



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 Tel: 416.734.3300
 Fax: 416.231.4078
 Customer Service: 1.877.682.8772
 propaneLICensing@tssa.org
 www.tssa.org

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.

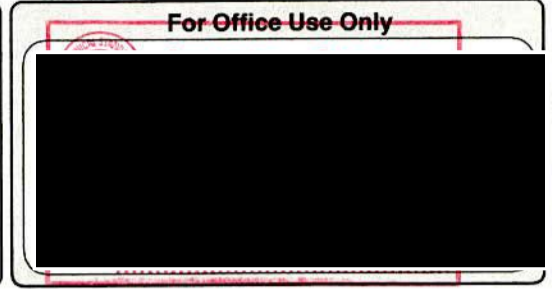
**Failure to fully complete this form may result in rejection.
 Making a false statement may result in a fine or prosecution
 under the *Technical Standards and Safety Act***

Licence Number 000186357

Check applicable type of propane operations.

Cylinder Motor Fill Filling Plant Card/Keylock

Submit along with this completed application a Facility Site Plan and a Map of the Surrounding Area.



SECTION A: GENERAL INFORMATION

The Undersigned applies to TSSA for a review for an RSMP under Ontario's *Technical Standards and Safety Act*, Propane Storage and Handling Regulation.

Company Name United Rentals of Canada Inc. Corporation No. 1870944

Operator Name (if different from above)
United Rentals

Telephone No. 888.664.5007 Fax No. 416.529.0227 E-mail jfisher3@ur.com

Street No. 11 Street Name / 911 Number / Address, if applicable Mars Road

Town / City or Township / County Etobicoke Province Ontario Postal Code M9V 2K2

Mailing address if different from above.

Street No. 11 Street Name / 911 Number / Address, if applicable Mars Road

Town / City or Township / County Etobicoke Province Ontario Postal Code M9V 2K2

Information on Container Refill Centre or Filling Plant

Location of facility.

Street No. 11 Street Name / 911 Number / Address, if applicable Mars Road Nearest Major Intersection Highway 27 & Albion Road

Town / City or Township / County Etobicoke Province Ontario Postal Code M9V 2K2

Name of Licence Holder Scott Fisher

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT). Scott Fisher ROT type 100-11

Municipality (or municipalities if the facility or its hazard distance touches multiple borders)
Municipality of Toronto



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-mmm-yyyy)
Name of Licence Holder <u>Scott Fisher</u>		<u>24-03-2018</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Ryan Rego</u>		<u>24-03-2018</u>



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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, since establishment.
 2005 None


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

	PSIG	Serial Number
Tank 1:	250 psig	9D79-7463-1
Tank 2:	_____	_____
Tank 3:	_____	_____

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

Fixed: 1000 USWG Portable: 2238.5 USWG Mobile: 0 USWG

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Name of person completing this form (please print)		Official Title	
Nicaise Shillingford		Operations Manager	
Signature 		Telephone No.	Date (dd-mmm-yyyy)
		888.664.5007	22-03-2018



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SECTION A: GENERAL INFORMATION (cont'd)
 Activity Information

Name of Propane Supplier(s) Superior Propane			For Office Use - Party No.		
Street No. 7022	Street Name / 911 Number / Address, if applicable Wellington Road 124S				
Town / City or Township / Country Guelph			Province Ontario	Postal Code N1H 6L3	
Telephone No. 519-831-6564	Fax No. N/A	Contact Name Chris Van Herksen			
E-mail vanherkc@SuperiorPropane.com					

Name of Propane Transporter. If same as above, please check box. <input type="checkbox"/>			For Office Use - Party No.		
Trimac Transportation					
Street No. 1700-800	Street Name / 911 Number / Address, if applicable 5th Avenue SW				
Town / City or Township / Country Calgary			Province Alberta	Postal Code T2P 5A3	
Telephone No. 403.298.5100	Fax No. 403.298.5146	Contact Name Dale Eaid			
E-mail N/A					

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	

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

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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN

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

Description of the maximum volume, types and storage location of other hazardous materials on site, if any.

