





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 Services: 1.877.682.8772

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

**SECTION A: GENERAL INFORMATION (cont'd)**

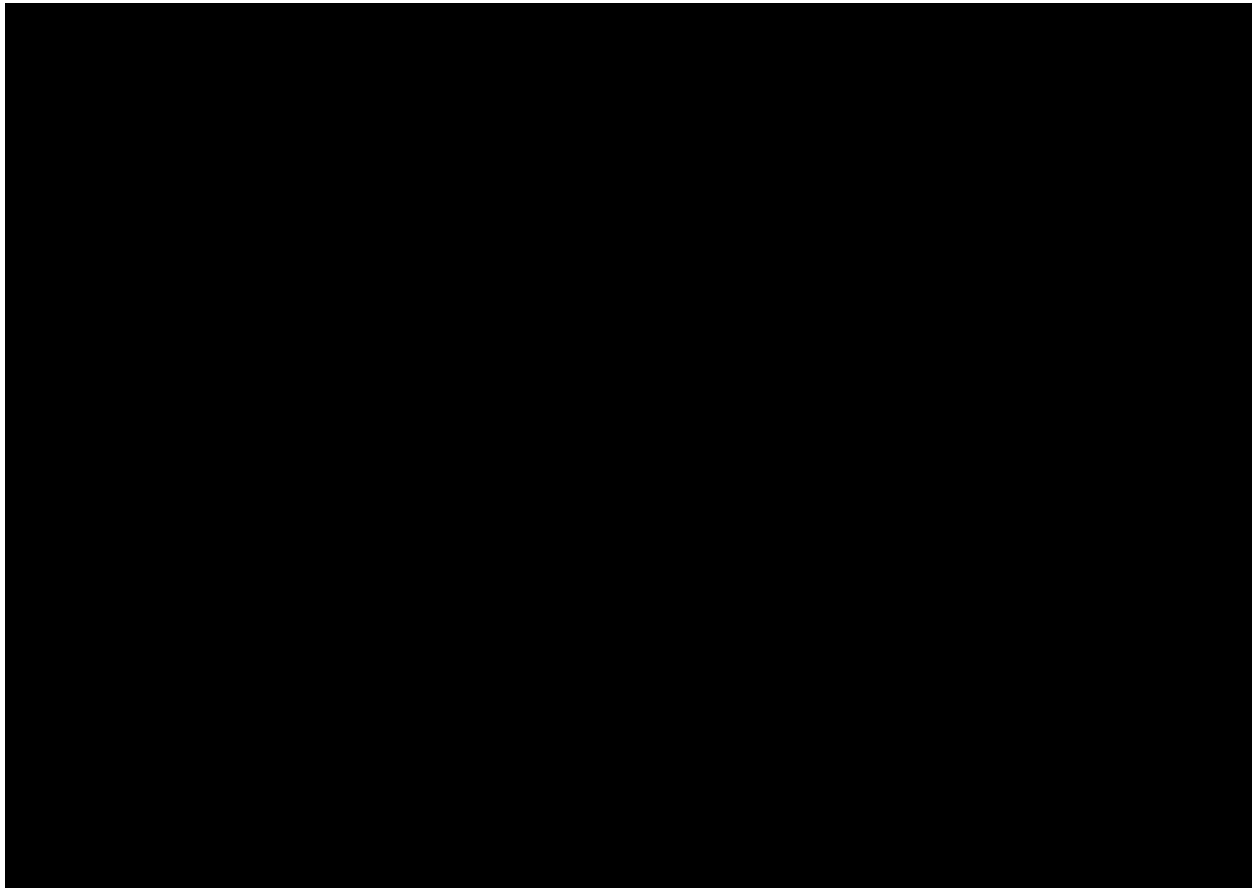
Indicate the year the facility was established. 1989	Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. 2001
---	---

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

	PSIG	Serial Number
Tank 1:	250	20D8135
Tank 2:		
Tank 3:		

