# Technical Standards and Safety Authority www.issa.org

| Technical | 14thFloor - Centre Tower | 3300 Bloor Street West | Toronto Ontario M8X 2X4 | Fax - 446, 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 propose storage capacity of 5,000 USWG or less; or
• a facility with a fixed propose storage capacity of exactly 5,000 USWG and no more than 500 USWG of portable propose storage capacity on site

	F: Ma	liding a	o fully complete this for false statement may re- der the Technical Stan	orm may result in reject sult in a fine or prosec dards and Safety Act	ion. ution				
Lice	ince Number	New S	ile						
Chec	к аррісавне туре о	of propar	ne operations			-			
	√ Cylinder		Motor Fill	Faing Plant	Card/Key/lock				
Subn	nit along with this c	omplete	d application a Facility Site	Plan and a Map of the Sun					
			SE	CTION A: GEN	IERAL INFO	TAMRO			
The	pane Storage	d app	lies to TSSA for a Handling Regula	review for an RS	MP under O	ntario's Technical	Standard	ds and Safety Act,	
	Company Name	10.7					Ontario	Corporation No , if applicable	
A	Canadian Tire								
	Operator Name (i Lorella Umberli								
	Telephone No.		Fax No.	E-mail					
	416-225-8643		416-225-5643	1048 sheppard_tes	fie@clpagent.ca			¥ Y	
В	Street No.	1,	Street Name / 911 Number	/ Address, if applicable					
	Town / City or To		Yonge Street						
	Toronto	wnsnip	County			Province		Postal Code	
						Oniario		M4S 2B9	
_	StreetNo.	s ir di	flerent from above.						
C	Sieelino.	- 1	Sheet Name / 911 Number P.O. Box 770 STN K						
	Town / City or Tow			(AVX.00011 #39421)					
	Terente	ז כמוצט וא	County			Province Ontario		Postal Code	
Int		intao:	ner Refill Centre or I	Filling Dient		Untario		M4P 2V8	
	Location of facil	lity.	inci italiii califie or i	ming Flant					
D	Street No.		Street Name / 911 Number	/ Address, if applicable		Nearest Major Intersection	on		
D	1015		Sheppard Avenue			Sheppard & Leslie			
	Town / City or Tow	vnship /	County		-	Province		Postal Code	
	Toronta		170			Onlario		M2K 1C2	
						TOTAL TOTAL		MEN TOE	
	Name of Licence H	older							
- 1	Canadian Tire C	огрога	tion						
	Name of a Serior Management person as defined in the regulation holding the Record of Training (ROT).  ROT type								
1	Michael Mariline								
1	Municipality (or municipalities if the fedity or its hazard distance touches multiple borders)								
1	Toronto								
i.	Totolio								
	Hours of operation.								
	- North approximate								

This document is valid until the next licence renewal date. You are required by law to notify TSSA of any change of information.

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

Printname	Strate	Date (dd-mm-yyyy)
Name of Licence Holder John Lasteria		10-01-2011
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Michael Medline</u>	See Atta	chment



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

PSIG Serial Number  Tank 1: 250 9J81-13  Tank 2:	dicate the year the facility was established 010 (New Facility)	d. Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.  None - New facility
Tank 1: 250 9J81-13  Tank 2:  Tank 3:  nter 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.	entify the psig rating and serial number fo	r each fixed propane storage tank on site.
Tank 2:  Tank 3:  Tank 3:  nter capacity of propane in USWG, fixed, portable, and mobile, and provide detailed inventory that includes the number of tank/vessel for ach type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document.		Serial Number
Tank3:  nter capacity of propane in USWG, fixed, portable, and mobile, and provide detailed inventory that includes the number of tank/vessel for ach type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document.		
Tank3:  nter capacity of propane in USWG, fixed, portable, and mobile, and provide detailed inventory that includes the number of tank/vessel for ach type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document.	Tank 2:	
ach type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document.	Tank3:	
ch type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document.	ter capacity of propane in USWG, fixed,	portable, and mobile, and provide detailed inventory that includes the number of tank/yessel for
	ch type (fixed, portable, and mobile) and	the capacity of each tank/vessel, on a separate document.
Mobile: Mobile:	2222	
	TACC.	Mobile:

Name of person completing this form (please print)  Marcello Oliverio	Official Title Chief Engineer, Superior Propane	
Signature Millium	Telephone No. 905-285-2480 ext. 5327	Date (dd-mm-yyyy) 10-01-2014



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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

## CENEDAL INCODMATIC

		350	Activit	yInformation	ON (cont	d)	
Name of Propa							
		egional Operations Ce					
Street No. 251	1	ame / 911 Number / A					
Town / City or 1		n Road West, Unit 217					
Guelph	ownsnip /	Country			Province Ontario		Postal Code N1H 8J1
Telephone No.	1	Fax No.	Contact Name	9			
1-877-873-7467		519-836-7766	Mike Mullins				
E-mail							
mullinsm@superio	orpropane.c	om					
Name of Propan Superior Propane			ove, please check box.				
Street No.		ame / 911 Number / Ad	ddress, if applicable				
505	Victoria St						
Town / City or T Whitby	ownship /	Country			Province Ontario	si .	Postal Code
Telephone No. 1-877-873-7467		Fax No.	Contact Name Mark Wakeford				
E-mail	-		•		-		
wakeform@superi	orpropane.	com					
Off-site Cylinder None	and/or M	obile Storage	C	apacity stored off-site,	in USWG	For Office Use -	Party No.
Street No.	Street Na	me / 911 Number / Ad	dress, if applicable			- cal	
Town / City or To	ownship / (	Country			Province		Postal Code
Telephone No.		Fax No.	Contact Name				
	orage is no	t considered off-site	storage.				

Name of person completing this form (please print)  Marcello Oliverio	Official Title Chief Engineer, Superior Propane	
Signature	Telephone No. 905-285-2480 ext. 5327	Date (dd-mm-yyyy) 10-01-2011



14th Floor - Centre Tower 3300 Bloor Street West Safety Authority 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 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.  1. Underground Gasoline Tanks. There are two underground storage tanks with total capacity of 150,000 litres.
Note: Underground gasoline tanks are not considered a threat to the propane tank; the gasoline delivery truck tanks can pose a threat to the propane tank.
Description of fire and emergency equipment indicated on facility site map.  1. Fire extinguishers - one in the propane equipment cabinet enclosure; one in the gas bar building; four in the gasoline pump area.
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 stop push button - mounted on a post near the propane tank. This shuts down the pump and closes a solenoid valve unstream of boses.
<ol> <li>Power supply breaker inside the gas bar building. This cuts all power to the propane system - shuts down pump; closes solenoid valve.</li> <li>ISC valve interlock bar (interlocked with cabinet door) - ISC valve closes when door is closed.</li> </ol>
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)
Storage tank Relief Valves - inspect every 2 years; replacement schedule as per provincial regulations.

Name of person completing this form (please print)  Marcello Oliverio	Official Title Chief Engineer - Superior Propane	
Signature MUMMASS	Telephone No. 905-285-2580	Date (dd-mm-уууу) 10-01-2011



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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