Clear Diesel fuel = 4163 litre on-ground tank; Dyed Diesel fuel = 4163 litre on-ground tank; Gasoline Unleaded = 1892 litre on-ground tank. All tanks

located at refuel station situated in south section of yard. Waste oil and antifreeze storage area outside at east section of yard.

Oil & antifreeze stored at truck inspection bay. Portable gas can & compressed O2, Argon & CO2 gas stored outside on east side of shop.

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

Fire extinguishers located throughout the Shop and corporate office, and at fixed vertical propane storage tank.

City of Toronto hydrants located as follow: 1. 75' northwest of propane station on Baywood Road; 2. 100' southeast of propane station on Baywood Road.

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.

The tank is equipped with a fusible link that will melt in case of a fire. This will close the internal valve and stop any flow of propane to the cylinder being filled. There will be a remote emergency shutdown button at the tank to stop the pump. There are no other special features at this site.

Sprinkler system, emergency lighting system, fire extinguishers located throughout the repair shop and corporate offices.

Maintenance and testing schedule for fire protection controls and devices.

The propane equipment and ESD is inspected annually by the propane supplier. Copies of the inspection reports are keep on site. The fire extinguishers are checked monthly and retested annually for proper operation.

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

1. Contacts for Emergency Response

1. Facility Contact Personnel - Key Contact		5. Facility 24-Hour Contact Person	
Name Brad Neilsen	For Office Use - Party No.	Name Brad Neilsen	For Office Use - Party No.
Official Title Branch Manager		Official Title Branch Manager	
Telephone No. 888.664.5007	Fax No. 416.679.8492	Cell No. 416.771.7908	Fax No. 416.679.8492
E-mail bneilsen@ur.com		E-mail bneilsen@ur.com	
Role and responsibilities in emergency To insure all employees are trained in the Emergency Plan annually and to make sure all equipment is maintained and operational. Calls 911		Role and responsibilities in emergency Same as Item 1	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Nicaise Shillingford	For Office Use - Party No.	Name Brad Neilsen	For Office Use - Party No.
Official Title Operations Manager		Official Title Branch Manager	
Telephone No. 416-529-0227	Fax No. 416.679.8492	Telephone No. 888.664.5007	Fax No. 416.679.8492
E-mail nshilling@ur.com		E-mail bneilsen@ur.com	
Role and responsibilities in emergency Assists with Emergency Procedures and makes sure customers and staff have evacuated the buildings.		Role and responsibilities in emergency Coordinates safety plan and calls 9-1-1 in case of emergency and insures all safety equipment is properly tested and maintained.	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Jim Jessop	For Office Use - Party No.	Name Superior Propane Hotline	For Office Use - Party No.
Official Title Deputy Fire Chief	E-mail jjessop@toronto.ca	Official Title	E-mail
Telephone No. 416-338-9052	Fax No. 416-338-9271	Telephone No. 1-877-873-7467	Fax No.
Role and responsibilities in emergency Coordinates all Fire Prevention Officers activities and assigns the resources as required during emergencies.		Role and responsibilities in emergency Knows the Emergency Response Group and can arrange for equipment to come to the site in case of emergencies and can coordinate industry response	
Fire Services Address 4330 Dufferin Street ,Toronto,Ontario M3H 5R9		Propane Supplier Address 7022 Wellington Road 124S, Guelph, ON. N1H 6L3	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Jim Stoops	For Office Use - Party No.	Name Ulli S. Watkiss	For Office Use - Party No.
Official Title Division Chief	E-mail jstoops@toronto.ca	Official Title City Clerk	
Telephone No. 416-338-9102	Fax No. 416-338-9527	Telephone No. 416-392-8010	Fax No. 416-392-2980
Role and responsibilities in emergency Fire Prevention officer insuring Fire Code is followed in City and works with Chief to insure adequate resources are available to Department.		E-mail clerk@toronto.ca	
Fire Services Address 4330 Dufferin Street ,Toronto,Ontario M3H 5R9		Municipality Name and Address Toronto City Hall, 13th Floor W ., 100 Queen St. West. Toronto, ON. M5H 2N2	

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


2. Additional Safety Measures

Describe any other measures in place at the facility that exceed the minimum Code and Standards requirements.

