



Technical Standards and Safety Authority
www.tssa.org

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

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.

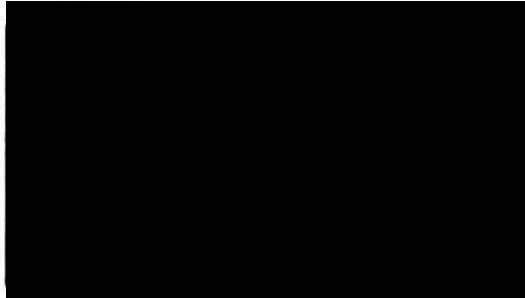
Failure to fully complete this form may result in rejection. Making a false statement may result in a fine or prosecution under the *Technical Standards and Safety Act*

Licence Number N/A

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.

A Company Name 2481854 Ontario Inc. . Corporation No. 2481854

Operator Name (if different from above) Ultramar Gas Station.

Telephone No. 647-633-2566 Fax No. N/A E-mail azhar_wazim@hotmail.com

B Street No. 3172 Street Name / 911 Number / Address, if applicable Highway 35

Town / City or Township / County Newcastle Province Ontario Postal Code L1B 1L9

C Mailing address if different from above.

Street No. 34 Street Name / 911 Number / Address, if applicable Bainsville Circle

Town / City or Township / County Brampton Province Ontario Postal Code L6P 3A4

Information on Container Refill Centre or Filling Plant

D Location of facility.

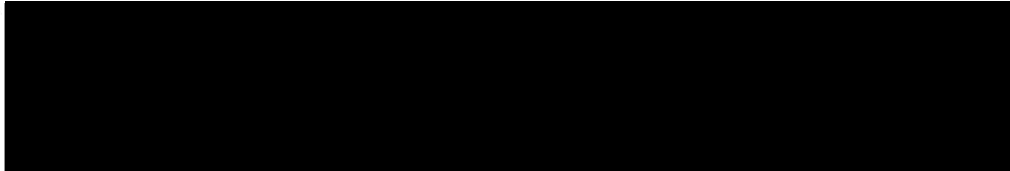
Street No. 3172 Street Name / 911 Number / Address, if applicable Highway 35 Nearest Major Intersection HWY 35/Clarke Road

Town / City or Township / County Newcastle Province Ontario Postal Code L1B 1L9

Name of Licence Holder Azhar Wasim



Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT). Azhar Wasim ROT type 100-1

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

Hours of operation. 

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

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Print name	Signature	Date (dd-mmm-yyyy)
Name of Licence Holder <u>Azhar Wasim</u>		<u>18-06-2016</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Azhar Wasim</u>		<u>18-06-2016</u>



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SECTION A: GENERAL INFORMATION (cont'd)

Indicate the year the facility was established. 2001 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.
Old OLCO Station removed and new Ultramar Station erected - 2016

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

	PSIG	Serial Number
Tank 1:	<u>250 psig</u>	<u>300-04</u>
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: 2000 USWG Portable: 290 USWG Mobile: 0 USWG

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Name of person completing this form (please print) <u>Azhar Wasim</u>	Official Title <u>Owner</u>	
Signature 	Telephone No. <u>647-633-2566</u>	Date (dd-mmm-yyyy) <u>18-06-2016</u>



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s) Primemax Energy Inc.		For Office Use - Party No.	
Street No. 2558	Street Name / 911 Number / Address, if applicable Cedar Creek Road R.R. #1		
Town / City or Township / Country Ayr		Province Ontario	Postal Code N0B 1E0
Telephone No. 1-519-740-8209	Fax No. 1-519-740-1015	Contact Name Mike Taylor	
E-mail primemax@primemaxenergy.com			

Name of Propane Transporter. If same as above, please check box. <input checked="" type="checkbox"/>		For Office Use - Party No.	
Primemax Energy Inc.			
Street No. 2558	Street Name / 911 Number / Address, if applicable Cedar Creek Road R.R. #1		
Town / City or Township / Country Ayr		Province Ontario	Postal Code N0B 1E0
Telephone No. 1-519-740-8209	Fax No. 1-519-740-1015	Contact Name Mike Taylor	
E-mail primemax@primemaxenergy.com			

Off-site Cylinder and/or Mobile Storage N/A	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
Telephone No.		Postal Code
Fax No.	Contact Name	

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

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Signature 	Telephone No. 647-633-2566	Date (dd-mmm-yyyy) 18-06-2016



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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.

