Technical

14th Floor - Centre Tower 3300 Bloor Street West | 3300 Bloor Street West | Toronto Ontario MBX 2X4 | Fax: 416.231.4903 | Customer Service: 1.877.682.8772

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

This Level 1 RSMP applies to: a facility with a total propane storage capacity of 5,000 USWG or less; or
a facility with a fixed propane storage capacity of exactly 5,000 USWG and no more than 500
USWG of portable propane storage capacity on site.

				OSWG of portable prope	ino storago sapaony		
	F Ma	aking a f	alse statement m	nis form may result in rejection ay result in a fine or prosecu Standards and Safety Act	on. tion	For O	ffice Use Only 10 LI
Lice	nce Number	003385	7001-C				2 2 2013
Chec	k applicable type	of propan	e operations.			SR#.	
	✓ Cylinder		Motor FIII	Filling Plant	Gard/Keylock	Ottw.	
Subn	nlt along with this o	completed	application a Facilit	y Site Plan and a Map of the Surro	unding Area.		
						Recognization to Manager	
				SECTION A: GEN	ERAL INFORM	ATION	
The	Undersigne	d appl	les to TSSA t	or a review for an RSI	IP under Ontario	's Technical Standard	Is and Safety Act,
	Company Name					Onlario	Corporation No., If applicable
A	Canadian Tire	Corpora	atlon				
	Operator Name	(if differen	t from above)				
	Telephone No.		Fax No.	E-mall			1
	(416) 544-760	8	N/A	John Lastoria@can	tire.com	www.awa	
B	Street No.			umber / Address, if applicable			1
	2180		onge Street		Dead	luna	Postal Code
	Town / City or T	ownsnip /	County		Provi	IIC9	M4S 2B9
	Toronto	16 all	Wayant from abo		Jon		I III I I I I I I I I I I I I I I I I
	Street No.		fferent from abo Street Name / 911 N	lumber / Address, if applicable			
C	-	- 1		ition K (Account #34421)			
	Town / City or To				Prov	/ince	Postal Code
	Toronto				ON		M4P 3J5
In			ner Refill Centr	e or Filling Plant			
	Location of fac Street No.		Street Name / 911 N	umber / Address, if applicable	Neo	rani Malay Interpolition	
D	1080	1	/ictoria Street	unibor / Address, il applicable		rest Major intersection irla Street and Frederick Str	eet I
	The second second						Postal Code
	Town / City or To	ownship /	County		Provi	ince	N2B 3C4
	Kitchener		er e		ON		1120 004
	Name of Licence	Holder			1		
	John Lastoria						
-		or Manage	ment person as def	ined in the regulation holding the	Record of Training (ROT), ROT ty	vpe
Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT), ROT type Glenn Butt 100-08							
		munlalna	illes if the feelily or	Its hazard distance touches multi	inle hardere)		
				Its ligzard distance touches much	pie porders/		1
	Regional Munic	cipality of	VVaterioo				
							200

This document is valid until the next licence renewal date. You are required by law to notify TSSA of any change of information. Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Print name	Signature	Date (dd-mm-yyyy)
Name of Licence Holder _ John Lastoria	ga	17-042013
Name of Senior Management person as defined in the		17-04-2013
Regulation holding the Record of Training Glenn Butt		



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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, 1995	Indicate the year of any significant mo 2013 - rebuild	difications, as	s defined in s.1, O.Reg 211/01, since establishment.
Identify the psig rating and serial number for ea	ach fixed propane storage tank on site.		
PSIG Tank1: 250 PSIG	Serial Number unknown at this time		
Tank2:	and the second s		
Tank3:			
Enter capacity of propane in USWG, fixed, por	table, and mobile, and provide detailed	inventory th	at includes the number of tank/vessel for
each type (fixed, portable, and mobile) and the			
Fixed: 2000 USWG	Portable: 500 USWG		0 USWG

H & S Specialist	
: H & S Specialist	
Telephone No.	Date (dd-mm-yyyy)
(416) 544-7608	16-04-2013
	100



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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)

