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	For Office Use Only
Checl	nce Number 76643016  k applicable type of propane operations.  V Cylinder V Motor Fill Filling Plant Card/Keyl  nit along with this completed application a Facility Site Plan and a Map of the Surrounding Area.	ock
	SECTION A: GENERAL IN	FORMATION
	e Undersigned applies to TSSA for a review for an RSMP under pane Storage and Handling Regulation.  Company Name	Ontario's Technical Standards and Safety Act,  Ontario Corporation No., if applicable
A	Vethanayagam Vigneswaran  Operator Name (if different from above) 2076626 Ontario Inc. O/A Codes Corner Convenience  Telephone No. Fax No. E-mail 613-547-8978 613-547-8978 None	
В	Street No. Street Name / 911 Number / Address, if applicable  1986 HWY 15 North, RR# 6  Town / City or Township / County	Province Postal Code
_	Kingston  Mailing address if different from above.  Street No. Street Name / 911 Number / Address, if applicable	On K7L 4V3
С	Same Town / City or Township / County	Province Postal Code On
Ini D	formation on Container Refill Centre or Filling Plant Location of facility. Street No. Street Name / 911 Number / Address, if applicable  1986 HWY 15, North RR#6  Town / City or Township / County  Kingston	Nearest Major Intersection  HWY 15 & 401  Province Postal Code  On K7L 4V3
]	Name of Licence Holder  Vethanayagam Vigneswaran  Name of a Senior Management person as defined in the regulation holding the Record of Trail  Vethanayagam Vigneswaran  Municipality (or municipalities if the facility or its hazard distance touches multiple borders)  City of Kingston	ning (ROT). ROT type PTI 100-1 Cert # 51459
	Hours of operation.	



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

S	ECTION A: GENERAL II	NFORMATION (cont'd)
Indicate the year the facility was established. 2005	Indicate the year of any significa	nt modifications, as defined in s.1, O.Reg 211/01, since establishment.
Identify the psig rating and serial number for	each fixed propane storage tank on	site.
PSIG	Serial Number	
Tank 1: 250	456-7	
Tank2:		
Tank3:		
Enter capacity of propane in USWG, fixed, po	ortable, and mobile, and provide de	tailed inventory that includes the number of tank/vessel for
each type (fixed, portable, and mobile) and the		
Fixed: 2000 USWG	Portable: 203.9 USWG	Mobile: 0

Name of person completing this form (please print)  Vethanayagam Vigneswaran	Official Title Owner / President	
Signature 1111	Telephone No.	Date (dd-mm-yyyy)
ablitum	613-547-8978	25/12/2012



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# 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 Activity Information							
Name of Propane Supplier(s)							
Superior Propane	- Regional	Operation Centre					
Street No.	Street N	lame / 911 Number / Address,	if applicable			-	***************************************
251	Woodlan	d Road East Unit 217					
Town / City or T Guelph	ownship /	Country			Province On		Postal Code N1H 8J1
Telephone No.		Fax No.	Contact Na	ame			
877-873-7467		519-836-7766	Bruce Graha	am			
E-mail							
grahamb@superio	orpropane.	com					
Name of Propar	ne Transp	orter. If same as above, ple	ease check bo	ox.			
Superior Propane							
Street No.		lame / 911 Number / Address,	if applicable				
686 A	Dundas S	Street West		and the second		-1900-1800-1800-1800-1800-1800-1800-1800	
Town / City or T	ownship /	Country			Province		Postal Code
Belleville				The second second second	On		K8N 4Z2
Telephone No.		Fax No.	Contact Na	ame			
613-920-339		519-836-7766	Shaun Moun	steven			*****
E-mail							
Shaun_Mounsteve	en@superi	orpropane.com				Maring and a second a second and a second an	
	4800			TO AND THE RESERVE OF THE PERSON OF THE PERS			
Off-site Cylinder	Off-site Cylinder and/or Mobile Storage Capacity stored off-site, in USWG For Office Use - Party No.			Party No.			
None	None						
Street No.	Street N	ame / 911 Number / Address,	if applicable			000000000000000000000000000000000000000	
Town / City or T	ownship /	Country			Province		Postal Code
Telephone No.		Fax No.	Contact Na	ime			-
Note: Customer st	torage is r	not considered off-site storag	e.		HAMM'S SHIP		

Name of person completing this form (please print) Vethanayagam Vigneswaran	Official Title Owner / President	
Signature	Telephone No. 613-547-8978	Date (dd-mm-yyyy) 25 12 2012