Facility is an operating Service Station with some vehicle accessories like windshield washer fluid & oil. There are no major hazardous materials on site that are associated with this operation.

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

The propane tank has a fire extinguishers in the cylinder filling cabinet and there are some fire extinguishers at the gas dispensers and inside the C-Store.


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 ISC valve that is connected to a chain equipped with a fusible link that will melt in the event of a fire at 212 F. This will insure the spring loaded valve will close automatically to stop propane from reaching the leak. Hitting the Emergency Shutdown Button (ESD) this will stop flow from the tank in case of a hose leak. Remote ESD to be installed after Fire Services review.

Maintenance and testing schedule for fire protection controls and devices.

The fire extinguishers are tested routinely and tagged by an outside company certified to carry out this work.

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Signature 	Telephone No. 647-633-2566	Date (dd-mmm-yyyy) 18-06-2016



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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 <u>Azhar Wasim</u>	For Office Use - Party No.	Name <u>Azhar Wasim</u>	For Office Use - Party No.
Official Title <u>Owner</u>		Official Title <u>Owner</u>	
Telephone No. <u>647-633-2566</u>	Fax No. <u>N/A</u>	Cell No. <u>647-633-2566</u>	Fax No. <u>N/A</u>
E-mail <u>azhar_wazim@hotmail.com</u>		E-mail <u>azhar_wazim@hotmail.com</u>	
Role and responsibilities in emergency <u>To insure all employees are trained in the Emergency Plan annually and to make sure all equipment is maintained and operational</u>		Role and responsibilities in emergency <u>Same as Item 1</u>	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name <u>Azhar Wasim</u>	For Office Use - Party No.	Name <u>Azhar Wasim</u>	For Office Use - Party No.
Official Title <u>Manager</u>		Official Title <u>Manager</u>	
Telephone No. <u>647-633-2566</u>	Fax No. <u>N/A</u>	Telephone No. <u>647-633-2566</u>	Fax No. <u>N/A</u>
E-mail <u>azhar_wazim@hotmail.com</u>		E-mail <u>azhar_wazim@hotmail.com</u>	
Role and responsibilities in emergency <u>To insure people leave the Convenience store and premises and customers leave the site. Takes head count and assists Key Contact</u>		Role and responsibilities in emergency <u>Same as Item 2</u>	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name <u>Gord Weir</u>	For Office Use - Party No.	Name <u>Mike Taylor</u>	For Office Use - Party No.
Official Title <u>Fire Chief</u>	E-mail <u>gweir@clarington.net</u>	Official Title <u>General Manager</u>	E-mail <u>primemax@primemaxenergy.com</u>
Telephone No. <u>905-623-5126</u>	Fax No. <u>905-623-3073</u>	Telephone No. <u>1-519-740-8209</u>	Fax No. <u>1-519-740-1015</u>
Role and responsibilities in emergency <u>Coordinates all Fire Prevention Officers activities and assigns the resources as required during emergencies.</u>		Role and responsibilities in emergency <u>Knows the Emergency Response Group and can arrange for equipment to come to the site in case of emergencies and provides training to propane handlers</u>	
Fire Services Address <u>2430 Highway 2, Bowmanville, Ontario L1C 3K7</u>		Propane Supplier Address <u>2558 Cedar Creek Rd, R.R.#1, Ayr, ON. N0B 1E0</u>	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name <u>Randy Reinert</u>	For Office Use - Party No.	Name <u>David J. Crome</u>	For Office Use - Party No.
Official Title <u>Fire Prevention Officer</u>	E-mail <u>rreinert@clarington.net</u>	Official Title <u>Director of Planning Services</u>	
Telephone No. <u>905-623-5126</u>	Fax No. <u>905-623-3073</u>	Telephone No. <u>905-623-3379 Ext 2402</u>	Fax No. <u>905-623-0830</u>
Role and responsibilities in emergency <u>In charge of the Fire Prevention for Toronto Fire Services. Assigns resources and duties as required for the City of Toronto</u>		E-mail <u>dcrome@clarington.net</u>	
Fire Services Address <u>2430 Highway 2, Bowmanville, Ontario L1C 3K7</u>		Municipality Name and Address <u>40 Temperance Street, Bowmanville, Ontario L1C 3A6</u>	