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

Fixed: 1000 USWG      Portable: 180.2      Mobile: 0



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

Name of person completing this form (please print) Ranbir S. Kailon	Official Title Owner/operator
Signature 	Telephone No. 613-279-2827
	Date (dd-mm-yyyy) 26/OCT/11



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**SECTION A: GENERAL INFORMATION (cont'd)**

Activity Information

Name of Propane Supplier(s) Superior Propane - Regional Operation Centre		For Office Use - Party No. [Redacted]	
Street No. 251	Street Name / 911 Number / Address, if applicable Woodland Road East Unit 217		
Town / City or Township / Country Guelph		Province On	Postal Code N1H 8J1
Telephone No. 877-873-7467	Fax No. 519-836-7766	Contact Name Mike Mullins	
E-mail mullinsm@superiorpropane.com			

Name of Propane Transporter. If same as above, please check box. <input type="checkbox"/>		For Office Use - Party No. [Redacted]	
Superior Propane			
Street No. 686 A	Street Name / 911 Number / Address, if applicable Dundas Street West		
Town / City or Township / Country Belleville		Province On	Postal Code K8N 4Z2
Telephone No. 613-920-1339	Fax No. 519-836-7766	Contact Name Jeff Easton	
E-mail eastonj@superiorpropane.com			

Off-site Cylinder and/or Mobile Storage None	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.

Regular Gasoline - 70,400 litre storage, - 4 - underground tanks

Diesel - 25,000 litre storage, - 1 - underground tank

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

A-B-C (Flag) Fire Extinguishers

1 - ABC PKD-20-G located at the Propane Dispenser

2 - ABC -10-G located under Canopy @ gas pumps

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. *Melts if Fire Linking down Propane*
- 2- Power supply breaker @ panel inside the store (electrical room). This cuts all power to the propane system - shuts electrical to dispenser
- 3- Veedar - Roof plus TLS - 350 Gas Detection in store. Probes under pumps & sumps

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- ISC valve (test for closure every 6 months).

3- Storage tank Relief Valves - inspected every 2 years; replacement schedule as per provincial regulations.

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

**1. Contacts for Emergency Response**

<b>1. Facility Contact Personnel - Key Contact</b>		<b>5. Facility 24-Hour Contact Person</b>	
Name Ranbir S. Kaillon	For Office Use - Party No.	Name Ranbir S. Kaillon	For Office Use - Party No.
Official Title Owner/Operator		Official Title Owner/Operator	
Telephone No. 613-279-2827 / 4001	Fax No. 613-279-2827	Cell No. 613-279-2827 / 4001	Fax No. 613-279-2827
E-mail None		E-mail None	
Role and responsibilities in emergency Co-ordinate site response plan (ERP)		Role and responsibilities in emergency Co-ordinate site response plan (ERP)	
<b>2. Facility Contact Personnel - Alternate Contact</b>		<b>6. Name of Facility Manager</b>	
Name R. K. Kaillon	For Office Use - Party No.	Name Ranbir S. Kaillon	For Office Use - Party No.
Official Title Owner/Operator		Official Title Owner/Operator	
Telephone No. 613-279-2827 / 4001	Fax No. 613-279-2827	Telephone No. 613-279-2827 / 4001	Fax No. 613-279-2827
E-mail None		E-mail None	
Role and responsibilities in emergency Co-ordinate site response plan (ERP)		Role and responsibilities in emergency Co-ordinate site response plan (ERP)	
<b>3. Local Fire Services - Key Contact</b>		<b>7. Propane Supplier Key Contact Person</b>	
Name Mark MacDonald	For Office Use - Party No.	Name Superior Propane Ho Line	For Office Use - Party No.
Official Title Fire Chief		Official Title	
Telephone No. 613-279-2935 x 441	Fax No. 613-279-2422	Telephone No. 877-873-7467	Fax No. N/A
E-mail mark@centralfrontenac.com		E-mail n/a	
Role and responsibilities in emergency Coordinate Emergency Response / advise on Fire Service Response. Liaise with police services.		Role and responsibilities in emergency Identify and dispatch Superior Propane and or LPERGC emergency response personnel as required	
<b>4. Local Fire Services - Alternate Contact</b>		<b>8. Municipal Contact</b>	
Name Bill Young	For Office Use - Party No.	Name Shawn Trepanier	For Office Use - Party No.
Official Title Deputy Fire Chief		Official Title Municipal Clerk	
Telephone No. 6130279-2935	Fax No. 613-279-2422	Telephone No. 613-279-2935 x 227	Fax No. 613-279-2422
E-mail byoung_fire@centralfrontenac.com		E-mail strepanier@centralfrontenac.com	
Role and responsibilities in emergency Coordinate Emergency Response / advise on Fire Response when key contact is not available and liaise with police services.		Municipality Township of Central Frontenac	