Superior Propane - Guelph Street No. Street Name / 911 Number / Address, if applicable Town / City or Township / Country Guelph Telephone No. Fax No. Contact Name Chris van Herksen, Market Manager E-mall vanherkc@superiorpropane.com Off-site Cylinder and/or Mobile Storage None Street No. Street Name / 911 Number / Address, if applicable Town / City or Township / Country Town / City or Township / Country Town / City or Township / Country Telephone No. Fax No. Contact Name Chris van Herksen, Market Manager For Office Use - Party No. Province Postal Code Telephone No. Fax No. Contact Name		ic cupplici(s)			1	i di Olligo odo	Party No.
Province ON Postal Code Nith 8J1 Province ON Postal Code Nith 8J1	Superior Propane -						100 March 2011
Town / City or Township / Country Guelph Telephone No. Fax No. Fax No. For Desire Graham, Ontario Operations Manager Fermall grahamb@superiorpropane.com For Office Use - Party No. Superior Propane Transporter. If same as above, please check box. Superior Propane - Guelph Street No. Street Name / 911 Number / Address, if applicable Wellington Road 124 S Town / City or Township / Country Province ON For Office Use - Party No. Postal Code N1H 6L3 For Office Use - Party No. Contact Name ON N1H 6L3 For Office Use - Party No. Postal Code N1H 6L3 For Office Use - Party No. Contact Name ON N1H 6L3 For Office Use - Party No. For Office Use - Party No. Street Name / 911 Number / Address, if applicable Capacity stored off-site, in USWG For Office Use - Party No. For Office Use - Party No. Street No. Street Name / 911 Number / Address, if applicable Form / City or Township / Country Province Postal Code For Office Use - Party No. For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. For Office Use - Party No. Contact Name Contact Name Contact Name For Office Use - Party No. Contact Name Contact Name Contact Name Contact Name	Street No.	Street Name / 911 Number / Addres	ss, if applicable				and the second s
Buelph Contact Name Contact Name Bruce Graham, Ontario Operations Manager	:51	Woodlawn Road West, Unit 217					
Bruce Graham, Ontario Operations Manager E-mail grahamb@superforpropane.com Name of Propane Transporter. If same as above, please check box. Street No. Street Name / 911 Number / Address, if applicable Veilington Road 124 S For Office Use - Party No. Street No. Province Postal Code N1H 6L3 Felephone No. Fax No. Contact Name Chris van Herksen, Market Manager Christe Cylinder and/or Mobile Storage Capacity stored off-site, in USWG For Office Use - Party No. For Office Use - Party No. For Office Use - Party No. Contact Name Province Postal Code N1H 6L3 For Office Use - Party No. For Office Use - Party No. For Office Use - Party No. Contact Name Chris van Herksen, Market Manager Capacity stored off-site, in USWG For Office Use - Party No. For Office Use - Party No. Province Postal Code Postal Code For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity stored off-site, in USWG For Office Use - Party No. Capacity	and the second section of the second	ownship / Country					A CONTRACTOR CONTRACTOR
Adme of Propane Transporter. If same as above, please check box. Graph Propane Propane Province Postal Code	elephone No.	Fax No.	Contact Na	ame			
rahamb@superiorpropane.com Iame of Propane Transporter. If same as above, please check box. For Office Use - Partiv No.	19) 829-9845	519-836-7766	Bruce Graha	am, Ontario Operations Man	ager		
well of Propane - Guelph Street No. Street Name / 911 Number / Address, if applicable Wellington Road 124 S Town / City or Township / Country Province ON Province ON N1H 6L3 Telephone No. Fax No. Contact Name Chris van Herksen, Market Manager F-mail anherkc@superiorpropane.com Off-site Cylinder and/or Mobile Storage One Street Name / 911 Number / Address, if applicable Fown / City or Township / Country Province Postal Code ON Province Postal Code N1H 6L3 For Office Use - Party No. One		orpropane.com				alia e sila Gellessa, Indo	
Province Postal Code N1H 6L3 Province Postal Code N1H 6L3			please check bo	эх.		For Office Use -	Party No.
Guelphone No. Fax No. Contact Name Chris van Herksen, Market Manager E-mail ranherkc@superiorpropane.com Capacity stored off-site, in USWG For Office Use - Party No. Contact Name Chris van Herksen, Market Manager Capacity stored off-site, in USWG For Office Use - Party No. Contact Name Contact Name / 911 Number / Address, if applicable Cown / City or Township / Country Province Postal Code Contact Name	HELDER MANAGER IN THE PARTY OF	The second of th	ss, if applicable				
Chris van Herksen, Market Manager Capacity stored off-site, in USWG For Office Use - Party No. Province Postal Code Contact Name Province Postal Code		ownship / Country					
Off-site Cylinder and/or Mobile Storage Capacity stored off-site, in USWG For Office Use - Party No. Street No. Street Name / 911 Number / Address, if applicable Town / City or Township / Country Province Postal Code Telephone No. Fax No. Contact Name		N 1969-0 UNIVERS					-
one Street No. Street Name / 911 Number / Address, if applicable Town / City or Township / Country Telephone No. Fax No. Contact Name		orpropane.com		9			
Town / City or Township / Country ProvInce Postal Code Telephone No. Contact Name		and/or Mobile Storage		Capacity stored off-site,	in USWG	For Office Use -	Party No.
Telephone No. Fax No. Contact Name	Street No.	Street Name / 911 Number / Addres	s, if applicable				
	own / City or To	ownship / Country			Province	7	Postal Code
	elephone No.	Fax No.	Contact Na	ame	K		
ote: Customer storage is not considered off-site storage.	ote: Customer st	orage is not considered off-site stor	age.		W. W		

