplier.

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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) 23-06-2014	Print Name of Training Provider: Promar Petroleum Inc.
	Print Name of Instructor: Mike Martin
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) 23-06-2014	Print Name of Training Provider: Promar Petroleum Inc.
	Print Name of Instructor: Mike Martin
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) 23-06-2014	Print Name of Training Provider: Promar Petroleum Inc.
	Print Name of Instructor: Mike Martin
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:

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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) TBD	Print Name of Training Provider: Promar Petroleum Inc.
	Print Name of Instructor: Mike Martin
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:


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

Target Date (dd-mm-yyyy) TBD	Print Name of Training Provider: Promar Petroleum Inc.
	Print Name of Instructor: Mike Martin
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) 08-05-2017	Print Name of Training Provider: Promar Petroleum Inc.
	Print Name of Instructor: Mike Martin
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:

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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 on site attendant will confirm the presence and type of emergency and will ask people in the C-Store to leave the premises. The assistant outside will insure all refueling is stopped and then ask the customers around the pumps to leave the premises. All staff will lockdown the store and meet at the designated "Muster" Point.

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 attendant or manager will insure the C-Store is empty and that the emergency stop has been depressed and then he will make sure all staff are accounted for and meet at the designated "Muster" Point. The manager will be the key liaison person who will talk to the 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).

Once the nature of the emergency is established, the manager will call 9-1-1. In his absence the attendant will make the call and ask for Police & Fire Response. The C-store has a phone and the manager and attendants have cell phones.

Describe provisions for fire department entry when there are no operations or staffing at the propane site.

The site is not fenced so access to the site is available to Emergency Responders at all times. The tank is located at the side of the property. There are no barriers to the tank.

Describe how the licence holder will ensure continual flow of updated information to authorities.

The manager will be on site during working hours and will stay at the Muster Point until Emergency Responders arrive. Once they arrive he will identify himself as the main contact and then supply any required information needed to the Incident Commander (IC).

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

30 minutes

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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>56 m</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>	

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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	Yes	No
Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If not, please explain (e.g., no fire services).		
Fire services comments, if any:		
No Issues		
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 Brent Smith	Signature <i>Brent Smith</i>	Date (dd-mm-yyyy) 28-06-2014
Local Fire Services Name - Brian Smith, Fire Prevention Officer		

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Name of person completing this form (please print) Rajneet Gill	Official Title Owner	Date (dd-mm-yyyy) 18-06-2014
Signature <i>Rajneet Gill</i>	Telephone No. 416-419-9901	



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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	Yes	No
Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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 Brian Smith, Fire Prevention Officer		28-06-2014

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Rajneet Gill	Owner	
Signature	Telephone No.	Date (dd-mm-yyyy)
	416-419-9901	18-06-2014



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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) 13-06-2014	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: 19.2 m	Right side property line: 58.5 m
Rear: 22.2 m	Left side property line: 34.3 m
GPS coordinates of single largest vessel: Lat:43 22'45.97"N Long:80 19.8'42"W	

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) J. Ross Keys	Official Title Consultant	
Signature 	Telephone No. 416-526-1405	Date (dd-mm-yyyy) 18-06-2014



