# Technical Standards and Safety Authoris www.tssa.org

Technical 14th Floor - Centre Tower 3300 Bloor Street West Toronto Ontario M8X2X4 Fax: 416.231.4903 Customer Service: 1.877.682.8772

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

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.

		ailure to fully complete this for sking a false statement may res under the <i>Technical Stand</i>	ult in a fine or prosecution				
Lice	ence Number	76638715					
Chec	ck applicable type of	of propane operations.					
	✓ Cylinder	Motor Fill	Filling Plant Card/Keyloo	k			
Subr	mit along with this o	completed application a Facility Site F	Plan and a Map of the Surrounding Area.				
		SE	CTION A: GENERAL INF	ORMATION			
		d applies to TSSA for a e and Handling Regulati	review for an RSMP under C	Intario's <i>Technical St</i>	landards and Safety Act,  Ontario Corporation No., if applicable		
A	1	iety and Gas Bar					
		if different from above)					
	Telephone No. (519) 658-4228	Fax No. N/A	E-mail   Wisam_behno@hotmail.com				
В	Street No.	Street Name / 911 Number / Queen Street West	Address, if applicable				
	Town / City or To	ownship / County		Province	Postal Code		
	Cambridge			Ontario	N3C 1G2		
С	Mailing address Street No.	Street Name / 911 Number	Address, if applicable				
	Town / City or Tov	wnship / County		Province	Postal Code		
Int	Location of faci Street No.	Street Name / 911 Number /		Nearest Major Intersection			
	139	Queen Street West		Queen Street and Schofi			
	Town / City or Tov	wnship / County		Province I	Postal Code		
	Cambridge			Ontario	N3C 1G2		
	Name of Licence Holder  Sunny Hill Variety  Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT).  ROT type						
	Wisam Naif PPO-3						
	Municipality (or municipalities if the facility or its hazard distance touches multiple borders)						
	Regional Municipality of Waterloo						
	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.

ite (dd-mm-yyyy)	Signature	Printname
-04-2011	111	NameofLicence Holder Wisam Naif
	TWO!	
	The state of the s	Source of the Control
	Ac 1	Name of Senior Management person as defined in the  Regulation holding the Record of Training Wisam Nail



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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)					
Indicate the year	the facility was established.	Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, None	since establishment.		
Identify the psig	rating and serial number for e	ch fixed propane storage tank on site.			
	PSIG 250 PSIG	Serial Number 5563159			
	. ,	able, and mobile, and provide detailed inventory that includes the number of tan- capacity of each tank/vessel, on a separate document.	<pre></pre> <pre>&lt;</pre>		
Fixed:	1300 USWG	Portable: 420 USWG Mobile: 0			

Name of person completing this form (please print)  Wasim Naif	Official Title Manager		
Signature	Telephone No. (905) 808-2222	Date (dd-mm-yyyy) 01-04-2011	



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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** Name of Propane Supplier(s) Superior Propane - Ontario Regional Operations Centre Street No. Street Name / 911 Number / Address, if applicable 251 Woodlawn Road West, Unit 217 Town / City or Township / Country Province Postal Code Ontario Guelph N1H 8J1 Telephone No. Fax No. Contact Name 1-877-873-7467 519-836-7766 Mike Mullins mullinsm@superiorpropane.com For Office Use - Party No. Name of Propane Transporter. If same as above, please check box. Superior Propane - Guelph Street Name / 911 Number / Address, if applicable Street No. 7022 Wellington Road, Hwy. 124 Town / City or Township / Country Province Postal Code Ontario Guelph N1H 6J3 Contact Name Telephone No. Fax No. N/A Jason Swan (519) 831-6564 E-mail swanj@superiorpropane.com For Office Use - Party No. Off-site Cylinder and/or Mobile Storage Capacity stored off-site, in USWG None Street Name / 911 Number / Address, if applicable Street No. Town / City or Township / Country Province Postal Code

Note: Customer storage is not considered off-site storage.