Name of person completing this form (please print) John Lastoria	Official Title E H & S Specialist		
Signature Signature	Telephone No. (416) 544-7608	Date (dd-mm-yyyy) 17-04-2013	



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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. Gasoline; maximum amount - 125,000 litres and storage location - stored underground (to the right of the propane tank/due north).
Diesel; maximum amount - 25,000 litres and storage location - stored underground (to the right of the propane tank/due north).
An MSDS for regular unleaded gasoline is provided herein. The MSDS for premlum gasoline and diesel fuel are similar and not included.
Description of fire and emergency equipment indicated on facility site map. Fire Extinguishers - Type 20 lb. ABC
Locations; 1. inside gas bar kiosk, 2. on columns by the gasoline dispensers, and 3. at the propane filling station.
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. ISC valve interlock bar (interlocked with cabinet door) - ISC valve closes when door is closed.
2. Fusible link on ISC valve - isolation valve between the tank and the downstream propane dispensing equipment.
3. Emergency Stop Buttons - one is located at the cash inside the gas bar building and one is located on a bollard surrounding the propane tank.
4. Power supply breaker inside the kiosk. 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:
1. Pumps (Pump every 3 months; Pump Motor: check belts monthly; grease motor every 6 months) 2. ISC Valves (test for closure every 6 months)
3. Fusible links - inspected every 6 months 4. Storage tank Relief Valves - inspect every 2 years; replacement schedule as per provincial regulations.
5. Fire extinguishers maintained by Canadian Tire in accordance with provincial regulations.

Name of person completing this form (please print) John Lastoria	Official Title E H & S Specialist	
Signature	Telephone No. (416) 544-7608	Date (dd-mm-yyyy) 17-04-2013



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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	on a second		
Name Samar Elech	For Off	fice Use - Party No.	Name Samar Elech			
Official Title Agent			Official Title Agent			
Telephone No. (519) 576-4180	Fax No. (519) 576-4180		Cell No. Fax No. (519) 221-3733 (519) 272-1893			
E-mail 1689.kitchener@ctpagent.ca			E-mail 1689.kitchener@ctpagent.ca			
Role and responsibilities in emergenc	у		Role and responsibilities in emerger	ncy		
Coordinate site response			Coordinate site response			
2. Facility Contact Personnel - Al	ternate Contact)		6. Name of Facility Manager			
Name Ronald Rameshnauth	For Off	ice Use - Party No.	Name Samar Elech		For Office Use - Party No.	
Official Title Regional Business Manager			Official Title Agent			
Telephone No. (416) 452-4929	Fax No. (905) 257-9093		Telephone No. w (519) 576-4180 or c (519) 221-3733	Fax No. (519) 272-1893		
E-mall	d-1		E-mail			
ronald.rameshnauth@cantire.com			1689.kitchener@ctpagent.ca			
Role and responsibilities in emergency	y		Role and responsibilities in emergency			
Coordinate site response if agent unavailable			Coordinate site response			
3. Local Fire Services - Key Contact			7. Propane Supplier Key Contact	Person	- P [ii]	
Name Timothy Beckett	For Offi	lce Use - Party No.	Name Superior Propane Hotline		For Office Use - Party No.	
Official Title Fire Chief, Kitchener Fire Department	E-mail timothy.beckett@	kitchener.ca	Official Title E-mail N/A			
Telephone No. (519) 741-2200 x5500	Fax No. (519) 741-2697		Telephone No. 1-877-873-7467	Fax No. N/A		
Role and responsibilities in emergency Coordinate/advise on Fire Service Respon		ce.	Role and responsibilities in emergency Identify and dispatch Superior Propane and or LPERGC emergency response personnel as required.			
Fire Services Address 270 Strasburg Road, Kitchener, ON N2E 3	BM6		Propane Supplier Address 7022 Wellington Road 124 S, Guelph, ON N1H 6L3			
4. Local Fire Services - Alternate C			8. Municipal Contact			
Name Phil Mellor	For Offi	ice Use - Party No.	Name Jenn Grein		-	
Official Title Assistant Chief Fire Prevention Officer	E-mall phil.mellor@kitch	ener.ca	Official Title Chief Administrative Officer/Corporate	Project Assistant		
Telephone No. Fax No. (519) 741-2200 x5505 (519) 741-2697		Telephone No. (519) 741-2200 x7092	Fax No. N/A	2		
Role and responsibilities in emergency Alternate - Coordinate/advise on Fire Service Response. Liaise with police.			E-mall jenn.grein@kitchener.ca			
Fire Services Address			Municipality Name and Address			
270 Strasburg Road, Kitchener, ON N2E 3M6			City of Kitchener, PO Box 1118, Clerk's Office, 2nd Floor, Kitchener, ON N2G 4G7			

