



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.

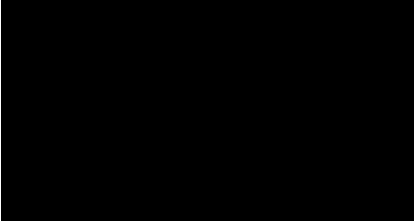
Failure to fully complete this form may result in rejection.
 Making a false statement may result in a fine or prosecution
 under the *Technical Standards and Safety Act*

Licence Number: 000076645079

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: Petro V Plus Ltd. Ontario Corporation No., if applicable: 2078909 Ontario Inc.

Operator Name (if different from above):

Telephone No. (416)746-7745 Fax No. (416)741-6610 E-mail: sajed@rogers.com

B Street No.: 2082 Street Name / 911 Number / Address, if applicable: Kipling Avenue

Town / City or Township / County: Toronto Province: Ontario Postal Code: M9W 4J9

Mailing address if different from above:

C Street No.: Street Name / 911 Number / Address, if applicable: Same as above

Town / City or Township / County: Province: Postal Code:

Information on Container Refill Centre or Filling Plant

D Location of facility:

Street No.: 2082 Street Name / 911 Number / Address, if applicable: Kipling Avenue Nearest Major Intersection: Kipling Ave/Racine Road

Town / City or Township / County: Toronto Province: Ontario Postal Code: M9W 4J9

Name of Licence Holder: Sajed Rahaman

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT): Sajed Rahaman ROT type: 100-01

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

Print name	Signature	Date (dd-mm-yyyy)
Name of Licence Holder: Sajed Rahaman		14-03-2012
Name of Senior Management person as defined in the Regulation holding the Record of Training: Sajed Rahaman		14-03-2012



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SECTION A: GENERAL INFORMATION (cont'd)

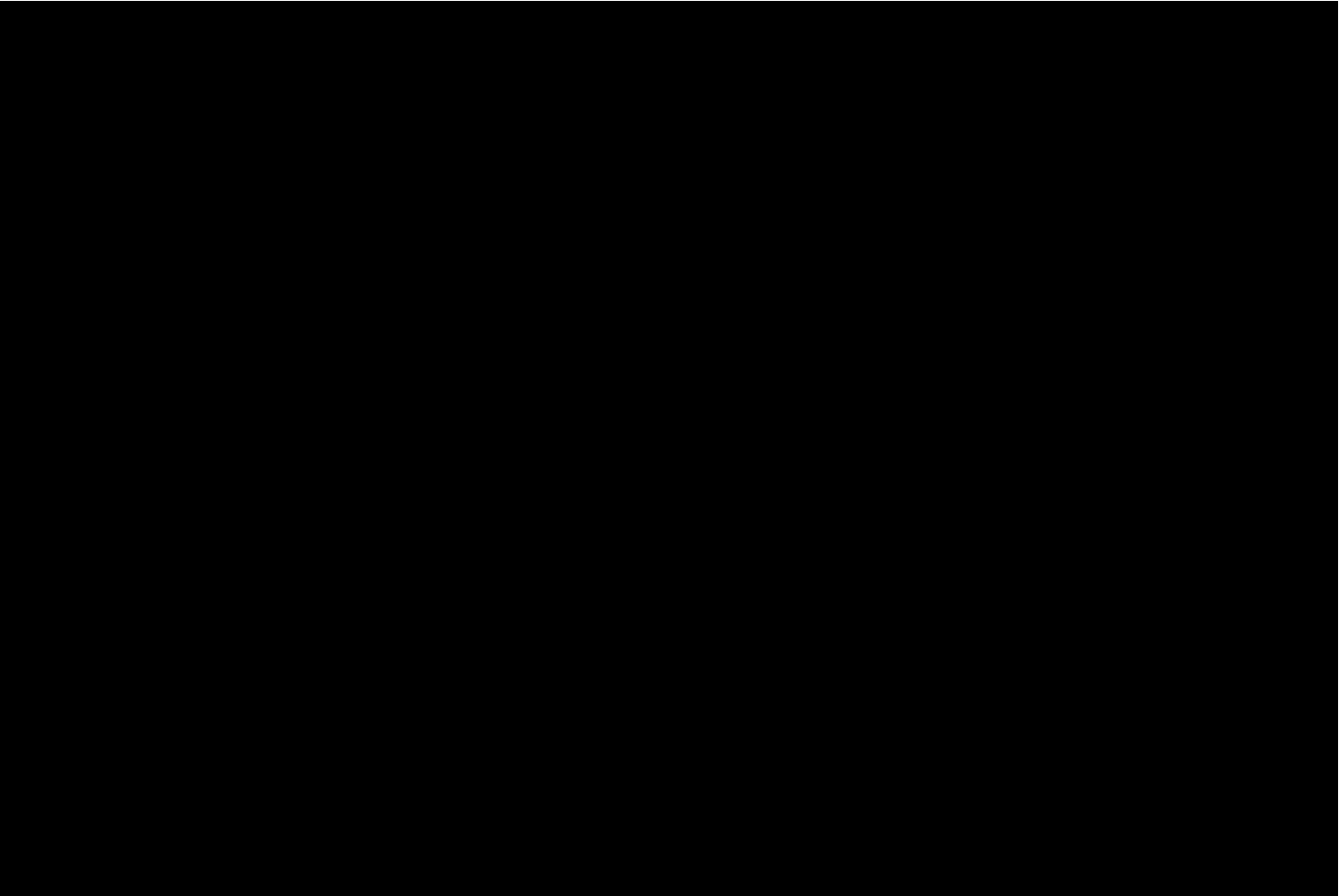
Indicate the year the facility was established. 1992 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.
no major changes to the site