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

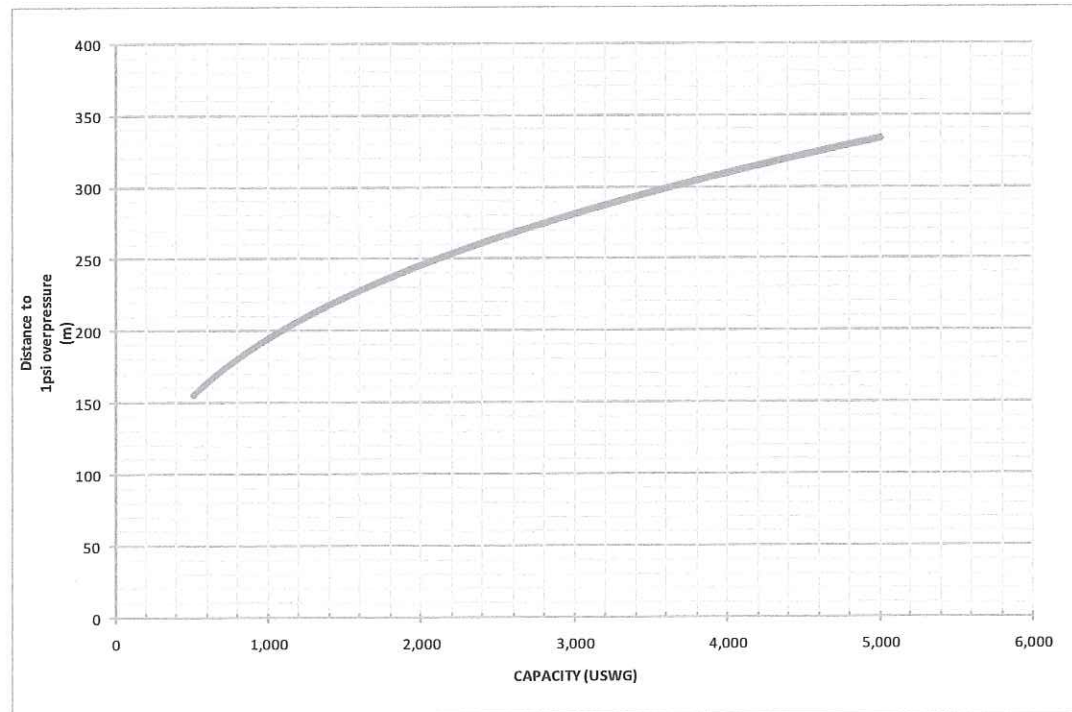
Table 1: Distance Table

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)





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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: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. [Redacted]				X	30 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Pita Hut</u> Address: <u>149 Hespeler Road</u> City: <u>Cambridge</u> Province <u>Ontario</u> Postal Code <u>N1R 3G9</u>			X		41 m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m

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

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Name of person completing this form (please print) <u>J. Ross Keys</u>	Official Title <u>Consultant</u>
Signature 	Telephone No. <u>416-526-1405</u> Date (dd-mm-yyyy) <u>18-06-2014</u>