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Name of person completing this form (please print) <u>Azhar Wasim</u>	Official Title <u>Owner</u>
Signature 	Telephone No. <u>647-633-2566</u>
	Date (dd-mmm-yyyy) <u>18-06-2016</u>



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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 built to the Propane Code requirements and does not have any extra features that are over and above the Code. Tank is protected with vehicle protection on all sides and has a lockable equipment and valve cabinet that is locked and secured after closing. Solenoid valve on piping from the pump will shut-off the flow of propane in case of Emergency. Emergency shutdown switch installed as shown so remote shut-down of facility can be accommodated.

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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) 16-05-2016	Print Name of Training Provider: Promar Petroleum
	Print Name of Instructor: Mike Martin
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) 16-05-2016	Print Name of Training Provider: Promar Petroleum
	Print Name of Instructor: Mike Martin
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) 26-06-2016	Print Name of Training Provider: Promar Petroleum
	Print Name of Instructor: Mike Martin
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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Signature 	Telephone No. 647-633-2566
	Date (dd-mmm-yyyy) 18-05-2016



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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) 10-05-2017	Print Name of Training Provider: Ultramar Newcastle
	Print Name of Instructor: Azhar Wasim
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) 10-05-2017	Print Name of Training Provider: Ultramar Newcastle
	Print Name of Instructor: Azhar Wasim
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) 10-06-2019	Print Name of Training Provider: Promar Petroleum
	Print Name of Instructor: Mike Martin
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 manger will give a verbal warning to the customers outside and in the C-Store and instruct them to leave the premises. The Key Contact will call 9-1-1 to ask for help and explain the nature of the problem. This call will be made once the nature of the emergency is determined. Only a person with fire extinguisher training is permitted to attempt to put the fire out. Otherwise a call to 9-1-1 must be made.

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).

Once the warning is given the Manager will have everyone meet in the Emergency Evacuation Point and make a head count of staff & visitors. The Key Contact will place cones across the entrance/exits to stop vehicles from entering the site and will wait for the emergency responders to arrive.

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 Licence Holder will determine what the emergency is and if a call to 9-1-1 is required. There is a phone inside the office or a cell phone can be used to make the call. Either the Key Contact will call or the Manager will call but at least one of these persons will be on the site.

Describe provisions for fire department entry when there are no operations or staffing at the propane site.

The tank is close to the highway and access is not restricted. The facility is not fenced so there is no problem for the Fire Department to gain access to the site at all times.

Describe how the licence holder will ensure continual flow of updated information to authorities.

The License Holder or Manager will always be on site during working hours and can provide information about the tank contents and cylinder contents to the Emergency Responders when asked. After hours the Owner can get to the site and engage with the Emergency Responders

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

20 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 type="checkbox"/>	<input checked="" type="checkbox"/>
2. Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only)	_____	
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:		
- RSMP - Section 5 + Drawing P101 - Does not identify type or size of extinguisher		
- Section 5: as well no record of people trained other than owner? -		
- Confirm Azhar - Wk + cell numbers please. <i>[Signature]</i>		
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 Randy Reinert, Fire Prevention Officer	<i>[Signature]</i>	29-06-2016

Note - need confirmation on comments prior to approval. Good Week Fire Chief.