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

	PSIG	Serial Number
Tank1:	<u>250 psig</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: 249.4 USWG Mobile: 0 USWG



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Name of person completing this form (please print) <u>Sajed Rahaman</u>	Official Title <u>Owner</u>	
Signature 	Telephone No. <u>416-746-7745</u>	Date (dd-mm-yyyy) <u>14-03-2012</u>



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s)		[Redacted]	
Econo Gas			
Street No.	Street Name / 911 Number / Address, if applicable		
22	Antares Drive Phase#2, Unit #7		
Town / City or Township / Country		Province	Postal Code
Nepean		Ontario	K2E 8A9
Telephone No.	Fax No.	Contact Name	
1-613-723-1253	1-613-723-2338	Sandy Singh	
E-mail			
sandy@econogas.ca			

Name of Propane Transporter. If same as above, please check box. <input type="checkbox"/>		[Redacted]	
Primemax Energy Inc.			
Street No.	Street Name / 911 Number / Address, if applicable		
2558	Cedar Creek Road RR#1		
Town / City or Township / Country		Province	Postal Code
AYR		Ontario	NOB 1E0
Telephone No.	Fax No.	Contact Name	
1-519-740-8209	1-519-740-1015	Mike Taylor	
E-mail			
primemax@primemaxenergy.com			

Off-site Cylinder and/or Mobile Storage	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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Name of person completing this form (please print)	Official Title	
Sajed Rahaman	Owner	
Signature	Telephone No.	Date (dd-mm-yyyy)
	416-746-7745	14-03-2012



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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.

The site has 1x2,000 USWG Horizontal propane tank, 1x20 lb cylinder for purging and 2 cylinder cages holding up to 42x20lb cylinders. Facility also has underground gasoline tanks 1x50,000 litre for Regular, 1x50,000 litre for Diesel and 1x25,000 litre for premium .All underground tanks are fiberglass double walled protected. There are no hazardous materials on site.