Fax No.

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.

Contact Name

Name of person completing this for	m (please print)	Official Title	3
Marcello Oliverio		Chief Engineer, Superior Propane	
Signature /////////	11	Telephone No.	Date (dd-mm-yyyy)
1/1/4/	Mun	905-285-2480 ext. 5327	01-04-2011

Telephone No.



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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, if any.  3 underground gasoline storage tanks - 1 x 30,000 liters, 2 x 15,000 litres
Description of fire and emergency equipment indicated on facility site map.  Fire Extinguishers: Type - Dry Chemical
1. One is located inside the cage
2. One is inside the store
3. One is near the tank
List of fire protection controls (e.g., fire detection systems, fire notification systems, alarm systems, automatic shut off devices, fusible links, etc.)
and describe their function, use and operation.  1. Fusible link on ISC valve - isolation valve between the tank and the downstream propane dispensing equipment.
2. Emergency shut-off switch located aprox. 20 feet from the filling station. This shuts down the pump and closes a solenoid valve upstream of hoses.
3. Power supply breaker inside the gas bar building. This cuts all power to the propane system - shuts down pump; closes solenoid valve.
Maintenance and testing schedule for fire protection controls and devices.  Maintenance and testing is undertaken by Superior Propane according to Superior Propane's Maintenance Standard. Schedule for key equipment is:
Pumps (Pump every 3 months; Pump Motor: check belts monthly; grease motor every 6 months)
ISC Valves (test for closure every 6 months)
3. Storage tank Relief Valves - inspect every 2 years; replacement schedule as per provincial regulations.

Name of person completing this form (please print)	Official Title		
Wasim Naif	Manager		
Signature	Telephone No.	Date (dd-mm-yyyy)	
HB3	(905) 808-2222	01-04-2011	