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	
John Lastoria	E H & S Specialist	
Signature	Telephone No.	Date (dd-mm-yyyy)
	(416) 544-7608	17-04-2013

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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	
John Lastoria	E H & S Specialist	
Signature	Telephone No.	Date (dd-mm-yyyy)
	(416) 544-7608	17-04-2013



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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 Resp	onse Plan and Procedures provided to facility key contacts:
Training Date (dd-mm-yyyy)	Print Name of Training Provider: FSN Training
16-01-2012	Print Name of Instructor: Barry Tourgis
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 Emer	gency Management Procedures provided to staff.
Training Date (dd-mm-yyyy)	Print Name of Training Provider: Site Key Contact trained Staff
24-06-2012	Print Name of Instructor; Samar Elech
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 provid	ded to certificate holders / persons with Records of Training.
Training Date (dd-mm-yyyy)	Print Name of Training Provider: Propane Training Institute trained CTC employee Jeff Roy
27-03-2012	Print Name of Instructor: Mike Mortin
Training Date (dd-mm-yyyy)	Print Name of Training Provider: Propane Training Institute trained CTC employee Nichelle Robertson
28-05-2012	Print Name of Instructor: Mike Mortin
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
to be arranged as required	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.

Official Title	
E H & S Specialist	
Telephone No. (416) 544-7608	Date (dd-mm-yyyy) 17-04-2013
	E H & S Specialist 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 (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, FSN, or other	
TBA - 2013	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	nergency Management Procedures provided to staff.	
Target Date (dd-mm-yyyy)	Print Name of Training Provider: Key site contact to train staff	
TBA - 2013	Print Name of Instructor: Key site contact	
Target Date (dd-mm-yyyy)	Print Name of Training Provider:	
LOSSING MODELS OF DEED CONTRACTOR OF COMMISSION OF COMMISS	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, or other	PLEASE NOTE - a ROT is valid for 3 years
As Required	Print Name of Instructor: to be arranged as required	
Target Date (dd-mm-yyyy)	Print Name of Training Provider:	
	Print Name of Instructor:	2
Target Date (dd-mm-yyyy)	Print Name of Training Provider:	
	Print Name of Instructor:	

Official Title	
E H & S Specialist	
Telephone No. (416) 544-7608	Date (dd-mm-yyyy) 17-04-2013
	E H & S Specialist Telephone No.



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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.

5. Emergency Response Communications Plan

Warn	inas	and	Act	ions
WW CALLE	HING			

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate). The operator or alternate (both ROT staff) will contact emergency services by calling 911 and will provide warnings outlined in the attached "Propane Emergency Response Procedures" (to be posted at site and be part of employee training). If it is safe to do so, this could involve advising neighbors to evacuate. The 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 operator or alternate should first follow the actions in the ERP provided herein. Staged evacuation, if the release of propane cannot be stopped by cutting electrical power may be required. The muster location is back of the facility, near the retail store, 60m away from the site and away from a dispersing propane cloud.(Note a specific muster point is not advisable since a propane plume can blow in any direction) Subsequent evacuation instructions, potentially up to the

Hazard Distance to be provided by municipal emergency responders. Residences and businesses beyond the site boundary to be notified by municipal ER'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/ events and implement the appropriate emergency response actions and notifications, including notifying emergency responders. Calling 911 will occur immediately after any attempts to shut down the system. When the system is not in operation, the ISC valve (main isolation valve) is closed, and the propane system is unattended, but shut down. Any accidents 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 store parking lot area that is easily accessible from Victoria Street. 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 information on how to shut the system down and the fill level in the tank (if known). This information will be provided to the authorities by agent - Samar Elech. 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). How long will it take the facility liaison person to respond to the site. It would take 24-hour contact, Samar Elech, approximately 30-minutes to arrive on-site after having received the emergency call.