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

The facility is equipped with fire extinguishers. There is one located at the propane tank, two located at the gasoline islands and one located in the store. There is a remote Emergency Shut down(ESD)located at the tank which is clearly marked. The ESD kills power to the propane and stops the motor and closes the fuel supply solenoid valve to prevent product flow.


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 propane tank is equipped with a fusible link connected to a chain that will melt at 212 degrees F which will break the chain and the spring loaded ISC valve will close automatically shutting off the propane suction to the pump. There is an Emergency Shut Down (ESD) located at the tank. The ESD kills power to the propane and stops the motor and closes the fuel supply solenoid valve to prevent product flow. The site has 10 security cameras located at various locations ,which are monitored (recorded)24/7.

Maintenance and testing schedule for fire protection controls and devices.

The fire extinguishers are checked monthly and retested annually for proper operation. The propane equipment and ESD is inspected annually by a TSSA registered contractor. Copies of Inspection reports are keep on site.

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Signature 	Telephone No. 416-746-7745	Date (dd-mm-yyyy) 14-03-2012



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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 <u>Patras Masih</u>	For Office Use - Party No.	Name <u>Sajed Rahaman</u>	For Office Use - Party No.
Official Title <u>Manager</u>		Official Title <u>Owner</u>	
Telephone No. <u>416-746-7745</u>	Fax No. <u>416-741-6610</u>	Cell No. <u>416-839-2241</u>	Fax No. <u>416-741-6610</u>
E-mail <u>masih@rogers.com</u>		E-mail <u>sajed@rogers.com</u>	
Role and responsibilities in emergency <u>Ensures that all employees are trained to work with propane and enforces the site safety plan in response to emergencies. Will make 911 call.</u>		Role and responsibilities in emergency <u>Same as item 1</u>	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name <u>Shakive Rahaman</u>	For Office Use - Party No.	Name <u>Patras Masih</u>	For Office Use - Party No.
Official Title <u>Assistant Manager</u>		Official Title <u>Manager</u>	
Telephone No. <u>416-746-7745</u>	Fax No. <u>416-746-7745</u>	Telephone No. <u>416-746-7745</u>	Fax No. <u>416-741-6610</u>
E-mail <u>n/a</u>		E-mail <u>masih@rogers.com</u>	
Role and responsibilities in emergency <u>Will assist the key contact in emergencies and will assume responsibility for site liaison if key contact is away from site. Will make 911 call.</u>		Role and responsibilities in emergency <u>Same as item 1</u>	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name <u>Frank Lamie</u>	For Office Use - Party No.	Name <u>Sandy Singh</u>	For Office Use - Party No.
Official Title <u>Deputy Fire Chief</u>	E-mail <u>flamie@toronto.ca</u>	Official Title <u>General Manager</u>	E-mail <u>sandy@econogas.ca</u>
Telephone No. <u>416-338-9054</u>	Fax No. <u>416-338-9060</u>	Telephone No. <u>1-613-723-1253</u>	Fax No. <u>1-613-723-2338</u>
Role and responsibilities in emergency <u>Coordinates all Fire Prevention Officers activities and assigns the resources as required during emergencies.</u>		Role and responsibilities in emergency <u>Coordinates truck deliveries and would initiate the CPA Emergency Response Plan as required.</u>	
Fire Services Address <u>Toronto Fire Prevention, 4330 Dufferin Street, Toronto, Ontario M3H 5R9</u>		Propane Supplier Address <u>Econo Gas -22 Antares Drive Phase #2, Unit # 7, Nepean, Ontario K2E 8A9</u>	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name <u>Jim Stoops</u>	For Office Use - Party No.	Name <u>Joanne Battaglia</u>	
Official Title <u>Division Chief-Fire Prevention</u>	E-mail <u>jstoops@toronto.ca</u>	Official Title <u>Zoning Examiner, City of Toronto</u>	
Telephone No. <u>416-338-9102</u>	Fax No. <u>416-338-9060</u>	Telephone No. <u>416-395-7553</u>	Fax No. <u>416-395-7589</u>
Role and responsibilities in emergency <u>Alternative contact for the city when the Deputy Chief is away.</u>		E-mail <u>jbattaglia@toronto.ca</u>	
Fire Services Address <u>Toronto Fire Prevention, 4330 Dufferin Street, Toronto, Ontario M3H 5R9</u>		Municipality Name and Address <u>City of Toronto-5100 Yonge Street, Toronto, Ontario M2N 5V7</u>	