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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 - Ke	y Contact		5. Facility 24-Hour Contact Person	on	
Name Wisam Naif			Name Wisam Naif		For Office Use - Party No.
Official Title Manager			Official Title Manager		
Telephone No. (519) 658-4228	Fax No. N/A		Cell No. (905) 808-2222	Fax No. N/A	
E-mail Wisam_behno@hotmail.com			E-mail Wisam_behno@hotmail.com		
Role and responsibilities in emergen	су		Role and responsibilities in emergen	су	
Co-ordinate site response			Co-ordinate site response		
2. Facility Contact Personnel - A	Iternate Co	ontact	6. Name of Facility Manager		
Name Maain (Paul)Bolous			Name Wisam Naif		For Office Use - Party No.
Official Title Assistant Manager			Official Title Manager		
Telephone No. (519) 496-8127	Fax No. N/A		Telephone No. (519) 658-4228	Fax No. N/A	
E-mail			E-mail Wisam behno@hotmail.com		
Role and responsibilities in emergence	су		Role and responsibilities in emergen	су	
Co-ordinate site response if agent una	vailable.		Co-ordinate site response		
3. Local Fire Services - Key Conta	act		7. Propane Supplier Key Contact F	Person	
Name Terry Allen	act	For Office Use - Party No.	7. Propane Supplier Key Contact I Name Superior Propane Hotline	Person	For Office Use - Party No.
Name		For Office Use - Party No.	Name	Person	For Office Use - Party No.
Name Terry Allen Official Title		For Office Use - Party No.	Name Superior Propane Hotline	Fax No.	For Office Use - Party No.
Name Terry Allen Official Title Fire Chief of the Cambridge Fire Depa	artment	For Office Use - Party No.	Name Superior Propane Hotline Official Title Telephone No.	Fax No.	For Office Use - Party No.
Name Terry Allen Official Title Fire Chief of the Cambridge Fire Depa Telephone No. (519) 621-6001 x2219 E-mail	Fax No.	For Office Use - Party No.	Name Superior Propane Hotline Official Title Telephone No. 1-877-873-7467	Fax No. N/A	For Office Use - Party No.
Name Terry Allen Official Title Fire Chief of the Cambridge Fire Depa Telephone No. (519) 621-6001 x2219 E-mail fire@cambridge.ca	Fax No. N/A		Name Superior Propane Hotline Official Title Telephone No. 1-877-873-7467 E-mail Role and responsibilities in emergence Identify and dispatch Superior Propane	Fax No. N/A	
Name Terry Allen Official Title Fire Chief of the Cambridge Fire Depa Telephone No. (519) 621-6001 x2219 E-mail fire@cambridge.ca Role and responsibilities in emergence	Fax No. N/A		Name Superior Propane Hotline Official Title Telephone No. 1-877-873-7467 E-mail Role and responsibilities in emergene Identify and dispatch Superior Propane personnel as required.	Fax No. N/A	
Name Terry Allen Official Title Fire Chief of the Cambridge Fire Depa Telephone No. (519) 621-6001 x2219 E-mail fire@cambridge.ca Role and responsibilities in emergence	Fax No. N/A  Cy nse. Liaise w		Name Superior Propane Hotline Official Title Telephone No. 1-877-873-7467 E-mail Role and responsibilities in emergence Identify and dispatch Superior Propane	Fax No. N/A	emergency response
Name Terry Allen Official Title Fire Chief of the Cambridge Fire Departure Chief of the Cambridge Fire Cambridge Cambridge Cambridge Cambridge Cambridge Fire Service responses Co-ordinate/advise Fire Service responses	Fax No. N/A  Cy nse. Liaise w		Name Superior Propane Hotline Official Title Telephone No. 1-877-873-7467 E-mail Role and responsibilities in emergene Identify and dispatch Superior Propane personnel as required.	Fax No. N/A	
Name Terry Allen Official Title Fire Chief of the Cambridge Fire Depa Telephone No. (519) 621-6001 x2219 E-mail fire@cambridge.ca Role and responsibilities in emergence Co-ordinate/advise Fire Service responses	Fax No. N/A Dy nse. Liaise w	For Office Use - Party No.	Name Superior Propane Hotline Official Title Telephone No. 1-877-873-7467 E-mail Role and responsibilities in emergence Identify and dispatch Superior Propane personnel as required.  8. Municipal Contact Name	Fax No. N/A	emergency response
Name Terry Allen Official Title Fire Chief of the Cambridge Fire Depa Telephone No. (519) 621-6001 x2219 E-mail fire@cambridge.ca Role and responsibilities in emergence Co-ordinate/advise Fire Service responses 4. Local Fire Services - Alternate ( Name Bill Chesney	Fax No. N/A Dy nse. Liaise w	For Office Use - Party No.	Name Superior Propane Hotline Official Title Telephone No. 1-877-873-7467 E-mail Role and responsibilities in emergence Identify and dispatch Superior Propane personnel as required.  8. Municipal Contact Name George Elliott Official Title	Fax No. N/A	emergency response
Name Terry Allen  Official Title Fire Chief of the Cambridge Fire Departelephone No. (519) 621-6001 x2219  E-mail fire@cambridge.ca  Role and responsibilities in emergency Co-ordinate/advise Fire Service responsibilities  4. Local Fire Services - Alternate (Name Bill Chesney  Official Title Deputy Fire Chief of the Cambridge Firelephone No.	Fax No.  N/A  Cy  See Liaise w  Contact  The Department of Fax No.	For Office Use - Party No.	Name Superior Propane Hotline Official Title Telephone No. 1-877-873-7467 E-mail Role and responsibilities in emergence Identify and dispatch Superior Propane personnel as required.  8. Municipal Contact Name George Elliott Official Title Commissioner of Public Works Telephone No.	Fax No. N/A  and or LPERGC  Fax No.	emergency response
Name Terry Allen Official Title Fire Chief of the Cambridge Fire Departelephone No. (519) 621-6001 x2219  E-mail fire@cambridge.ca  Role and responsibilities in emergence Co-ordinate/advise Fire Service responses  4. Local Fire Services - Alternate (In Name Bill Chesney Official Title Deputy Fire Chief of the Cambridge Fire Telephone No. (519) 621-6001 x2218  E-mail	Fax No. N/A  Cy nse. Liaise w  Contact  re Departme Fax No. N/A	For Office Use - Party No.	Name Superior Propane Hotline Official Title  Telephone No. 1-877-873-7467  E-mail  Role and responsibilities in emergence Identify and dispatch Superior Propane personnel as required.  8. Municipal Contact  Name George Elliott Official Title Commissioner of Public Works Telephone No. (519) 740-4682 x 4546  E-mail	Fax No. N/A  and or LPERGC  Fax No.	emergency response
Name Terry Allen Official Title Fire Chief of the Cambridge Fire Departelephone No. (519) 621-6001 x2219  E-mail fire@cambridge.ca  Role and responsibilities in emergence Co-ordinate/advise Fire Service responses  4. Local Fire Services - Alternate (In Inc.) Name Bill Chesney Official Title Deputy Fire Chief of the Cambridge Firelephone No. (519) 621-6001 x2218  E-mail fire@cambridge.ca	Fax No. N/A  Cy nse. Liaise w  Contact  Te Departme Fax No. N/A	For Office Use - Party No.	Name Superior Propane Hotline Official Title  Telephone No. 1-877-873-7467  E-mail  Role and responsibilities in emergence Identify and dispatch Superior Propane personnel as required.  8. Municipal Contact  Name George Elliott Official Title Commissioner of Public Works Telephone No. (519) 740-4682 x 4546  E-mail elliottg@cambridge.ca	Fax No. N/A  and or LPERGC  Fax No.	emergency response