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Azhar Wasim	Owner	
Signature <i>[Signature]</i>	Telephone No.	Date (dd-mmm-yyyy)
	647-633-2566	18-06-2016



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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) 25-04-2016	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: <u>16.8 m</u>	Right side property line: <u>58 m</u>
Rear: <u>18 m</u>	Left side property line: <u>18.4 m</u>
GPS coordinates of single largest vessel: <u>Long 43°56'15.96"N Lat: 78°36'5.65"W</u>	

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Propane Storage and Handling Regulation

SECTION C: SUBMISSIONS (cont'd)

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

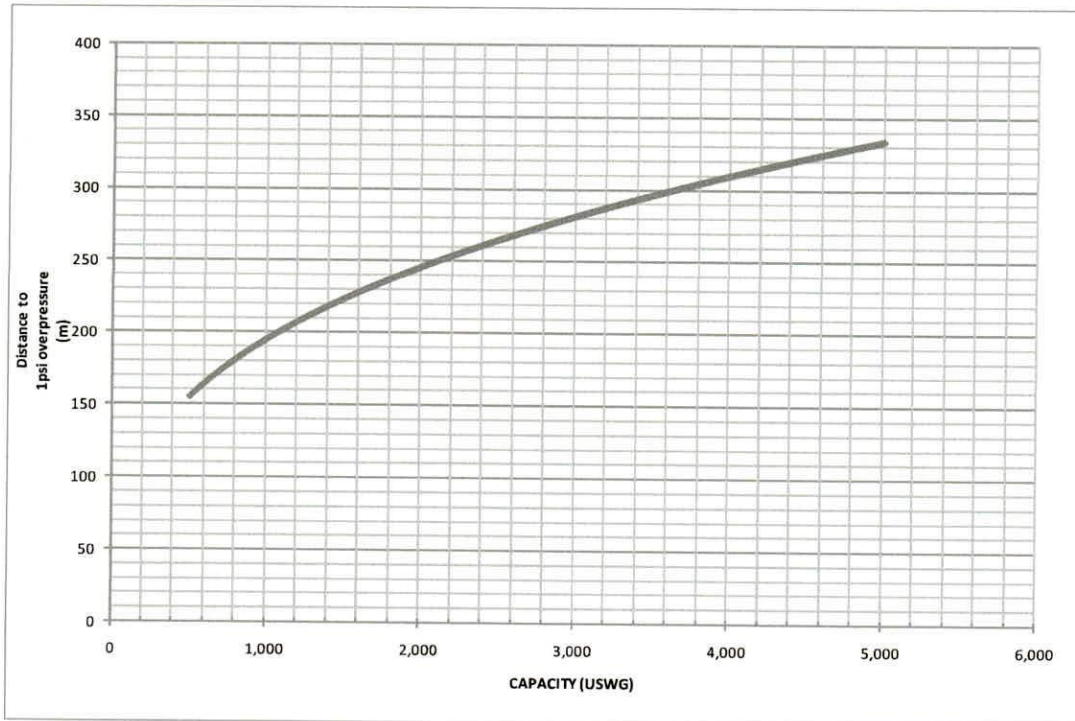
Table 1: Distance Table

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)





Technical Standards and Safety Authority
www.tssa.org

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

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SECTION C: SUBMISSIONS (cont'd)

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

As an accompaniment to the Map of Surrounding Area, provide the following information about buildings and features present within the circle in Table 2.

Table 2: Buildings and Features

Buildings and Features Present within the Circle on the Map of the Surrounding Area AND Name and Address of Closest Building or Feature	* Number of Buildings and Features (mark with an "X")				Distance from Tank to Closest Building or Feature
	0	1	2-10	11+	
Industrial buildings or parks or golf courses Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. [Redacted]			X		96 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: _____ Address: _____ City: _____ Province <u>Ontario</u> Postal Code <u>L1B 1L9</u>			X		18 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) Azhar Wasim	Official Title Owner
Signature 	Telephone No. 647-633-2566
	Date (dd-mmm-yyyy) 18-06-2016



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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		
# 40	11.75		
# 33.3	9.62		
# 30	8.8		
# 20	5.8	50	290 USWG
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity 290 USWG			