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Name of person completing this form (please print) <u>Sajed Rahaman</u>	Official Title <u>Owner</u>
Signature 	Telephone No. <u>416-746-7745</u>
	Date (dd-mm-yyyy) <u>14-03-2012</u>



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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.

Emergency Response Assistance Plan-available by contacting supplier.

The facility is built to the propane code requirements and does not have any extra features that are over and above the code. 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. Tank is in constant site of employees on the premises. Fire Equipment access is easy off of Kipling Avenue with a large area to manoeuvre trucks around. The site is monitored 24/7 by 10 security cameras.

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Signature 	Telephone No. 416-746-7745	



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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) 15-03-2011	Print Name of Training Provider: Primemax Energy Inc.
	Print Name of Instructor: Gary Froese
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) 15-03-2011	Print Name of Training Provider: Primemax Energy Inc.
	Print Name of Instructor: Gary Froese
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) 15-03-2011	Print Name of Training Provider: Primemax Energy Inc.
	Print Name of Instructor: Gary Froese
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) 30-04-2012	Print Name of Training Provider: Primemax Energy Inc.
	Print Name of Instructor: Gary Froese
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) 30-04-2012	Print Name of Training Provider: Primemax Energy Inc.
	Print Name of Instructor: Gary Froese
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) 15-03-2014	Print Name of Training Provider: Primemax Energy Inc.
	Print Name of Instructor: Gary Froese
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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	Date (dd-mm-yyyy) 14-03-2012



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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 attendant on site will notify the patrons at the propane facility that a problem has occurred after pressing the ESD switch and closing the ISC valve. The patrons will be asked to leave the site and the attendant will proceed to call 911 and ask for Fire Services and Police response. After the call is made, the attendant will proceed to notify any staff and proceed to the "Muster Point" on site. The attendant will notify the transmission shop as well as the Active Green&Ross location located on the property that a problem has occurred at the propane.

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).
After a warning is issued the attendant will block off the entrance/exits to the site. Once the area is free of customers, the staff will meet at the "Muster Point" and await the arrival of 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 an emergency situation is confirmed at the propane facility, the attendant will call 911 to ask for Fire and Police response. The attendant always carries a cell phone and also has access to a phone inside the c-store. A call will be made by any of the two means. After the call is made the attendant will await the arrival of the Emergency Responders.

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 always available to Emergency Responders from Kipling Avenue. The tank is located at the far end of the property and a fire hydrant is right out front of the property (on Kipling), so access is close to the tank. There are no barriers to the tank.

Describe how the licence holder will ensure continual flow of updated information to authorities.
The attendant will always be on site as the station is open 24/7. When Emergency Responders come to the site the attendant will identify themselves as the person who is responsible for the propane and will communicate directly with the Emergency Responders.

How long will it take the facility liaison person to respond to the site.
20 Minutes for the owner if not already on site.

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Signature	Telephone No. 416-746-7745	Date (dd-mm-yyyy) 14-03-2012



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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>75 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:		
CONCRETE BARRIERS INSTALLED ON EAST SIDE (STREET) OF PROPANE CYLINDER. WOULD LIMIT ANY VEHICLES ENTERING PROPERTY.		
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 Jim Stoops - Division Chief Fire Prevention SAM COLAVITA		11-03-2012 17/04/2012

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Name of person completing this form (please print) Sajed Rahaman	Official Title Owner	
Signature 	Telephone No. 416-746-7745	Date (dd-mm-yyyy) 23-03-2012