Name of person completing this form (please print)	Official Title	
Marcello Oliverio	Chief Engineer - Superior Propane	
Signature	Telephone No.	Date (dd-mm-yyyy)
Il Duis	905-285-2480 ext. 5327	01-04-2011



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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.
None

Name of person completing this form (please print)	Official Title		
· · · · · · · · · · · · · · · · · · ·	Manager		
Signature	Telephone No.	Date (dd-mm-yyyy)	
AT 65+	(905) 808-2222	01-04-2011	



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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 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:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training on the facility's Eme	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:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
On-site specific training prov	rided to certificate holders / persons with Records of Training.
Training Date (dd-mm-yyyy)	Print Name of Training Provider: Mike Martin
10-09-2010	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:

Name of person completing this form (please print)	Official Title	
Wasim Naif	Manager	
Signature + With	Telephone No.	Date (dd-mm-yyyy)
H-37	(905) 808-2222	01-04-2011



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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)

4. Emergency Training Plan for Coming Year

Training on Emergency Re	sponse Plan and Procedures provided to facility key contacts.		
Target Date (dd-mm-yyyy)	Print Name of Training Provider: Superior Propane or alternate to train Key Contact		
TBA - Q4 (2011)	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:		
Training on the facility's En	pergency Management Procedures provided to staff.		
Target Date (dd-mm-yyyy)	Print Name of Training Provider: Key site contact to train staff		
TBA - Q4 (2011)	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 pro	ovided to certificate holders / persons with Records of Training.		
Target Date (dd-mm-yyyy)	Print Name of Training Provider: Superior Propane/FSN/Alternate		
as required	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:		

Name of person completing this form (please print)	Official Title	
Wasim Naif	Manager	
Signature	Telephone No.	Date (dd-mm-yyyy)
Hest	(905) 808-2222	01-04-2011



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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.