Facility Contact Personnel - Key Contact	5. Facility 24-Hour Cont	act Person		
Name Lorella Umbertinese V	Name Lorella Umbertinese	Name		
Official Title Agent	Official Title			
Telephone No. Fax No. 416-225-8643 416-225-8643	Cell No. 416-617-4124	Fax No.		
E-mail 1048.sheppard_leslie@ctpagent.ca	E-mail 1048.sheppard_leslie@ctpag	cent ca		
Role and responsibilities in emergency	Role and responsibilities in			
Co-ordinate site response	Co-ordinate site response	· · · · · · · · · · · · · · · · · · ·		
2. Facility Contact Personnel - Alternate Contact	6. Name of Facility Management	ger		
Name Cod Doggova	Name			
Karl Degeus Official Title	Lorella Umbertinese			
Regional Business Manager, Canadian Tire Corporation	Official Title Agent			
Fax No. Not available	Telephone No. 416-225-8643	Fax No. 416-225-8643		
-mail	E-mail			
arl degeus@cantire.com  Role and responsibilities in emergency	1048.sheppard_leslie@ctpag	1048.sheppard_leslie@ctpagent.ca  Role and responsibilities in emergency  Co-ordinate site response		
o-ordinate site response if agent unavailable.	- Parties - Part			
3. Local Fire Services - Key Contact	7. Propane Supplier Key (	Contact Person		
lame rank Lamie	Name Superior Propane Hotline	For Office Use - Party No		
Official Title eputy Fire Chief - Fire Prevention, Toronto Fire Service	Official Title			
elephone No. 16-338-9054 Fax No.	Telephone No. 1-877-873-7467	Fax No.		
-mail mie@toronto.ca	E-mail			
ole and responsibilities in emergency	Role and responsibilities in	emergency		
o-ordinate/advise on Toronto Fire Service response. Liaise with polic	de. Identify and dispatch Superior personnel as required.	Identify and dispatch Superior Propane and or LPERGC emergency respons		
Local Fire Services - Alternate Contact	8. Municipal Contact			
ame n Stoops	Name Joanne Battaglia			
official Title  Vivision Chief - Fire Prevention	Official Title Zoning Examiner, City of Toro	onto		
elephone No. Fax No. Fax No.	Telephone No. 416-395-7553	Fax No. 416-395-7589		
-mail cops@toronto.ca	E-mail jbattagl@toronto.ca			
ole and responsibilities in emergency	Municipality			
ernate - Co-ordinate/advise on Toronto Fire Service Response. Lia h police.	ise City of Toronto			

I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print)	Official Title		
Marcello Oliverio	Chief Engineer - Superior Propane		
Signature MM Muuis	Telephone No. 905-285-2480 ext. 5327	Date (dd-mm-yyyy)	
S 09195 (11/10) Page 5 o 15			



14th Floor - Centre Tower 3300 Bloor Street West Safety Authority Fax: 416.231.4903 Toronto Ontario M8X2X4 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)

2. Additional Safety Measures

Describe any other measures in place at the facility that exceed the minimum Code and Standards requirements.
Emergency Shut Off push button to shut down pump and close solenoid valve upstream of dispensing hoses.

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		
Marcello Oliverio	Chief Engineer - Superior Propane	İ	
Signature	Telephone No.	Date (dd-mm-yyyy)	
1/1/17 1/00/4/4/4	905-285-2480 ext. 5327	10-01-2011	

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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)

3. Record of Emergency Training Provided - For most recent 12-month period.

Training on Emergency Re	sponse Plan and Procedures provided to facility key contacts.
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
N/A New Facility	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 Em	nergency Management Procedures provided to staff.
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
N/A New Facility	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 pro	vided to certificate holders / persons with Records of Training.
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
N/A New Facility	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:

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	
Marcello Oliverio	Chief Engineer - Superior Proane	
Signature /////	Telephone No.	Date (dd-mm-yyyy)
Signature Militaria	905 - 285 - 2480 ext. 5327	10-01-2011

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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	esponse Plan and Procedures provided to facility key contacts.
Target Date (dd-mm-yyyy)	Print Name of Training Provider: Superior Propane
On Start-up	Print Name of Instructor: to be arranged
Target Date (dd-mm-yyyy)	Print Name of Training Provider: Superior Propane
Q4 2011	Print Name of Instructor: to be arranged
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
4	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: Superior Propane
On Start-up	Print Name of Instructor: to be arranged
Target Date (dd-mm-yyyy)	Print Name of Training Provider: Superior Propane
Q4 2011	Print Name of Instructor: to be arranged
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
-	Print Name of Instructor:
On-site specific training pro	vided to certificate holders / persons with Records of Training.
Target Date (dd-mm-yyyy)	Print Name of Training Provider: Superior Propane
On Start-up	Print Name of Instructor: to be arranged
Target Date (dd-mm-yyyy)	Print Name of Training Provider: Superior Propane
Q4 2011	Print Name of Instructor: to be arranged
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

Name of person completing this form (please profit)	Official Title	
Marcello Oliverio	Chief Engineer - Superior Propand	ie
Signature (MM)	Telephone No.	Date (dd-mm-yyyy)
C/////////////////////////////////////	905-285-2480 ext. 5327	10-01-2011



**Warnings and Actions** 

Technical Standards and 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 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