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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) 14-03-2012	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: 4.9 m	Right side property line: 42.5 m
Rear: 39.5 m	Left side property line: 6.6 m
GPS coordinates of single largest vessel: Lat: 43 42'55.20"N Long: 79 34'7.36"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) Ross Keys	Official Title Consultant
Signature 	Telephone No. 416-526-1405
	Date (dd-mm-yyyy) 14-03-2012



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

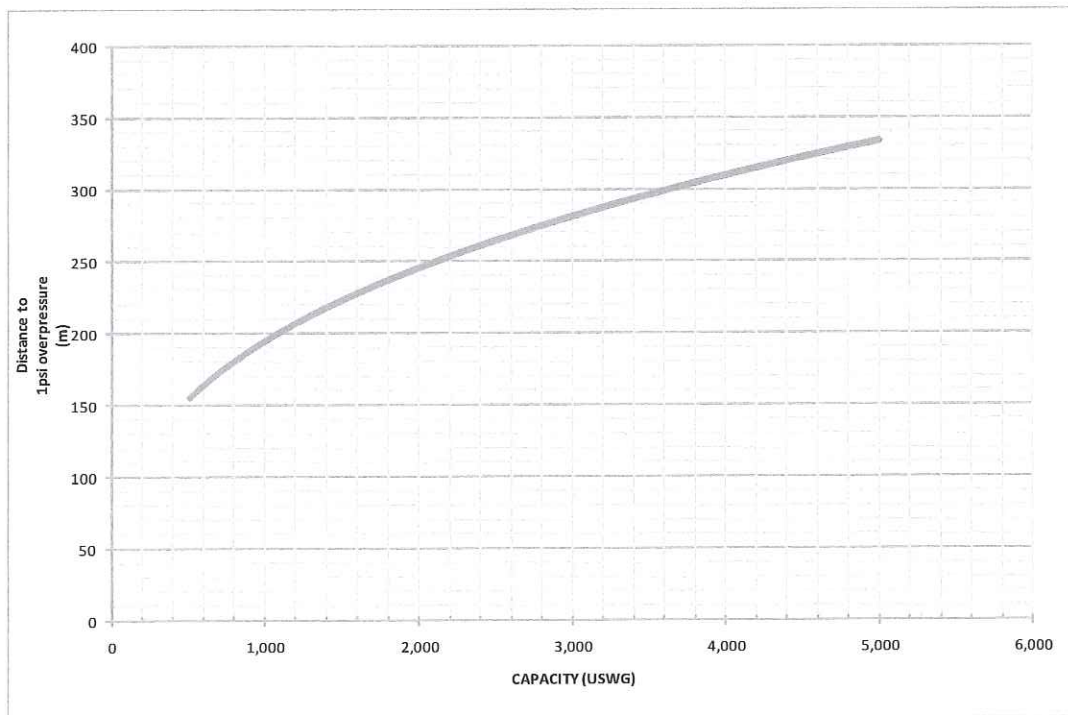
Table 1: Distance Table

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: <u>Lucvaa Kitchens</u> Address: <u>5 Racine Road</u> City: <u>Toronto</u> Province <u>Ontario</u> Postal Code _____	X				<u>42.5</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: _____ Address: _____ City: _____				X	<u>38.5</u> m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Active Green&Ross</u> Address: <u>2082 Kipling Avenue</u> City: <u>Toronto</u> Province <u>Ontario</u> Postal Code <u>M9W 4J9</u>			X		<u>22</u> 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: <u>Ummah Nabawiah Mosque</u> Address: <u>2074 Kipling Avenue</u> City: <u>Toronto</u> Province <u>Ontario</u> Postal Code _____		X			<u>23</u> 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>Ross Keys</u>	Official Title <u>Consultant</u>
Signature 	Telephone No. <u>416-526-1405</u>
	Date (dd-mm-yyyy) <u>14-03-2012</u>