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 ROT person(s) on duty will contact emergency services by calling 911 and will provide warnings outlined in the attached "Propane Emergency Response
Procedures" placard, if it is safe to do so.
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).  Actions and warnings will be taken by on duty ROT person(s) as per attached ERP placard. Only a few gas bar staff will be on duty when operating the
propane system. The Muster location will be on Queen Street, in a safe area. Note a specific muster point is not advisable, since a propane plume can
blow in any direction.
Note that the facility is in a wide open area allowing people to self evacuate.
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 events 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 accidents involving the propane tank during such times will require the intervention of random, nearby
Individuals or store staff.
Describe provisions for fire department entry when there are no operations or staffing at the propane site.  The propane tank system is located in an area that is easily accessible.
The fire access routes are off of Queen Street. The area is wide open.
Describe how the licence holder will ensure continual flow of updated information to authorities.  The critical information required from the license holder is the fill level in the tank.
Fill level is relevant from a time-to-BLEVE perspective (a near empty tank will BLEVE sooner than a full tank if there is fire impingement on the tank).
This information will be provided to the authorities by Wisam Naif, time permitting, if available.
How long will it take the facility liaison person to respond to the site.
During the week it would take just minutes to respond to an incident as the owner/operator lives on site. On the weekend he visits the city and during those
periods it would take him aprox. 1 hour to respond.

Name of person completing this form (please print)	Official Title	
Marcello Oliverio	Chief Engineer - Superior Propane	
Signature	Telephone No.	Date (dd-mm-yyyy)
III X Ullino	905-285-2480 ext. 5327	01-04-2011



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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 RES  The licence holder will complete Section B in consultation with the  6. Building and Site Security and Procedures		-	t'd)	
		Yes	No		
1.	Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)?	$\checkmark$			
2.	Is there adequate night lighting at the site?	<b>/</b>	Procedure Communication Commun		
3.	Are procedures in place that ensure access routes, aisles, storage area, filling areas and the grounds are kept clear from unwanted materials?	$\checkmark$			
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?	<b>✓</b>			
5.	Does the facility have procedures that include a process to isolate and purge any overfilled propane cylinders?	$\checkmark$			
6.	Are weighing systems validated for accuracy?	$\checkmark$			
7.	Are storage areas clearly marked with the vessels' capacity status (i.e., filled, empty, purged and other hazardous materials)?	<b>V</b>			
8.	Are quality assurance procedures in place to ensure that all valves are closed after the propane cylinders are filled?(e.g., QCC valves)	$\checkmark$			
9.	Is the schedule of maintenance and testing activities retained on site?	<b>V</b>			
	7. Water Supply				
The sup	propane licence holder should work with the local fire department to determine water ply 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?	$oldsymbol{\checkmark}$			
2.	Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location?	<b>V</b>			
3.	What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only)	80 m from	tank		
4.	What is the unobstructed distance to the closest approved water supply with year	<b>N</b> 14A			

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.

N/A

Name of person completing this form (please print)	Official Title	
Wasim Naif	Manager	
Signature	Telephone No.	Date (dd-mm-yyyy)
HOST	(905) 808-2222	01-04-2011

round access if there are no hydrants? (distance in metres only)



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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 Bin consultation with the local Fire Services.

8. Licence holder and local Fire Services Review

C. Elotilo tidate di albiata i in controlla di albiata i in controlla di albiata di albi
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:  This department has a real content with the  Next mily of residential units to the tente (including  the unit above the store). The tank set-backs agreed  to show building set backs and not distances from the  To be completed by the Licence Holder tank. Closest distance from tank to  In response to the above comments, the following action(s) is required: residential is 7 meters not 20 m  as noted on page 4. Suggest
a procedure in Emag. Response Plan to quickly notity close residentia
The licence holder will respond to the Local Fire Services comments by:
LOCAL FIRE SERVICES  The undersigned has reviewed Section B of the Risk and Safety Management Plan Fire Services.
Print name  Signature  Signature  Fire Services Name  Signature  Signature  Fire Services Name  Signature  Signature  Fire Services Name  Signature
CFPO CAMBRIPGE
* Sitemap revised to show setback distances from propone tank to property lines. April 18/1 Kelly Almey
Declaration: I am aware that it is an offence to give false information in this document and Superior Proportion I have given here is true and complete.
Name of person completing this form (please print)  Official Title
BRENT SMITH CFPO
Signature $\frac{1}{1}$ $\frac{1}$
FS 09195 (11/10) Page 11 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 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) March 11 2011	Capacity of single largest propane storagevessel (USWG) 1300	
Tank setback coordinates. Indicate placement on the Front:  Rear: 10.2 m 17.5 m	Right side property line: 23.3 m +5 m	Ka
GPS coordinates of single largest vessel: Lat. 4	3.4288, Long80.3164	Kelly Almec
		Superior Propane