The facility is a simple tank installation used to refill propane cylinders. There are no additional safety features or measures that exceed the Propane Code.

The facility does have security cameras located at various locations.

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

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

Training on Emergency Response Plan and Procedures provided to facility key contacts.

Training Date (dd-mmm-yyyy) 21-04-2018	Print Name of Training Provider: United Rentals of Canada
	Print Name of Instructor: Brad Neilsen
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

Training on the facility's Emergency Management Procedures provided to staff.

Training Date (dd-mmm-yyyy) 20-04-2018	Print Name of Training Provider: United Rentals of Canada
	Print Name of Instructor: Brad Neilsen
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

On-site specific training provided to certificate holders / persons with Records of Training.

Training Date (dd-mmm-yyyy) 03-04-2018	Print Name of Training Provider: Fuel Safety Network (FSN)
	Print Name of Instructor: Mike Knoll
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

4. Emergency Training Plan for Coming Year

Training on Emergency Response Plan and Procedures provided to facility key contacts.

Target Date (dd-mmm-yyyy) 11-03-2019	Print Name of Training Provider: United Rentals of Canada
	Print Name of Instructor: Brad Neilsen
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

Training on the facility's Emergency Management Procedures provided to staff.

Target Date (dd-mmm-yyyy) 11-03-2019	Print Name of Training Provider: United Rentals of Canada
	Print Name of Instructor: Brad Neilsen
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

On-site specific training provided to certificate holders / persons with Records of Training.

Target Date (dd-mmm-yyyy) 28-03-2021	Print Name of Training Provider: FSN (Fuel Safety Network)
	Print Name of Instructor: Mike Knoll
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

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

5. Emergency Response Communications Plan

Warnings and Actions

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate). The Emergency Operations Coordinator (EOC) will direct the implementation of the Emergency Response Plan. EOC will direct the Emergency Response Team (ERT) members based upon the EOC's assessment of the situation and will determine whether to implement the Emergency Response Plan, and whether to contact the Emergency Services. Public notification will be in concert with the local municipality Emergency Services. SEE ATTACHED "FIRE ND/OR PROPANE EMERGENCY RESPONSE PROCEDURE"

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). When the EOC determines that the Emergency Response Plan must be implemented the ERT will, where appropriate, be directed to evacuate the building and to have personnel immediately proceed to the designated assembly area. A head count will take place to ensure all personnel have safely exited. An ERT member will be assigned to each entry/exit gate provided it is safe to do so. The EOC will set up an Incident Command Centre in a safe location whereby the emergency response can be safely monitored and directed, in concert with the local municipality Emergency Services.

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). The Emergency Operations Coordinator (EOC) will immediately assess the (emergency) situation to determine if the local municipality Emergency Services are required. If this assessment is affirmative, the EOC will affect an immediate 911 call in order to secure emergency assistance.

Describe provisions for fire department entry when there are no operations or staffing at the propane site. There is an identified "Facility 24 Hour Contact Person" in Section B (page 5).

Describe how the licence holder will ensure continual flow of updated information to authorities. The United Rentals Emergency Operations Coordinator (EOC) is charged with the responsibility to provide updated information to the authorities.

How long will it take the facility liaison person to respond to the site. Approximately 45 minutes.