Tanks Stored On-site Not Connected for Use

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

Total Cylinder Capacity	290 USWG
Total Tank Capacity	0 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	290 USWG



KEY PLAN
SCALE 1:1

NOTES:

CONSEQUENCE DEFICIT TO AN OVERPRESSURE LEVEL OF 1
 GUIDELINES FOR THE IMPLEMENTATION OF THE RISK AND
 SAFETY MANAGEMENT PLAN.

$$D = 17 \times \left((1 \times \frac{1}{10}) \times \frac{100}{1000} \right)^{1/3} = 24\text{km}$$

PROPERTY LINE SETBACKS	
NORTH	59.0m
SOUTH	17.0m
EAST	21.1m
WEST	17.4m

GPS COORDINATES	
LATITUDE	43°57'15.97"N
LONGITUDE	-79°25'17.7"W

AS PER TESA GUIDELINES FOR THE IMPLEMENTATION OF THE
 RISK AND SAFETY MANAGEMENT PLAN, THIS FACILITY ONLY
 REQUIRES A LEVEL 1 P&SP SUBMISSION.

PLANNING ADVISORY INFORMATION:

AS PER TESA ADVISORY REGULATIONS, THE
 FOLLOWING PLANNING INFORMATION IS
 PROVIDED BELOW:

MUNICIPALITY OF CLARINGTON
 1000 SHEPPARD AVENUE EAST
 SCARBOROUGH, ONTARIO
 L1C 3M8

ALTERNATIVE ENERGY CONSULTING
 128 MAIN STREET, TORONTO, ONTARIO L1T 4J1
 PHONE: 905.823.5835 CELL: 416-402-
 7447 FAX: 905.823.5835
 EMAIL: alternativenrgy.com

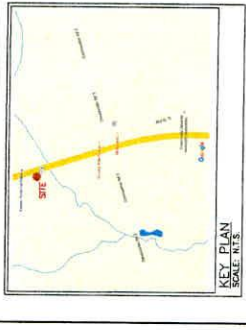
NO.	DATE	DESCRIPTION	BY
0	MAR 15, '10	ISSUED FOR P&SP	BY



AL TENG Inc.
 Alternative Energy Consulting

128 Main Street, Toronto, Ontario L1T 4J1
 Phone: (905)784-1644 Fax: (905)784-5885

Drawn By: D.F.	Checked By: J.B.K.
Scale: 1:100	Drawn Date: JUN 04, 2014
Project Name: BLAST HAZARD DRAWING FOR 2,000 USWG PROpane TANK	Energy Scale: 11000
File Name: P-200	Plotting Scale: 1:41