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WORKSHEET

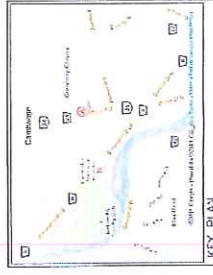
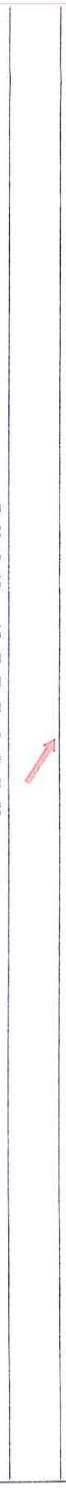
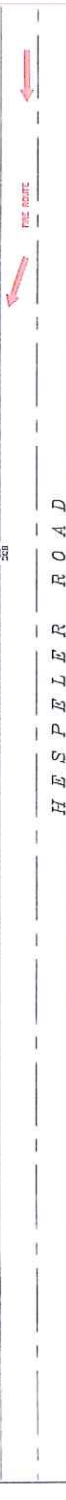
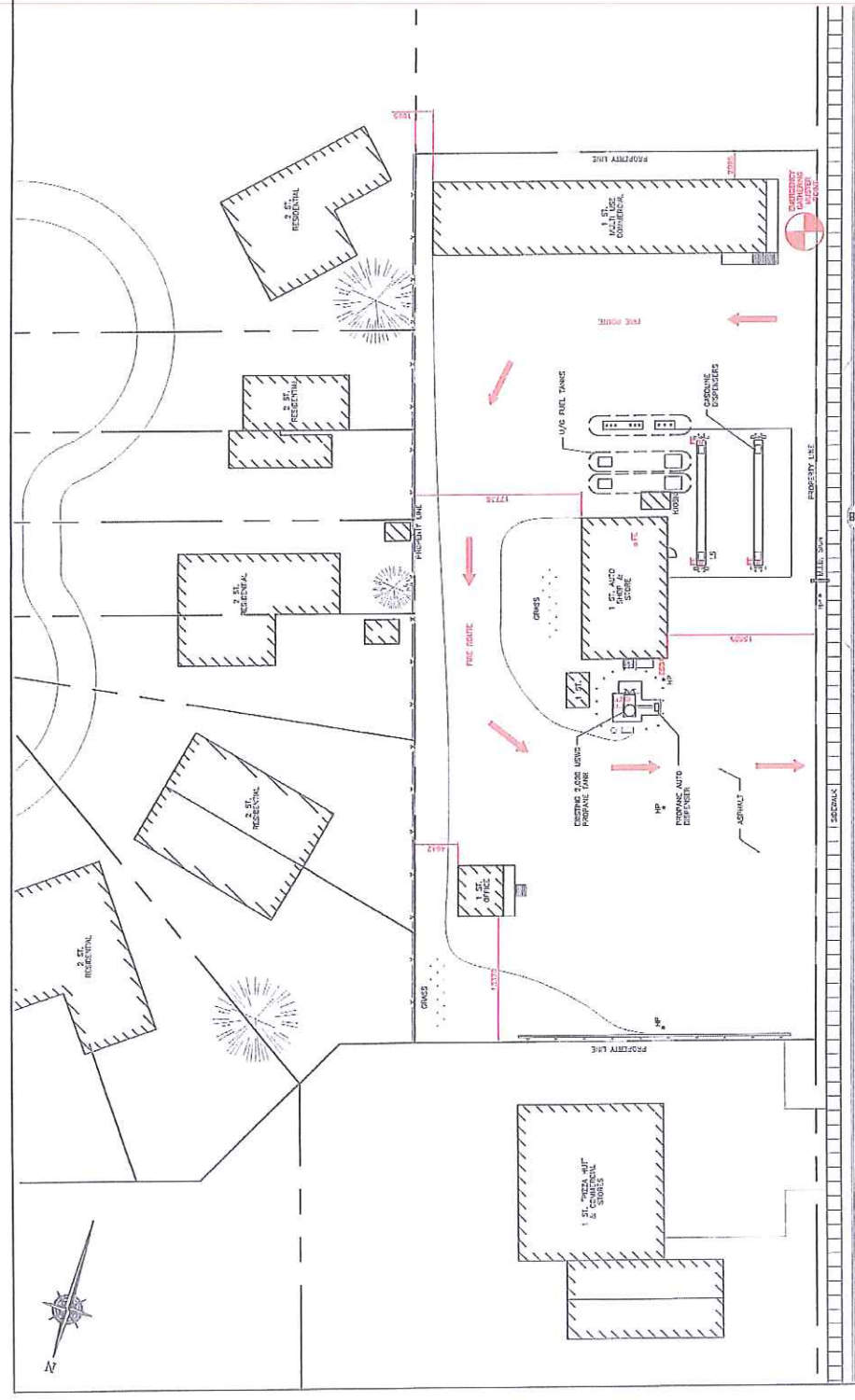
Portable Storage Additional Information Worksheet

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	24	139.2 USWG
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			139.20 USWG

Tanks Stored On-site Not Connected for Use

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

Total Cylinder Capacity	139.2 USWG
Total Tank Capacity	2000 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	2139.2 USWG