Name of person completing this form (please print) John Lastoria	Official Title E H & S Specialist	
Signature	Telephone No. (416) 544-7608	Date (dd-mm-yyyy) 17-04-2013
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7.

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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. 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? Are procedures in place that ensure access routes, aisles, storage area, filling areas 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. Yes No 1 Is a pressurized water system available at the propane facility site? 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 50 m firefighting activities? (distance in metres only) What is the unobstructed distance to the closest approved water supply with year N/A round access if there are no hydrants? (distance in metres only)

Official Title	
Telephone No.	Date (dd-mm-yyyy)
	E H & S Specialist



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 3300 Bloor Street West

 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

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

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

The American American American American Control of the Control of	ocal Fire Services Review	
To be completed by the Local Fire Services Has the local fire service had an opportunity to review the Emergency I If not, please explain (e.g., no fire services).	Yes Response and Preparedness Plan?	No
Fire services comments, if any:		
	2	
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 FIR	E SERVICES	
The undersigned has reviewed Section B of the Risk and Safety N	lanagement Plan Fire Services.	
Print name	Signature	Date (dd-mm-yyyy)
Local Fire Services Name		

Name of person completing this form (please print)	Official Title	
John Lastoria	E H & S Specialist	
Signature	Telephone No.	Date (dd-mm-yyyy)
70-	(416) 544-7608	17-04-2013



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.
- 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 26-03-13	nm-yyyy)	Capacit 2000 US	ity of single largest propane ISWG	storagevessel (USWG)
Tank setback coordinates. Front:		nt on the map.	Right side property line:	145 m
Rear:	70 m		Left side property line:	10 m
GPS coordinates of single	largest vessel:	Lat. 43.4659 ar	nd Long80.4605	

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 t	nis form (please print)	Official Title	
John Lastoria		E H & S Specialist	
Signature		Telephone No. (416) 544-7608	Date (dd-mm-yyyy) 17-042013

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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 psl 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 psl (meters)

C= Tank Total Capacity in USWG

Parameters:

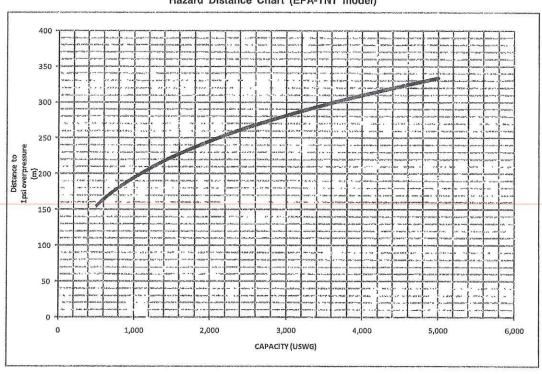
Density of Propane is 0.5033 kg per litre @ 15 C

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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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

B	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+		
Name: _ Address: _	pulldings or parks or golf courses multiple industrial buildings 400+ m away Province Postal Code	х				0m
					х	125m
Name: _ Address: _	al building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Canadian Tire Retail Store, Home Hardware, & Other Retailers Province Postal Code			Х		m
Name: _ Address: _	None Province Postal Code	х				0 m
institutions, Name: _ Address: _	nstitutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health and prisons. None ProvincePostal Code	х				0 m
Name: _ Address: _	responders specifically fire stations, ambulance stations, and police stations. None Province Postal Code	х				0 m

t plotosy abolato that are information that o given note to a de and complete.					
Name of person completing this form (please print)	Official Title				
John Lastoria	E H & S Specialist				
Signature	Telephone No.	Date (dd-mm-yyyy)			
	(416) 544-7608	17-04-2013			

^{*} For multi-unit buildings, count each unit as "1".



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Level 1 Risk and Safety Management Plan (RSMP) Technical Standards and Safety Act

Propane Storage and Handling Regulation

WORKSHEET

Portable Storage Additional Information Worksheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5	2	59
# 40	11.75		
# 33.3	9.62	10	96
# 30	8.8	5	44
# 20	5.8	50	290
# 10	2.9		
# 5	1.5	5	8

Tanks Stored On-site Not Connected for Use

Tank Size In USWG	Quantity	Total Volume in USWG
		THE RESIDENCE OF THE PROPERTY
Tank Capacity 0 USWG		

Total Cylinder Capacity	500 USWG
Total Tank Capacity	0 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	500 USWG