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

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

6. Building and Site Security and Procedures

	Yes	No
1. Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is there adequate night lighting at the site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Are procedures in place that ensure access routes, aisles, storage area, filling areas and the grounds are kept clear from unwanted materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are there procedures that capture and record the daily inspection of hoses and inspection requirements for filling systems and mechanical devices used in the transfer of propane?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Does the facility have procedures that include a process to isolate and purge any overfilled propane cylinders?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Are weighing systems validated for accuracy?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are storage areas clearly marked with the vessels' capacity status (i.e., filled, empty, purged and other hazardous materials)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Are quality assurance procedures in place to ensure that all valves are closed after the propane cylinders are filled?(e.g., QCC valves)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Is the schedule of maintenance and testing activities retained on site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

7. Water Supply

The propane licence holder should work with the local fire department to determine water supply capabilities that are available based on the propane facility's location.

	Yes	No
1. Is a pressurized water system available at the propane facility site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only)		43 m
4. What is the unobstructed distance to the closest approved water supply with year round access if there are no hydrants? (distance in metres only)		N/A

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

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

8. Licence holder and local Fire Services Review

To be completed by the Local Fire Services	Yes	No
Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If not, please explain (e.g., no fire services).		
Fire services comments, if any:		
<p>RSMP TO BE KEPT READILY AVAILABLE AT ALL TIMES IN OFFICE AREA, AS DISCUSSED WITH BRAD NEILSEN ON APRIL 20, 2018. (d)</p>		
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-mmm-yyyy)		

LOCAL FIRE SERVICES		
The undersigned has reviewed Section B of the Risk and Safety Management Plan Fire Services.		
Print name	Signature	Date (dd-mmm-yyyy)
Local Fire Services Name Gordon Chabot, Captain		20-04-2018

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Signature	<table style="width: 100%;"> <tr> <td style="width: 60%;">Telephone No. 888.664.5007</td> <td style="width: 40%;">Date (dd-mmm-yyyy) 22-03-2018</td> </tr> </table>	Telephone No. 888.664.5007	Date (dd-mmm-yyyy) 22-03-2018
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SECTION C: SUBMISSIONS

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

Facility Site Plan.

The licence holder will submit a copy of the original facility site plan updated with the following information:

1. The storage location of fixed, portable, and mobile vessels.
2. The maximum volume, types and storage location of hazardous materials.
3. Location of permanent structures on site.
4. Access and egress points and location of barriers.
5. Location of fire and emergency equipment (e.g., sprinkler systems, extinguishers, suppression systems) on site and location of fire hydrant or water supply where available.
6. Location of emergency shut off/shut down switches/valves.

Map of Surrounding Area.

The licence holder will submit a scaled aerial map of the surrounding area showing the following information:

7. The capacity and placement of the single largest propane storage vessel, including its setback from the front, rear and side property lines.
8. GPS co-ordinates of the single largest vessel.
9. Visual indication of the single largest fixed vessel and a circle made using the distance in Table 1 as the radius from the single largest fixed vessel.
10. Clear indication of the municipality or municipalities present within the circle.
11. Visual indication of property line information.
12. The location and name of roads within or abutting the site.
13. Key note to the drawing indicating the facility's municipal address, municipal lot number(s) and concession lines as applicable, and the date the map was prepared.
14. Address and contact information for each municipality (municipal clerk or secretary-treasurers of planning board). (Refer to page 5.)
15. Complete "Required Mapping Information from Updated Site Plan" in table below .

Required Mapping Information from Updated Site Plan

Date map prepared (dd-mmm-yyyy) 14-03-2018	Capacity of single largest propane storage vessel (USWG) 1000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: <u>85.7 m</u>	Right side property line: <u>163.1 m</u>
Rear: <u>3.2 m</u>	Left side property line: <u>3.4 m</u>
GPS coordinates of single largest vessel: <u>Lat43°44'46.28"N Long79°36'21.67"W</u>	

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SECTION C: SUBMISSIONS (cont'd)