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	Date (dd-mm-yyyy) 26/oct/11





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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:

Veeder - Root plus TLS - 350 Gas Detection in store . Probes under pumps & sumps

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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) None	Print Name of Training Provider:
	Print Name of Instructor:
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) None	Print Name of Training Provider:
	Print Name of Instructor:
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) None	Print Name of Training Provider: FSN Training & Development Inc.	Please Note - a ROT is valid for 3 years
	Print Name of Instructor: Leo Alkenbrack Cert # T111	(Certified PT1 100-1 in 2009)
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 5: 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) Q4-2011 15 OCT 2012	Print Name of Training Provider: Superior Propane or Alternate Please note: Canadian Propane Gas Association
	Print Name of Instructor: to be arranged is currently developing the course
Target Date (dd-mm-yyyy)	Print Name of Training Provider: content and it and its provider should be available to
	Print Name of Instructor: teach in the fourth quarter of this year.
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) Q4-2011 15 OCT 2012	Print Name of Training Provider: Key Contact to train staff
	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 provided to certificate holders / persons with Records of Training.**

Target Date (dd-mm-yyyy) Q4-2011 15 OCT 2012	Print Name of Training Provider: FSN Training & Development Inc Please Note - a ROT is valid for 3 years
	Print Name of Instructor: Leo Alkenbrack Cert# T111 Note: To call training provider if any training required
Target Date (dd-mm-yyyy)	Print Name of Training Provider: in 2011 (Re-newal 21-11-2012)
	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 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.

Describe what action is to be taken and by whom when a warning is issued (including details of a meeting place in a safe identified area and activating the evacuation plan, if necessary).

The owner/operator or alternate should first follow the actions in the ERP provided herein. 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 with Emergency Response Authorities**

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

When the system is operational, a ROT person will be on duty and be in the propane tank area. 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 Ranbir S. Kailon or alternate.

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

Key Contact: -5 Minutes to arrive at the facility in the event of an emergency

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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 that access routes, aisles, storage areas, 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 type="checkbox"/>            | <input checked="" 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)            | None                                |                                     |
| 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) | Sharbotlake 5,000 M                 |                                     |

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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**

Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan? Yes  No

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

---

Fire services comments, if any:

---

**To be completed by the Licence Holder**

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

---

The licence holder will respond to the Local Fire Services comments by: \_\_\_\_\_ (dd-mm-yyyy)

*Talked to Dave @ F.S.N Training, Fire Dept uses notepad  
26/oct/11*

**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		

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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) 19-10-2011	Capacity of single largest propane storage vessel (USWG) 1000 USWG
Tank setback coordinates, indicate placement on the map.	
Front: 28 m	Right side property line: 12.7 m
Rear: 18.6 m	Left side property line: 65.1 m
GPS coordinates of single largest vessel: 44.79816 -76.678329	

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**SECTION C: SUBMISSIONS (cont'd)**