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## 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, it any.  Gasoline - 115,000 litre storage, - 2- underground tanks 1@ 50,000 litres 1@ 65,000 Litres
1 (3920) S 113,000 life storage, 2 directificante remove (8 anti-
Diesel - 30,000 litre storage, - 1 - underground Split tank
Motor Oil 50 litres
IV:O(O) OII 36 IRES
Description of fire and emergency equipment indicated on facility site map.  A-B-C Fire Extinguishers.
1- Located @ Propane Tank AND PERTABLE PROPANE STORAGE (24 CYLINDERS)
2 - Located at the gasoline/diesel pumps
2 - located in the store 1- located in the basement
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 - isolation valve between the tank and the downstream propane dispensing equipment.
2. Emergency Shut Off - at propane tank Located on post. This shuts down the pump and closes a solenoid valve upstream of hoses.
3. Power supply breaker inside the Store in basement. This cuts all power to the propane system - shuts down pump; closes solenoid valve.
4 - Camera Security 1 camera iccated on a post within 25 feet of the propane dispenser & cameras throughout the store
Maintenance and testing schedule for fire protection controls and devices.  Maintenance and testing is undertaken by Superior Propane according to Superior 's Maintenance Standards. Schedule for key equipment is:
1- Pumps - (pumps every 3 months; pump motor: check belts monthly; grease pump every 6 months).
2-1SC valve (test for closure every 6 months.
3- Storage tank Relief Valves - inspected every 2 years; replacement schedule as per provincial regulations.

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)  Vethanayagam Vigneswaran	Official Title Owner / President		
Signature WWW.	Telephone No. 613-547-8978	Date (dd-mm-yyyy) 25/12/2012	

FS 09195 (11/10) Page 4 of 15



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

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

1. Contacts for Emergency Response

1. Facility Contact Personnel - Key Contact		5. Facility 24-Hour Contact Person		
Name Vethanayagam Vigneswaran	For Office Use - Party No.	Name Vethanayagam Vigлeswaran	For Office Use - Party No.	
Official Title Owner / President	-	Official Title Owner / President		
Telephone No.         Fax No.           613-547-8978         613-547-8	978	Cell No.         Fax No.           613-484-8425         613-547-8978		
E-mail cinthu@yahoo.ca		E-mail cinthu@yahoo.ca		
Role and responsibilities in emergency		Role and responsibilities in emergency		
Co-ordinate site response plan (ERP)		Co-ordinate site response plan (ERP)		
2. Facility Contact Personnel - Alternate Con	ntact	6. Name of Facility Manager		
Name Chinthiya Vigneswaran	For Office Use - Party No.	Name Janet Hebert	For Office Use - Party No.	
Official Title Partner		Official Title Manager		
Telephone No. 613-484-8425 Fax No. 613-547-8	978	Telephone No. 613-583-8978 Fax No. 613-547-8978		
E-mail cinthu@yahoo.ca		E-mail jchebert@yahoo.ca		
Role and responsibilities in emergency		Role and responsibilities in emergency		
Co-ordinate site response plan (ERP)		Co-ordinate site response plan (ERP)		
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person		
Name Harold Tulk	For Office Use - Party No.	Name Superior Propane Hot Line	For Office Use - Party No.	
Official Title Fire Chief		Official Title		
Telephone No. 613-548-4001 x5204 Fax No. 613-384-52	233	Telephone No. 877-873-7467 Fax No. N/A	15	
E-mail htulk@cityofkingston.ca		E-mail n/a		
Role and responsibilities in emergency		Role and responsibilities in emergency		
Coordiante Emergency Response / advise on Fire S	Service	Identify and dispatch Superior Propane and or LPERGO personal as required	emergency response	
Response. Liaise with police services.  4. Local Fire Services - Alternate Contact		8. Municipal Contact		
Name Paul Patry	For Office Use - Party No.	Name John Bolognone	No.	
Official Title Fire Inspector		Official Title City Clerk		
Telephone No. 613-548-4001 x 5127 Fax No. 613-389-12	225	Telephone No.         Fax No.           613-546-4291 x 1247         613-546-5232		
E-mail ppatry@cityofkingston.ca		E-mail jblolghone@cityofkingston.ca		
Role and responsibilities in emergency	auro del e ocalino	Municipality		
Coordinate Emergency Response / adivse on Fire F contact is not available and liaise with police service		City of Kingston		

Name of person completing this form (please print) Vethanayagam Vigneswaran	Official Title Owner / President		
Signature WWW	Telephone No. 613-547-8978	Date (dd-mm-yyyy) 2:5/12/2-012	
Jan Ir.	010 041 0010	1 (,-   :	



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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.  E-stop located @ the dispenser area to cut the electrical in the event of an emergency, shutting the power of to the solenoid stopping the flow of propane.
Camera Security 1 camera located on post within 25 feet of the propane dispenser & Cameras through the facility.
Canadian National Rail (CNR) line in the event of an emergency (Call CN Police 1-800-465-9239) in order to stop all trains passing through.