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

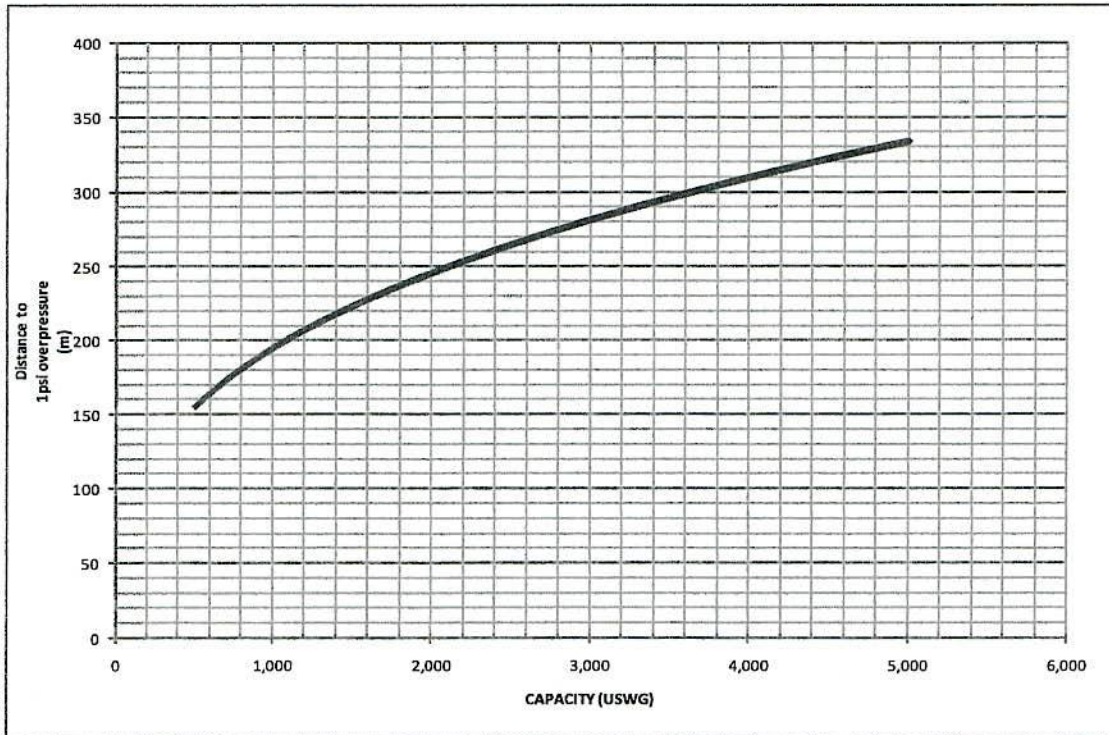
Table 1: Distance Table

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)





Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 Tel: 416.734.3300
 Fax: 416.231.4078
 Customer Service: 1.877.682.8772
 propane@tssa.org
 www.tssa.org

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	* Number of Buildings and Features (mark with an "X")				Distance from Tank to Closest Building or Feature
	0	1	2-10	11+	
Industrial buildings or parks or golf courses Name: Multi Unit Complex Address: 30 Baywood Road City: Etobicoke Province Ontario Postal Code M9V 3Z2				X	22 m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m

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

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

Name of person completing this form (please print) Nicaise Shillingford	Official Title Operations Manager
Signature 	Telephone No. 888.664.5007
	Date (dd-mmm-yyyy) 22-03-2018