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

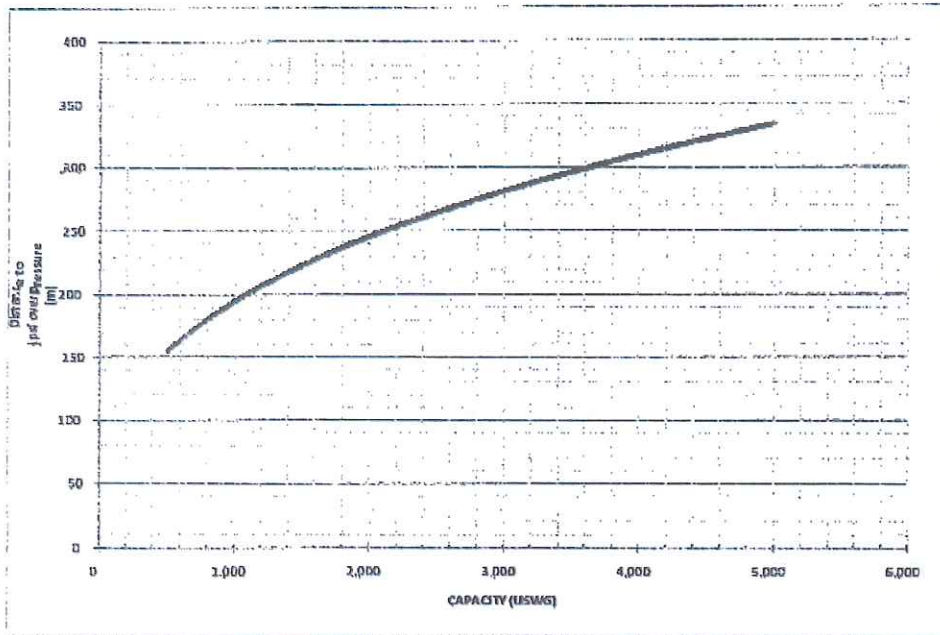
Table 1: Distance Table

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	1,895	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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Signature <i>Ranbir S. Kaillen</i>		Telephone No. 613-279-2827	Date (dd-mm-yyyy) 26/Oct/11



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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 parts or golf courses Name: Empty Commercial Building Address: 24527 HWY 7 City: Sharbot Lake Province On Postal Code K0H 2P0			x		24 m
Residential building units specifically permanent single family dwellings, condominiums, and apartments.			x		72.6 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: Grays Grocery & Apartments Address: 14882 Hwy 36 City: Sharbot Lake Province On Postal Code K0H 2P0			x		49.5 m
Commercial building units - continuous occupancy specifically hotels, campgrounds, and resorts. Name: None Address: City: Province Postal Code	x				0 m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: None Address: City: Province Postal Code	x				0 m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: Sharbot Lake OPP Address: 24586 Hwy 7 City: Sharbot Lake Province On Postal Code K0H 2P0		x			165 m

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

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

Name of person completing this form (please print) Ranbir S. Kailon	Official Title Owner/operator
Signature 	Telephone No. 613-279-2827
	Date (dd-mm-yyyy) 26/09/11



9-9



Technical Standards and Safety Authority  
www.tssa.org

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

RAM'S EGGO  
R.R. 2  
SUNBOLT LAKE, ONTARIO K0H 2T  
(613) 279-2827

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

**CAPACITY INFORMATION**

**A. Fixed Tanks**

PSIG	Serial Number	Capacity
Tank 1: _____	_____	_____
Tank 2: _____	_____	_____
Tank 3: _____	_____	_____
Total Fixed Capacity:		1000

**B. Portable Storage**

Cylinder Size	Capacity in USWG	Quantity	Total Capacity in USWG
# 420	123.9		
# 100	29.5		
# 40	11.75		
# 33.3	9.62		
# 30	8.8		
# 20	5.8	18	104-40
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity		18 Line A	104-40