Procedures" placard, if it is safe to do so.	nergency services by calling 911 and will provide warnings outlined in the attached "Propane Emergency Response
Procedures placard, it it is sale to do so.	Will also Call key Site contacts if possible.
Donath and Arabi table	
	by whom when a warning is issued (including details of a meeting place in a safe identified area and
activating the evacuation plan, if necess  Actions and warnings will be taken by on d	iary). Iuty ROT person(s) as per attached ERP placard. Only a few gas bar staff will be on duty when operating the
	be on Sheppard Avenue, 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
The traction facility to the Whoe open died	anoming people to sen evacuate.
Communication with Emergency Re	esponse Authorities
Describe when and how the licence hold	der will give early warning to emergency response authorities (including a process to ensure that a call is
placed to 911).	
	rson 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 appropr	riate emergency response actions. When the system is not in operation, the ISC valve (main isolation valve) is
closed, and the propane system is unattend	ded. 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.
	de open store parking lot area that is easily accessible by two lane roads to the north from Sheppard Avenue and
via one access road to the south of the part	king lot. These fire access routes are identified in the attached site plan.
Describe how the licence holder will ensu	ure continual flow of updated information to authorities.
	cense holder is (a) the fill level in the tank and (b) entry of propane vapour into the underground parking lot.
	perspective (a near empty tank will BLEVE sooner than a full tank if there is fire impingement on the tank).
	norities by agent - Lorella Umbertinese, time permitting. Entry of propane vapour into the underground parking lot
can only be provided by the on-duty ROT p	erson or by-standers.
How long will it take the facility liaison	
Approximately 1-hour, after having received	i the emergency call.

# 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 complet	ting	Ahis form (please print)	Official Title	
Marcello Oliverio	4	h	Chief Engineer - Superior Propane	
Signature /	///	//	Telephone No.	Date (dd-mm-yyyy)
- CM	X/	lluis	905-285-2480 ext. 5327	10-01-2001
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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 B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)		
	The licence holder will complete Section B in consult	ultation with the local Fire Services.	
L	6. Building and Site Security and	nd Procedures	
		Yes No	
1.	Does the propane location have controlled access to limit unnecessary risk a (lock out procedures)?	k and entry	
2.	Is there adequate night lighting at the site?		
3.	Are procedures in place that ensure access routes, aisles, storage area, filling and the grounds are kept clear from unwanted materials?	ng areas	
4.	Are there procedures that capture and record the daily inspection of hoses are inspection requirements for filling systems and mechanical devices used in the transfer of propane?	and the	
5.	Does the facility have procedures that include a process to isolate and purge overfilled propane cylinders?	ge any	
6.	Are weighing systems validated for accuracy?		
7.	Are storage areas clearly marked with the vessels' capacity status (i.e., filled, purged and other hazardous materials)?	ed, empty,	
8.	Are quality assurance procedures in place to ensure that all valves are closed the propane cylinders are filled?(e.g., QCC valves)	ed after	
9.	Is the schedule of maintenance and testing activities retained on site?		
	7. Water Supply	/	
The supp	propane licence holder should work with the local fire department to determine ply capabilities that are available based on the propane facility's location.  Is a pressurized water system available at the propane facility site?	ne water Yes No ✓	
2.	Can the municipal fire department pump 375 GPM (1420 LPM) of water at the location?	t this	
3.	What is the unobstructed distance to the closest water supply that could be unfirefighting activities? (distance in metres only)	used for 77 m	
4.	What is the unobstructed distance to the closest approved water supply with round access if there are no hydrants? (distance in metres only)	ith year N/A	
	Declaration: I am aware that it is an offence to give fals I hereby declare that the information I have give	lse information in this document and ven here is true and complete.	
	e of person completing this form (please print) ello Oliverio	Official Title Chief Engineer - Superior Propane	

Telephone No.