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WORKSHEET

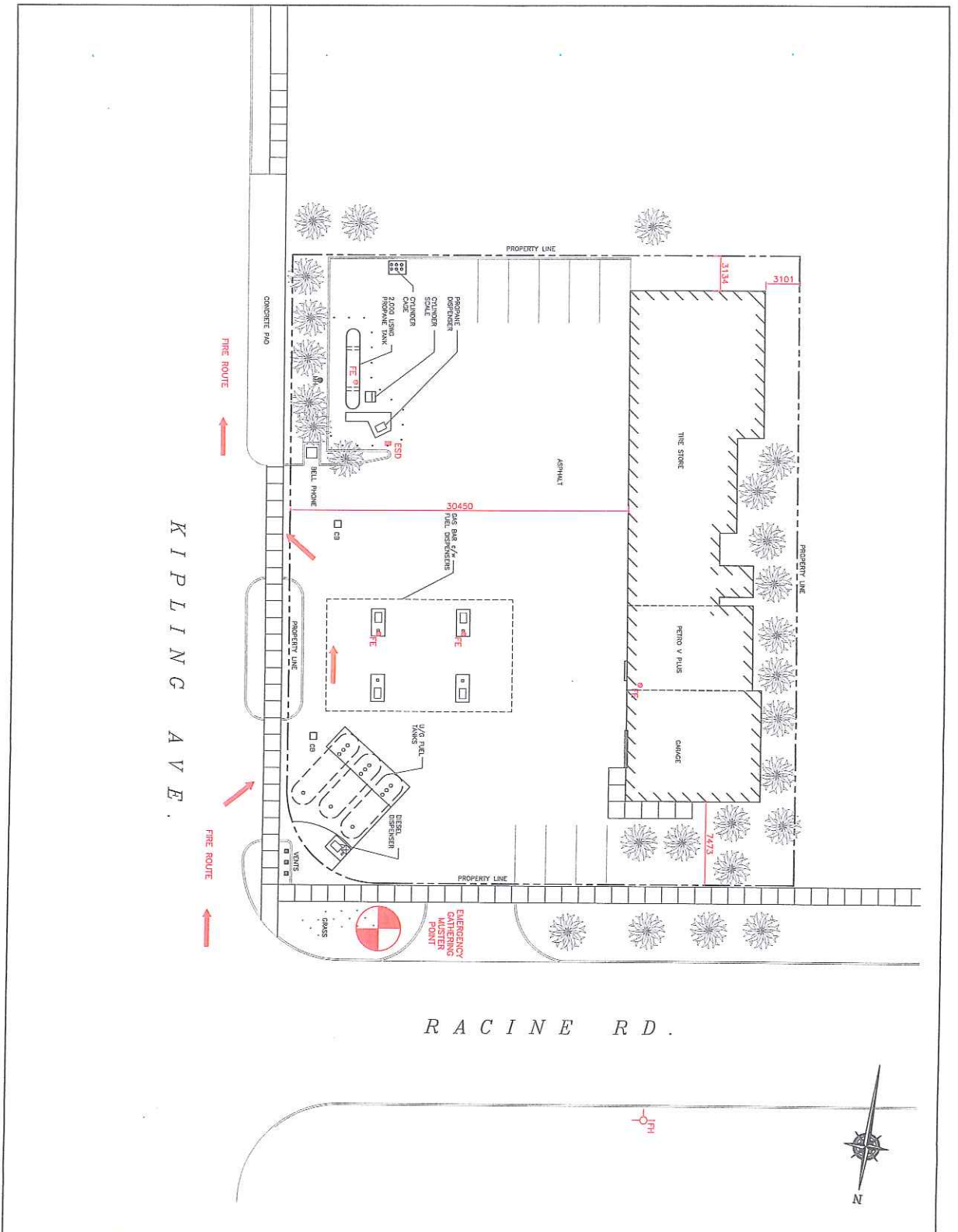
Portable Storage Additional Information Worksheet