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

Tank Size In USWG	Quantity	Total Capacity in USWG
Total Tank Capacity		Line B

Total Portable Capacity. Line A plus Line B: 18 cyl 104-40 USWG

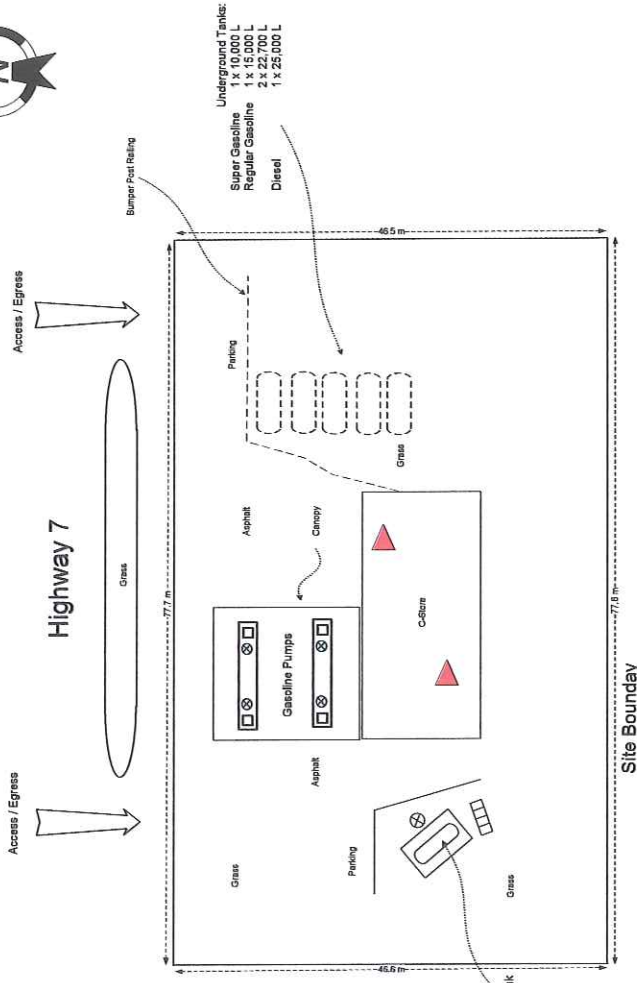
**C. Mobile Tanks**

Type	Tank Size In USWG	Quantity	Total Capacity in USWG
Tankers			
Cargo Liners			
Total Mobile Tank Capacity			

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

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

Print name of person completing this form. R.S. KAILLON		Official Title OWNER	
Signature <i>[Signature]</i>		Telephone No. 613 279-2827	Date (dd-mm-yyyy) 20/JUNE/14



- Underground Tanks:
- 1 x 10,000 L Super Gasoline
  - 1 x 15,000 L Regular Gasoline
  - 2 x 22,700 L Diesel
  - 1 x 25,000 L

**Key Plan:**



**Notes:**

1. Tank distances to property lines:

Property Line Setbacks	Distance
North (front)	28 m
South	16.8 m
East	65.1 m
West	12.7 m

- 2. Fire Extinguisher
- 3. Egress/Fire Access Route: Egress/access points along Highway 7
- 4. E-Stop
- 5. Propane Cylinder Storage Area

**FSN Training & Development**

**Site Plan**

**J&R Kailion Ltd. O/A Ram's Esso**  
 24515 Hwy 7, Sharbot Lake, ON K0H 2P0

**Legal Description**  
 CON 3 LOT 16 RP13510058 PART 1

Drawn by: L. Wills

Checked by:

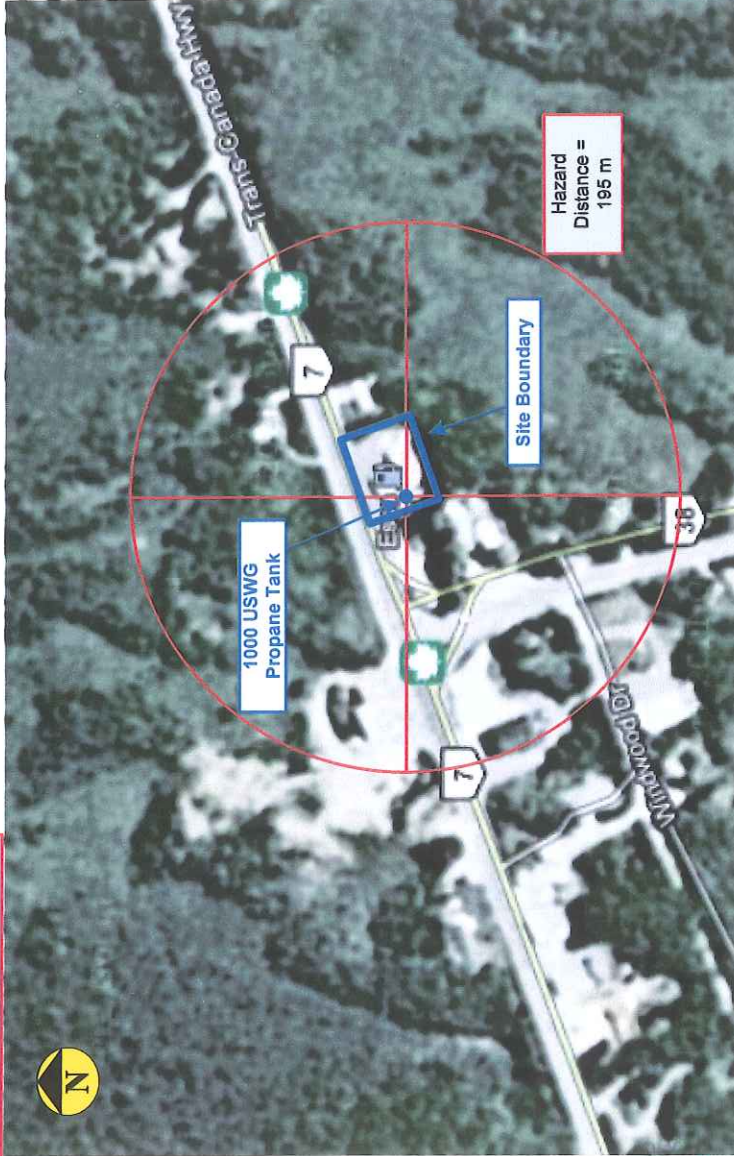
Date: October 18, 2011

Rev 0





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 Map data ©2011 Google, Tele Atlas



Scale (m):



<b>Selfback Distances to Site Boundary</b>	North: 28.0 m East: 65.1 m South: 18.6 m West: 12.7 m
<b>Capacity of Propane Storage Tank</b>	Capacity of Propane Storage Tank = 1000 USWG
<b>GPS Co-ordinates of Propane Storage Tank</b>	GPS Co-ordinates = 44.79816, -76.678329
<b>Circular Distance to 1 psi overpressure</b>	Denoted by circle centred on tank; radial distance = 195 m

<b>Municipality (ies) within the 1 psi overpressure circle</b>	Township of Central Frontenac
<b>Municipal Contact</b>	Shawn Trepanier Municipal Clerk, Township of Central Frontenac 1084 Elizabeth Street, Box 89, Sharbot Lake, ON, K0H 2P0 Tel: 613-279-2935 ext. 227 Fax: 613-279-2422 email: strepanier@centralfrontenac.com

<b>Map of Surrounding Area</b>	J&R Kaillon Ltd. O/A Ram's Esso 24515 Highway 7, Sharbot Lake, ON K0H 2P0 CON 3 LOT 16 RP/13R10058 PART 1
<b>Drawn by:</b>	L. Wills
<b>Date:</b>	October 19, 2011