1		
Name of person completing this form (please print)	Official Title	
	Chief Engineer - Superior Propane	
Signature	Telephone No.	Date (dd-mm-yyyy)
Millins	905-285-2480 ext. 5327	01-04-2011

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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	1,885	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:

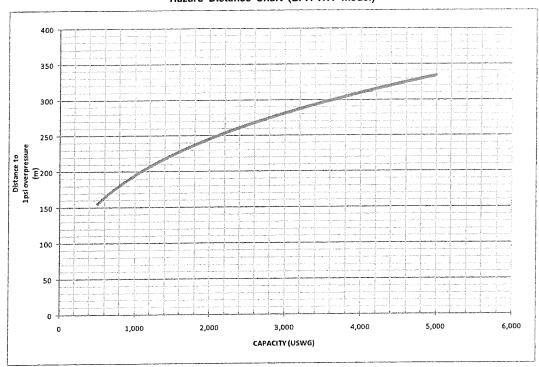
Density of Propane is 0.5033 kg per litre @ 15 C

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)



Name of person completing this form (please print) Nothing completed on this page.	Official Title N/A		
Signature	Telephone No. N/A	Date (dd-mm-yyyy)	



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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

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		and F	of Build eatures th an "	X")	Distance from Tank to Closest Building or Feature
Industrial buildings or parks or golf courses  Name:  Address:	Х				m
City:ProvincePostal Code  Residential building units specifically permanent single family dwellings, condominiums, and apartments.  Name:  Address:				Х	m
City: Province Postal Code  Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes.  Name: Legion Hall  Address: Schofield Street  City: Province Postal Code		X			150 m
Commercial building units - continuous occupancy specifically hotels, campgrounds, and resorts.  Name:  Address:  City:  Province  Postal Code	Х				m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons.  Name:  Address:  City:  Province  Postal Code	Х				m
Emergency responders specifically fire stations, ambulance stations, and police stations.  Name:  Address:  City:  Province  Postal Code	x				m

Name of person completing this form (please print)	Official Title		
Wasim Naif	Manager		
Signature	Telephone No.	Date (dd-mm-yyyy)	
	(905) 808-2222	01-04-2011	

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



 Technical
 14th Floor - Centre Tower

 Standards and
 3300 Bloor Street West

 Safety Authority
 Toronto Ontario M8X 2X4

 Fax: 416.231.4903

 www.tssa.org
 Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)

Technical Standards and Safety Act

Propane Storage and Handling Regulation

## SECTION C: SUBMISSIONS (cont'd)

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

#### Portable Storage Additional Information Sheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5		
# 40	11.75		
# 33.3	9.62		
# 30	8.8		
# 20	5.8	72	420 USWG
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity 420 USWG			

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

Tank Size In USWG	Quantity	Total Volume in USWG		
None				
Total Tank Capacity				

Total Cylinder Capacity	420 USWG
Total Tank Capacity	0
Total Portable Capacity	420 USWG

Declaration: I am aware that it is an offence to give false information in this document and

/ Thoroby accide that the internation			
Name of person completing this form (please print)  Marcello Oliverio	Official Title Chief Engineer - Superior Propane		
Signature / Williams	Telephone No. 905-285-2480 ext. 5327	Date (dd-mm-yyyy) 01-04-2011	