Name of person completing this form (please print) Vethanayagam Vigneswaran	Official Title Owner / President		
Signature	Telephone No. Date (dd-mm-yyyy) 613-547-8978 25/12/2012	_	
// VVV   1-	013-347-8976		



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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 Res	ponse Plan and Procedures provided to facility key contacts.		
Training Date (dd-mm-yyyy)	Print Name of Training Provider:		
None	Print Name of Instructor:		
Training Date (dd-mm-yyyy)	Print Name of Training Provider.		
7	Print Name of Instructor:		
Training Date (dd-mm-yyyy)	Print Name of Training Provider:		
9000 V	Print Name of Instructor:		
Training on the facility's Em	ergency Management Procedures provided to staff.		
Training Date (dd-mm-yyyy)	Print Name of Training Provider:		
None	Print Name of Instructor:		
Training Date (dd-mm-yyyy)	Print Name of Training Provider:		
A Marian Commission (Commission Commission C	Print Name of Instructor:		
Training Date (dd-mm-yyyy)	Print Name of Training Provider:		
	Print Name of Instructor:		
On-site specific training pro	ovided to certificate holders / persons with Records of Training.		
Training Date (dd-mm-yyyy)	Print Name of Training Provider: FSN Training & Development Inc. Please Note - a ROT is valid for 3 years		
15-11-2011	Print Name of Instructor: Leo Alkenbreck Cert # T111		
Training Date (dd-mm-yyyy)	Print Name of Training Provider: FSN TRAINING V DEVELOPEMENT INC.		
11/04/2012	Print Name of Training Provider: FSN TRAINING V DEVELOPEMENT INC.  Print Name of Instructor: LEO ALKENBRACK CERT # TIII		
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)	Official Title				
Vethanayagam Vigneswaran	Owner / President	Owner / President			
	Telephone No.	Date (cd-mm-yyyy)			
Signature	613-547-8978	25/12/2012			

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14th Floor - Centre Tower 3300 Bloor Street West Toronto Ontario M8X 2X4 Level 1 Risk and Safety Management Plan (RSMP) Technical Standards and Safety Act Propane Storage and Handling Regulation

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

4. Emergency Training Plan for Coming Year

Training on Emergency Re	sponse Plan and Procedures provided to facility key contact	
Target Date (dd-mm-yyyy)	Print Name of Training Provider: Superior Propane or Altern	
Q1-2012	Print Name of Instructor: to be arranged	is currently developed the course PTI 911-02
Target Date (dd-mm-yyyy)	Print Name of Training Provider:	content and it and its provider is available to be
	Print Name of Instructor:	taught in the first quarter of 2012.
Target Date (dd-mm-yyyy)	Print Name of Training Provider:	
	Print Name of Instructor:	
Training on the facility's En	nergency Management Procedures provided to staff.	
Target Date (dd-mm-yyyy)	Print Name of Training Provider: Key Contact to train staff	
Q1-2012	Print Name of Instructor: to be arranged	
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 pr	ovided to certificate holders / persons with Records of Traini	ng.
Target Date (dd-mm-yyyy)	Print Name of Training Provider: FSN Training & Developm	0.071
q4-2012	Print Name of Instructor: Leo Alkenbrack cert # T111	Note: To call training provider if any training is required
Target Date (dd-mm-yyyy)	Print Name of Training Provider:	in 2012
<del>a</del>	Print Name of Instructor:	
Target Date (dd-mm-yyyy)	Print Name of Training Provider:	
100 March - 100 March 100	Print Name of Instructor:	

Name of person completing this form (please print)  Vethanayagam Vigneswaran	Official Title Owner / President			
Signature NN Assista	Telephone No.	Date (dd-mm-yyyy)		
MAN MINNS	613-547-8978	25/12/2012		



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# 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.

Emergency Response Communications Plan

Warning	as and	Actio	ons
---------	--------	-------	-----

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate).