KEY TO ZONING
 City of Denver
 City of Denver Planning Department

ZONING INFORMATION:
 ZONING IS HUMAN COMMERCIAL, HC ZONE.
 LOT AREA: 4015sqm, 4525sqm,
 BUILDING AREA: 1132,
 AREA OF PROPOSED WORK: 151sqm,
 LOT COVERAGE OF PROPOSED WORK: 3.7%

NOTES:
 1. ONLY TO BE USED FOR CHANGES & ADD PROPOSED DETAILS

PROPERTY LINE DISTANCE	
NORTH	24.2m
SOUTH	18.2m
EAST	22.2m
WEST	18.2m

GPS COORDINATES	
NAD83	4015.12
Easting	621242.71
NAD83	4015.12

- LEGEND:**
- ⊙ FIRE EXTINGUISHER
 - ⊕ FIRE HYDRANT
 - ⊖ EXISTING SUB-STATION
 - ⊗ WATER POINT

DATE	DESCRIPTION	BY	NO.
12/1/2011	ISSUE FOR PERMITS	ALTEG	1
12/1/2011	REVISIONS	ALTEG	2

Diva Petroleum

ALTEG Inc.
 Alternative Energy Consulting

102 West Cerescent, Denver, Colorado 80202
 Phone: (303) 733-8888
 Fax: (303) 733-8888
 Email: info@alteng.com
 Website: www.alteng.com

PROJECT: 102 WEST CERESCENT, DENVER, COLORADO
 DRAWING NO.: P-101
 DATE: 12/1/2011

SCALE: AS SHOWN
 SHEET NO.: 113770D



KEY PLAN
SCALE: N.T.S.

NOTES:

CONSEQUENCE DISTANCE TO AN OVERPRESSURE LEVEL OF 1 psi BASED ON TNT-EQUIVALENCY METHOD, AS PER T.S.S.A. GUIDELINES FOR THE IMPLEMENTATION OF THE RISK AND SAFETY MANAGEMENT PLAN

$$D = 17 \times \left(0.1 \times W_p \times \frac{HC_f}{HC_{WT}} \right)^{1/3} = 246m$$

PROPERTY LINE SETBACKS	
NORTH	34.3m
SOUTH	58.5m
EAST	22.2m
WEST	19.2m

GPS COORDINATES	
LATITUDE	LONGITUDE
43°22'46.97"N	80°19'8.42"W

AS PER TSSA GUIDELINES FOR THE IMPLEMENTATION OF THE RISK AND SAFETY MANAGEMENT PLAN, THIS FACILITY ONLY REQUIRES A LEVEL 1 RSMF SUBMISSION.

PLANNING ADVISORY INFORMATION:

AS PER TSSA ADVISORY REQUIREMENTS, THE FOLLOWING PLANNING INFORMATION IS PROVIDED BELOW:
 THE CORPORATION OF THE CITY OF CAMBRIDGE
 50 DICKSON STREET, 3rd FLOOR,
 P.O. BOX 669
 CAMBRIDGE, ON. N1R 5W8
 ATTN: JANINE OOSTERVELD, MCIP, RPP
 PH# 519.740.4650 EXT: 4520

No.	Date	Description	By
1	JUN. 18, '14	OWNERSHIP CHANGE FOR RSMF	JRK
0	SEP. 08, '11	ISSUED FOR RSMF	JRK

TOP VALU

ALTENG Inc.
 Alternative Energy Consulting
 126 Holm Crescent, Thornhill, Ontario L3T 5J3
 Telephone: (905)764-1644 Fax: (905)764-5986

Project: 2418284 Ontario Inc. (o/a TRU VALU) 145 Heepier Road Cambridge, ON N1R-3G9	Drawn By: D.F. Checked By: J.R.K. Date: SEP 08, 2011
Drawing Title: BLAST RADIUS PLAN LAYOUT	Drawing Scale: 1:1000
Drawing Number: P-200	File Number: 11370D
	Drawing File: 11370D-P-200 Drawing Size: D Plotting Scale: 1=1