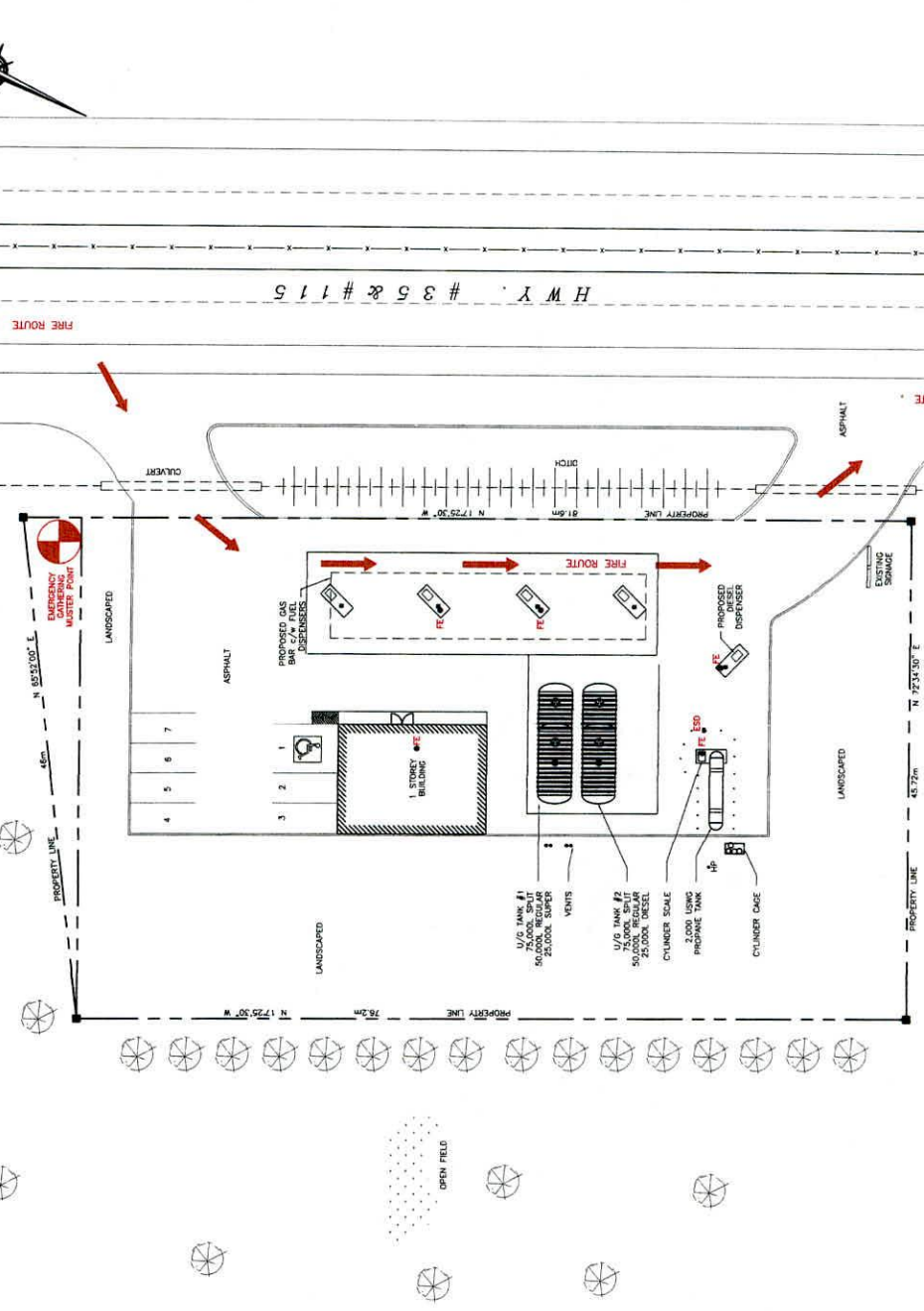
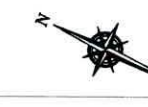
ZONING INFORMATION:
 HIGHWAY COMMERCIAL (C2)
 LOT AREA: 3807 Sq. m.
 BUILDING AREA: 138.0 Sq. m.
 LOT COVERAGE OF BUILDING: 3.6%

NOTES:
 1. FACILITY USED FOR CYLINDER PROPANE REFILLING ONLY.

PROPERTY LINE SETBACKS	
NORTH	59.6m
SOUTH	17.0m
EAST	21.1m
WEST	17.4m

GPS COORDINATES	
LATITUDE	42°56'18.87"N
LONGITUDE	78°35'37.7"W

- LEGEND:**
- FIRE EXTINGUISHER
 - FIRE HYDRANT
 - EMERGENCY SHUT-DOWN
 - MISTERS POINT



HWY. # 35 & # 115

No.	Date	Description	By
0	June 13, '11	Issue for shop	REVISIONS



ALTENGEN Inc.
 Alternative Energy Consulting
 3461 185A Ontario Ave. (at 1/2 Ultimate Gas Way)
 3172 Highway #35
 Huronville, MI 49929-9895
 Telephone: (269) 764-1644
 Fax: (269) 764-1644

Drawn By:	D.E.F.
Checked By:	J.B.L.
Date:	APR. 04, 2011
Drawing Scale:	AS IS
Client:	ULB
Project:	PROPOSED FIRE PLAN FOR 2,000 LBS PROPANE TANK C/W CYLINDER SCALE
File Number:	161200
Drawing Number:	P-101