The operator or alternate will contact emergency services by calling 911 and will provide warnings outlined in the attached: "Propane Emergency Response

Procedures" placard (to be posted on site and part of the 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.

Call CNR Police in the event of an emergency 1-800-465-9239 (So all trains that are passing through can be stopped)

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 loperator or alternate should first follow the actions in the ERP provided herein. Stage evacuation, if the release of propane cannot be stopped

by cutting electrical power may be required. Note a specific muster point is not advisable, since a propane plume can blow in any direction.

Actions will be taken by an on duty ROT person(s)

Communication w	ith l	Emergency	Response	<b>Authorities</b>
-----------------	-------	-----------	----------	--------------------

Describe when and how the licence holder will give early warning to emergency response authorities (including a process to ensure that a call is placed to 911).

When the system is operational, a ROT person will be on duty and be in the propane tank area. This person will be able to visually ascertain any abnormal/ accident event and implement the appropriate emergency response actions. When the system is not in operation, the ISC valve (main isolation valve) is closed, and the propane system is unattended. Any accident 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 area that is easily accessible.

The 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 (a) how to shut the system down and (b) the fill level in the tank (if known)

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

This information will be provided to the authorities by Vethanayagam Vigneswaran or alternate.

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

Key Contact: - 4 minutes to arrive at the facility in the event of an emergency (lives right next to the Business)

Name of person completing this form (please print)  Vethanayagam Vigneswaran	Official Title Owner / President			
Signature	Telephone No. 613-547-8978	Date (dd-mm-yyyy) 25   12   2012		



#### Technical Standards and Safety Authority Fax: 416.231.4903 www.tssa.org

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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 Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)? Is there adequate night lighting at the site? 2. Are procedures in place that ensure access routes, aisles, storage area, filling areas 3. and the grounds are kept clear from unwanted materials? 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? Does the facility have procedures that include a process to isolate and purge any overfilled propane cylinders? Are weighing systems validated for accuracy? Are storage areas clearly marked with the vessels' capacity status (i.e., filled, empty, purged and other hazardous materials)? Are quality assurance procedures in place to ensure that all valves are closed after the propane cylinders are filled?(e.g., QCC valves) Is the schedule of maintenance and testing activities retained on site? 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. No Yes Is a pressurized water system available at the propane facility site? 1. Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location? What is the unobstructed distance to the closest water supply that could be used for 2000 m fire hydrant firefighting activities? (distance in metres only) What is the unobstructed distance to the closest approved water supply with year Rideau Lake 2000m round access if there are no hydrants? (distance in metres only) 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. Official Title

Owner / President

Date (dd-mm-yyyy)

25/12/2012

Telephone No.

613-547-8978

FS 09195 (11/10) Page 10 of 15

Signature

Vethanayagam Vigneswaran

Name of person completing this form (please print)

From:
Sent:
To:

Subject: TSSA Level 1 RSMP - Fire Services Review - Codes Corners Convenience - 1986 Hwy 15 N. Kingston, ON

Attachments: TSSA Level 1 RSMP - SIGNED COPY - Codes Corners.pdf; Appendix Section B Codes Corner Convenience.docx; Aerial Map - Codes Corners.pdf; Site Plan - Codes Corners.pdf; RSMP Cover Page - Codes Corners.doc; MSDS - Propane.pdf; MSDS - Gasoline.pdf; ROT Compton.pdf; ROT (old) & Facility License - Codes Corner Convenience.pdf; SP Propane Dispenser Operating Procedures.PDF; SP Propane Emergency Response Placard.pdf

# Dear Inspector Patry:

Cc:

Please find attached the Level 1 Risk & Safety Management Plan for Codes Corners Convenience. FSN has assisted in developing the plan on behalf of the Codes and Superior Propane, their propane supplier.

Per TSSA's requirement we are asking for your review and comment on the document. We have sent it to your in several files to make it easier to download and review. Once you have had a chance to review the content please let us know if there are any changes or additions required.

# More specifically,

- 1. Could you please review pages 4-11 of Section B-Emergency & Preparedness Response Plan in the TSSA document and forward any recommendations or changes to me
- 2. Sign page 11 and return a copy to me.

# Key Documents (Please Review these)

- TSSA Level 1 RSMP form signed copy (15 pages)
- Appendix Section B details supporting the answers on page 10 of the TSSA form (1 page)
- Aerial Map (1 Page)
- Site Plan (1 page)

# Additional Information (For your Info)

- RSMP Cover Page should you wish to print the document
- MSDS for Propane
- MSDS for Gasoline
- Record of Training (ROT)
- Facility License
- Superior Propane Dispenser Operating Procedures
- Superior Propane Emergency Response Placard

We appreciate your co-operation and if you have any questions please feel free to contact me by phone or email. Thank you.