905-285-2480 ext. 5327

Date (dd-mm-yyyy)

10-01-2011

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Signature



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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

A second		
To be completed by the Local Fire Services  Has the local fire service had an opportunity to review the Emergen	cy Response and Preparedness Plan?	Yes No
If not, please explain (e.g., no fire services).		
Fire services comments, if any:		
PLEASE NOTIFY ME WHEN TRAF	Jun 15 Condiet	£ \$ 517E
IS OPEN FOR CALES. I G	SILL APPRANTE FO	OPE OPERATION
STAPP SITE VISITS		
To be completed by the Licence Holder		
In response to the above comments, the following action(s) is require	3 <b>0:</b>	
ामा । । । । । । । । । । । । । । । । । ।		
The state of the s		
The licence holder will respond to the Local Fire Services commer		ım•yyyy)
LOCALF	IRE SERVICES	
아는 보는 사람들은 보는 것이 하는 사람들은 그 경험을 받다.		
The undersigned has reviewed Section B of the Risk and Safety	y Management Plan Fire Services.	
Print name	Signature	Date (dd-mm-yyyy)
Local Fire Services Name FRANK LAMIE		01/12/11
Cocal File del vices maine / / - // - / - / - / - / - / - / - / -	net re-	U1/400 11

Name of person completing this form (please print)	Official Title
Signature	Telephone No. Date (dd-mm-yyyy)



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

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-r 10-01-2011	nm-yyyy)	Capacity of single largest pro 2000	pane storagevessel (USWG)
Tank setback coordinates. Front:	50 / 113	ne map. Right side property I	ine: 142 m (east)
Rear:	118 m (south)	Left side property lin	e: 38 m (west)
GPS coordinates of single	largest vessel: 43.77	70043, -79.372522	

Name of person completing this form (please print)	Official Title	
Marcello Oliverio	Chief Engineer - Superior Propane	
Signature	Telephone No.	Date (dd-mm-yyyy)
Wy Xluis	905-285-2480 ext. 5327	10-01-2011



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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 (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:

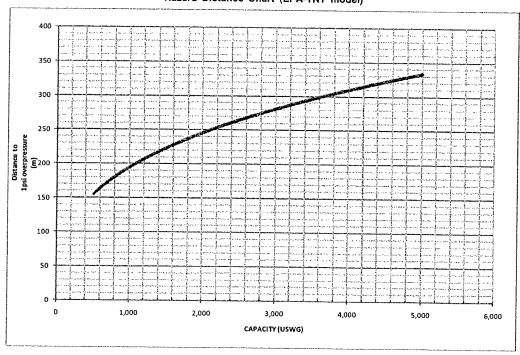
Density of Propane is 0.5033 kg per litre @ 15 C

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 here —	Official Title		
Signature	Telephone No.	Date (dd-mm-yyyy)	



14th Floor - Centre Tower 3300 Bloor Street West Safety Authority
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		V	- P	ier F	relds
	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") 0 1 2-10 11+		Tank to Closest Building or		
Industrial Name:	buildings or parks or golf courses  None				114	reature
Address:		$+$ $\times$				m
City:	Province Postal Code					
Residenti	al building units specifically permanent single family dwallings condominiums and account of the second or					
					Х	m
Commerci Name:	ial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes.  Canadian Tire Store (nearest)					
	1019 Shennard Avenue	1				59
City:	Toronto Province Ont Postal Code M2K 1C2				X	m
Commerci Name:	al building units – continuous occupancy specifically hotels, campgrounds, and resorts.  None					
Address:		X				m
City:	Province Province Postal Code					
nsututions	nstitutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health, and prisons.  None					
10.0001.000.000	Notice	Х	- 1	- 1		m
City:	Province Postal Code					
Emergency Name:	responders specifically fire stations, ambulance stations, and police stations.				-	
ddress:		×				
City:	Province Postal Code	^				m

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

( N	given here is true and complete.	
Name of person completing this form (please print)  Marcello Oliverio	Official Title	
//	Chief Engineer - Superior Propane	
Signature Milliams	Telephone No. 905-285-2480 ext. 5327	Date (dd-mm-yyyy)
FS 09195 (11/10) Page 14 of 6		



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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 (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	417.6
# 10	2.9		
# 5	1.5		

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

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

Total Cylinder Capacity	280 USWG
Total Tank Capacity	0
Total Portable Capacity	280 USWG

	Official Title Chief Engineer - Superior Propane		
Signature	Telephone No. 905-285-2480 ext. 5327	Date (dd-mm-yyyy) 10-01-2011	