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	43	249.4 USWG
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			249.4 USWG

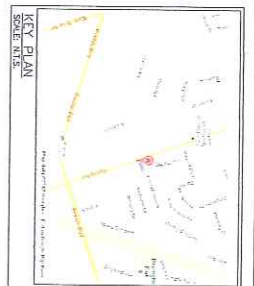
Tanks Stored On-site Not Connected for Use

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

Total Cylinder Capacity	249.4 USWG
Total Tank Capacity	2,000 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	2,249.4 USWG



RACINE RD.



NOTES:
 CONSEQUENCE ANALYSIS TO AN OVERPRESSURE LEVEL OF 1
 PSI BASED ON THE EMERGENCY METHOD AS PER T.S.S.A.
 SAFETY MANAGEMENT PLAN
 D = 17 * (0.1 * W * H) / Z
 = 216m

PROPERTY LINE SETBACKS

NORTH	42.5m
SOUTH	6.6m
EAST	4.5m
WEST	30.5m

GPS COORDINATES

LATITUDE	43°27'55.20" N
LONGITUDE	-78°34'28.28" W

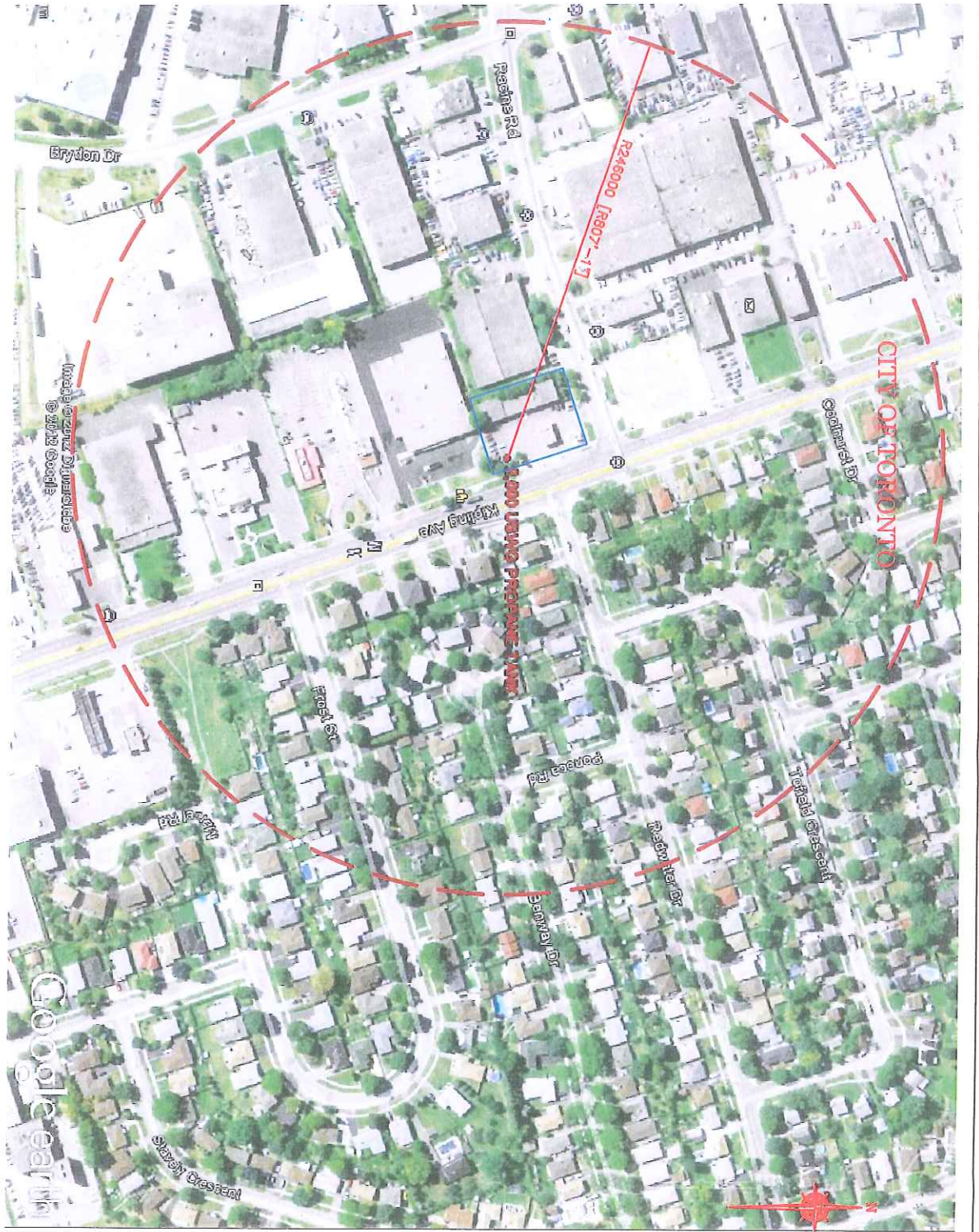
- LEGEND:**
- FE ● FIRE DISPENSER
 - ES30 ● EMERGENCY SHUT-DOWN
 - PH ○ FIRE HYDRANT
 - WATER POINT (DIRECTION BASED ON WIND DIRECTION)