Dave Kennedy

FSN Training & Development Inc.

14 Forestview Trail

Newmarket, ON L3Y 4W1

Fax: 905-642-8578

www.fsntraining.com



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

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

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

8. Licence holder and local Fire Services Review

To be completed by the Local Fire Services
Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?

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.

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) Vethanayagam Vigneswaran	Official Title Owner / President	
Signature WWW	Telephone No. 613-547-8978	Date (dd-mm-yyyy) 25   52   2012

Local Fire Services Name



#### Technical Standards and Safety Authority www.tssa.org

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# 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:

- The storage location of fixed, portable, and mobile vessels.
- The maximum volume, types and storage location of hazardous materials. 2
- Location of permanent structures on site.
- Access and egress points and location of barriers.
- 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.
- 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.
- 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)  02-02-2012  Capacity of s 2000 USWG		Capacity of single largest propane 2000 USWG	storagevessel (USWG)
Tank setback coordinates. Front:		ent on the map.  Right side property line:	2.2 m
	63.5 m	Left side property line:	9.6 m
GPS coordinates of single		44.2993 -76.4224	

Name of person completing this form (please print)  Vethanayagam Vigneswaran	Official Title Owner / President	
	Telephone No.	Date (dd-mm-yyyy)
Signature	613-547-8978	25/12/2012



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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 x (1.524 x C) 1/3

D = Distance to overpressure of 1 psi (meters)

C= Tank Total Capacity in USWG

Parameters:

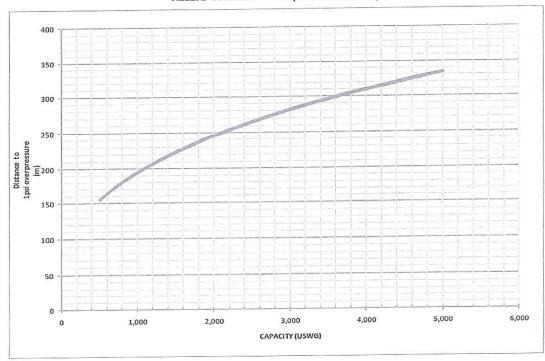
Density of Propane is 0.5033 kg per litre @ 15 C

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)



Name of person completing this form (please print) Vethanayagam Vigneswaran	Official Title Owner / President	
	Telephone No.	Date (dd-mm-yyyy)
Signature	613-547-8978	25/02/2012



Technical 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			mber of and Fe ark with	Distance from Tank to Closest Building or Feature		
Industrial Name: Address: City:		Postal Code K7L 4V3			х		<u>56</u> m
Residenti Name: Address: City:	al building units specifically permanent single family dwelli	ings, condominiums, and apartments.				х	16.8 m
Commerce Name: Address: City:	ial building units specifically retail, restaurants, entertainme Coffee Shop  1986 HWY 15 N RR# 6  Kingston Province On			х	0		28 m
Name:	ial building units – continuous occupancy specifically hotels None Province		x				0 m
	institutions specifically hospitals, schools and day cares, nus, and prisons.  Meadow Crest Community Day Care / Hol  306 Kingston Mills Road RR# 6 / 370  Kingston Province	ly Name Catholic School ) Kingston Mills Road RR# 6			x		140 m
Emergend Name: Address: City:	ey responders specifically fire stations, ambulance stations, a None  Province	*	Х				o m

Name of person completing this form (please print)	Official Title	
Vethanayagam Vigneswaran	Owner / President	
Signature	Telephone No.	Date (dd-mm-yyyy)
WOW I WAY	613-547-8978	25/02/2012

<sup>\*</sup> For multi-unit buildings, count each unit as "1".