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WORKSHEET

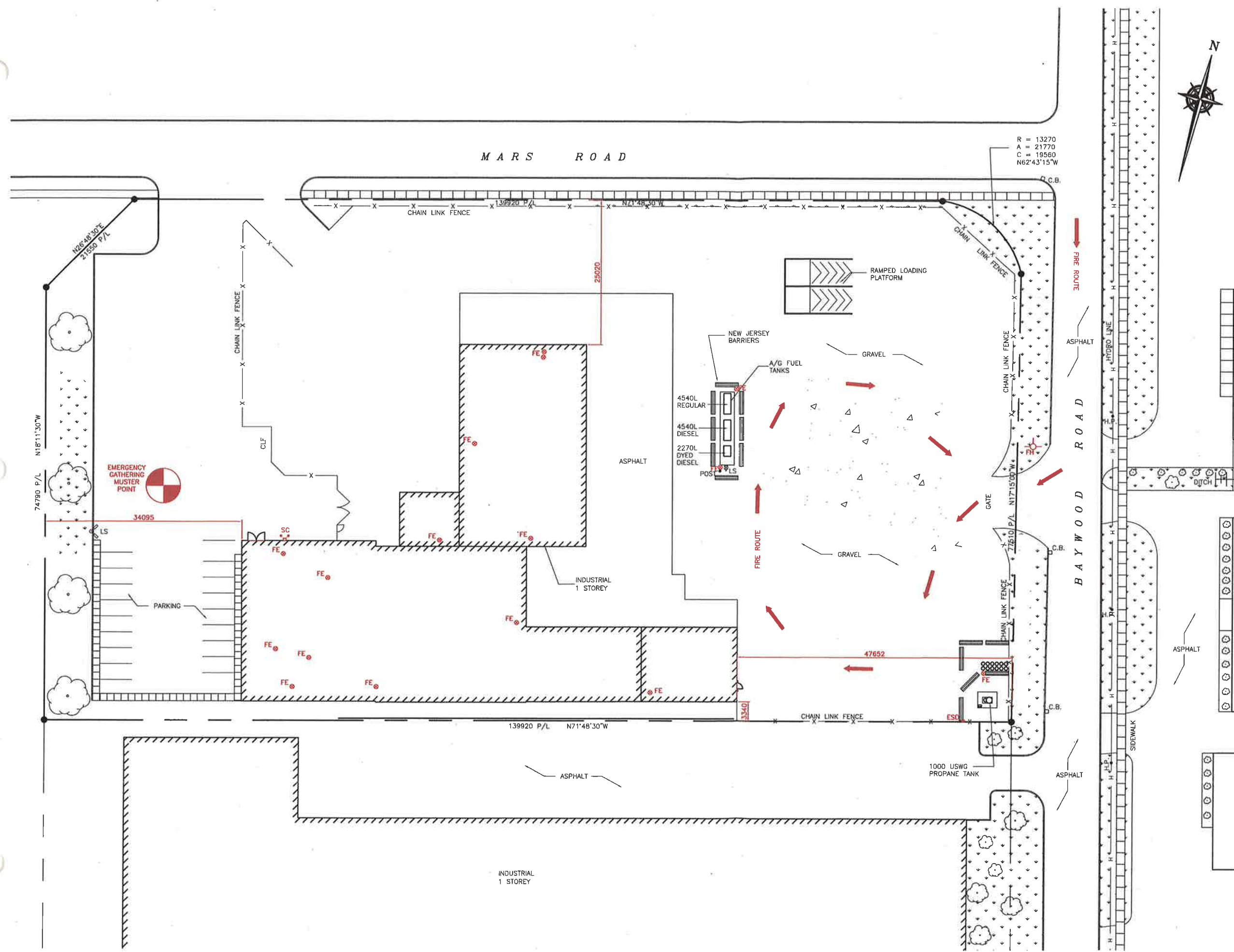
Portable Storage Additional Information Worksheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5	25	737.5
# 40	11.75		
# 33.3	9.62	150	1443
# 30	8.8		
# 20	5.8	10	58
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity 2238.5 USWG			

Tanks Stored On-site Not Connected for Use

Tank Size In USWG	Quantity	Total Volume in USWG
Total Tank Capacity 0 USWG		

Total Cylinder Capacity	2238.5 USWG
Total Tank Capacity	0 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	2238.5 USWG



R = 13270
 A = 21770
 C = 19560
 N62°43'15\"/>



ZONING INFORMATION:

ZONING INFORMATION:	EMPLOYMENT INDUSTRIAL ZONE (E)
LOT AREA:	14,878.7sq.m.
BUILDING AREA:	2,675.0sq.m.
LOT COVERAGE OF BUILDING:	17.8%

PROPERTY LINE SETBACKS	
NORTH	85.7m
SOUTH	3.2m
EAST	3.4m
WEST	163.1m

GPS COORDINATES	
LATITUDE	LATITUDE
43°44'46.28\"/>	

LEGEND:

- FH FIRE HYDRANT
- FE FIRE EXTINGUISHER
- ESD EMERGENCY SHUT-DOWN
- SC SIAMESE CONNECTION
- MUSTER POINT (OPTION BASED ON WIND DIRECTION)

No.	Date	Description	By
2	MAR. 20, '18	FENCE REVISED	JRK
1	MAR. 04, '18	REVISED AS BUILT	JRK
0	APR. 25, '12	ISSUED FOR RSMP	JRK

United Rentals

ALTENG Inc.
 Alternative Energy Consulting

126 Holm Crescent, Thornhill, Ontario L3T 5J3
 Telephone: (905)764-1644 Fax: (905)764-5986

Project: UNITED RENTALS 11 MARS ROAD Etobicoke, ON M9V 2K2	Drawn By: D.F. Checked By: J.R.K. Date: APR. 25, '12
Drawing Title: EMERGENCY FIRE PLAN FOR 1,000 USWG PROPANE TANK	Drawing Scale: 1:300
Drawing Number: P-101	File Number: 12170D
ACAD INFORMATION	
Drawing File: 12170D-P-101	
Drawing Size: D	
Plotting Scale: 1=1	



NOTES:
 CONSEQUENCE DISTANCE TO AN OVERPRESSURE LEVEL OF 1 psi BASED ON TNT-EQUIVALENCY METHOD, AS PER T.S.S.A. GUIDELINES FOR THE IMPLEMENTATION OF THE RISK AND SAFETY MANAGEMENT PLAN

$$D = 17 \times \left(0.1 \times W_p \times \frac{HC_f}{HC_{TNT}} \right)^{1/3} = 195m$$

PROPERTY LINE SETBACKS	
NORTH	85.7m
SOUTH	3.2m
EAST	3.4m
WEST	163.1m

GPS COORDINATES	
LATITUDE	LONGITUDE
43°44'46.28\"N	79°36'21.67\"W

AS PER TSSA GUIDELINES FOR THE IMPLEMENTATION OF THE RISK AND SAFETY MANAGEMENT PLAN, THIS FACILITY ONLY REQUIRES A LEVEL 1 RSMP SUBMISSION.

PLANNING ADVISORY INFORMATION:

AS PER TSSA ADVISORY REQUIREMENTS, THE FOLLOWING PLANNING INFORMATION IS PROVIDED BELOW:

CITY OF TORONTO
 TORONTO CITY HALL
 13th FLOOR W.
 100 QUEEN STREET WEST,
 TORONTO, ON, M5H 2N2
 ATTN: MR ULLI S. WATKISS
 PH: 416.392.8010

No.	Date	Description	By
1	APR. 09, '18	RE-ISSUED FOR RSMP LICENSE	DF
0	APR. 25, '12	ISSUED FOR RSMP	DF

REVISIONS



Project: UNITED RENTALS OF CANADA INC. 11 MARS ROAD Etobicoke, ON M9V 2K2	Drawn By: D.F. Checked By: J.R.K. Date: APR. 25, '12
Drawing Title: BLAST RADIUS PLAN LAYOUT FOR 1,000 USWG PROPANE TANK	Drawing Scale: 1:1000
Drawing Number: P-200	File Number: 12170D
ACAD INFORMATION	
Drawing File: 12170D-P-200	
Drawing Size: D	
Plotting Scale: 1=1	