No.	Date	Description	By
1	01/14/14	ISSUE FOR REVIEW	REVISIONS

Petro V Plus

ALTENG Inc.
 Alternative Energy Consulting
 1255 Hwy. Cassel, Normal, Ontario L3R 5Z2
 Telephone: (905) 758-1841

Drawn By: DLF
 Checked By: JLRK
 Date: MAY 10, 2012
 Drawing Title: HAZOP INFORMATION
 Drawing No.: 110302-P-101
 Project No.: 121300



CITY OF TORONTO

1,000 LITRE PROpane TANK



NOTES:

CONSULTANCE PROVIDED TO AN OVERSEAS CLIENT OF A CLIENT'S COMPANY FOR THE IMPLEMENTATION OF THE RISK AND SAFETY MANAGEMENT PLAN.

$$D = 17 \times (0.1 \times W + \frac{100}{1000})^{1/3} = 24.6m$$

PROPERTY LINE SETBACKS	North	South	East	West
	42.3m	6.6m	4.3m	35.5m

GPS COORDINATES	Latitude	Longitude
	43°42'55.20"N	-79°31'7.25"W

AS PER TSKA GUIDELINES FOR THE IMPLEMENTATION OF THE RISK AND SAFETY MANAGEMENT PLAN, THE FACILITY ONLY

PLANNING ADVISORY INFORMATION:

AS PER TSKA ADVISORY RECOMMENDATIONS, THE FOLLOWING PLANNING INFORMATION IS CITY OF TORONTO: 1. CIVIC CENTRE COURT, 1ST FLOOR TORONTO, ON. VIC 5A3 2. AME MR. TOM KEET 3. REG 4182942483

No.	Date	Description	By
0	June 16, 19	Issue for review	

Petro V Plus

ALTENG Inc. Alternative Energy Consulting

Telephone: (905) 751-1544 10000 Sheppard Ave. East, Toronto, Ontario M2L 1L7

Project: Petro V Plus 2002 Highway Ave. Unit 410 Toronto, ON M8N 4J8

Client: BUST BROS. LAMAR 1400 Information

File Number: 121300

Project Number: P-200

Risk & Safety Management Plan
For 2000 USWG Horizontal Propane Tank for
2078909 Ontario Inc. (o/a Petro-V-Plus)



Site: 2082 Kipling Avenue
Toronto, ON.
M9W 4J9

Prepared by: AltEng Inc.
Date: March 15, 2012

Revision 0

Revision Date: 15/03/2012