14th Floor - Centre Tower 3300 Bloor Street West Toronto Ontario M8X 2X4 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

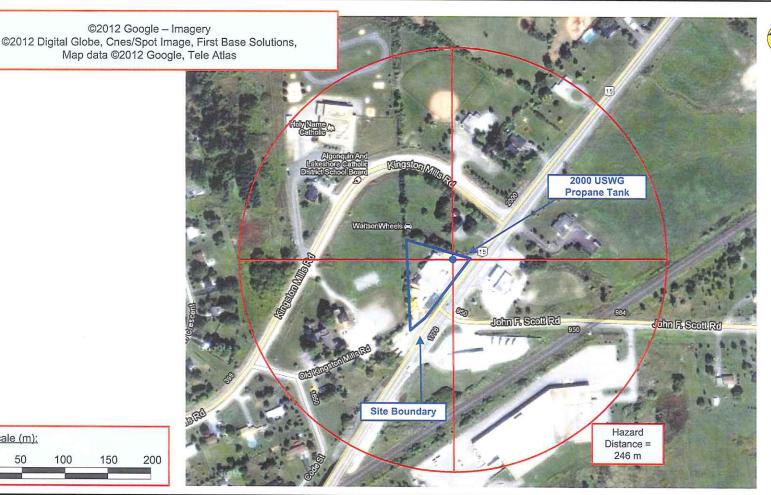
Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9	0	0
# 100	29.5	1	29.5
# 40	11.75	0	0
# 33.3	9.62	0	0
# 30	8.8	4	35.2
# 20	5.8	24	139.2
# 10	2.9	0	0
# 5	1.5	0	0

#### Tanks Stored On-site Not Connected for Use

Quantity	Total Volume in USWG
0	0
	Quantity

Total Cylinder Capacity	203.9 USWG	
Total Tank Capacity	2000 USWG	
Total Portable Capacity	203.9 USWG	

ne of person completing this form (please print)  anayagam Vigneswaran  Official Title  Owner / President		Official Title	
Signature WWW 5	Telephone No. 613-547-8978	Date (dd-mm-yyyy) 25[02]2012	



Scale (m): 100 150 200

Setback Distances North: 2.2 m East: 6.0 m

South: 9.6 m West: 63.5 m

## Capacity of Propane Storage Tank:

Capacity of Propane Storage Tank = 2000 USWG

#### GPS Co-ordinates of Propane Storage Tank:

GPS Co-ordinates = 44.2993, -76.4224

#### Circular 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 Kingston

#### Municipal Contact:

John Bolognone City Clerk, City of Kingston 216 Ontario Street, Kingston, ON K7L 2Z3 Tel: 613-546-4291 Fax: 613-546-5232 email: jblolgnone@cityofkingston.ca

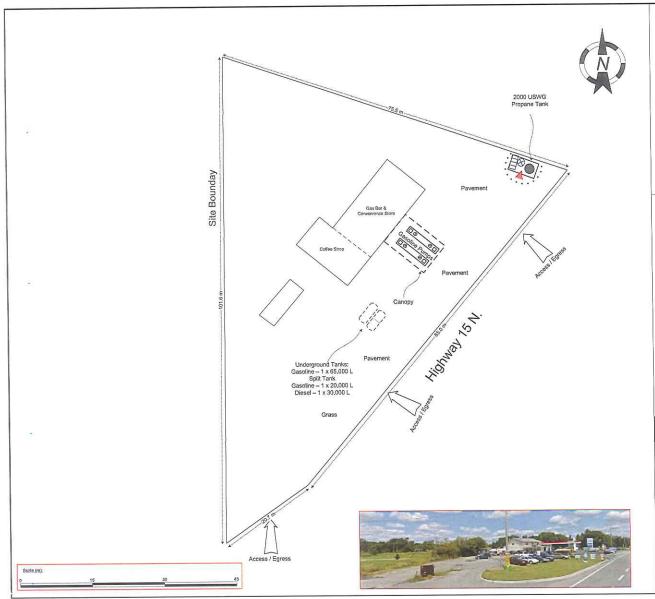
# **Map of Surrounding Area**

Codes Corners Convenience Store 1986 Hwy. 15 N., Kingston, ON K7L 4V3

Legal Description CON 4 PT LOT 41 REG 1.00AC 277.61FR 156.91D

Drawn by: L. Wills

Date: February 2, 2012





#### Notes:

1. Tank distances to property lines:

Property Line Setbacks	Distance
North	2.2 m
South	9.6 m
East	6.0 m
West	63.5 m

2. Fire Extinguisher



Egress/Fire Access Route:
 Egress/access points all along Highway 15 N.

4. E-Stop



5. Propane Cylinder Storage Area

#### ш

### **FSN Training & Development**

#### Site Plan

Codes Corners Convenience Store 1986 Hwy. 15 N., Kingston, ON K7L 4V3

#### Legal Description

CON 4 PT LOT 41 REG 1.00AC 277.61FR 156.91D

Drawn by	r: L. Wills	Checked by:	
Date: Fe	bruary 2, 2012	Rev 0	