



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

Intake Group

RECEIVED

MAR 30 2016

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 or

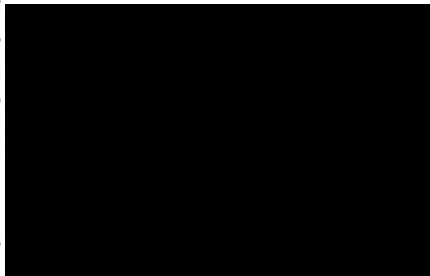
Failure to fully complete this form may result in rejection.
Making a false statement may result in a fine or prosecution
under the *Technical Standards and Safety Act*

Licence Number: 000208336 000263786

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: GTA Propane Ltd. Corporation No.: 002271847

Operator Name (if different from above): _____

Telephone No.: 905.625.1982 Fax No.: 905-625-1987 E-mail: asadattique@yahoo.com

B Street No.: 2141 Street Name / 911 Number / Address, if applicable: Dundas Street East

Town / City or Township / County: Mississauga Province: Ontario Postal Code: L4X 1M3

Mailing address if different from above:

C Street No.: 2141 Street Name / 911 Number / Address, if applicable: Dundas Street East

Town / City or Township / County: Mississauga Province: Ontario Postal Code: L4X 1M3

Information on Container Refill Centre or Filling Plant

Location of facility:

D Street No.: 2141 Street Name / 911 Number / Address, if applicable: Dundas Street East Nearest Major Intersection: Dundas Street East & Highway 427

Town / City or Township / County: Mississauga Province: Ontario Postal Code: L4X 1M3

Name of Licence Holder: Attique Asad

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT): Zanib Bibi ROT type: PPO-3

Municipality (or municipalities if the facility or its hazard distance touches multiple borders): Region of Peel

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.

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 Licence Holder	Print name: <u>ZANIB Bibi</u>	Signature: <u>Zanib</u>	Date (dd-mm-yyyy): <u>06/04/2016</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training	<u>Zanib Bibi</u>	<u>Zanib</u>	20-03-2015



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Propane Storage and Handling Regulation

SECTION A: GENERAL INFORMATION (cont'd)

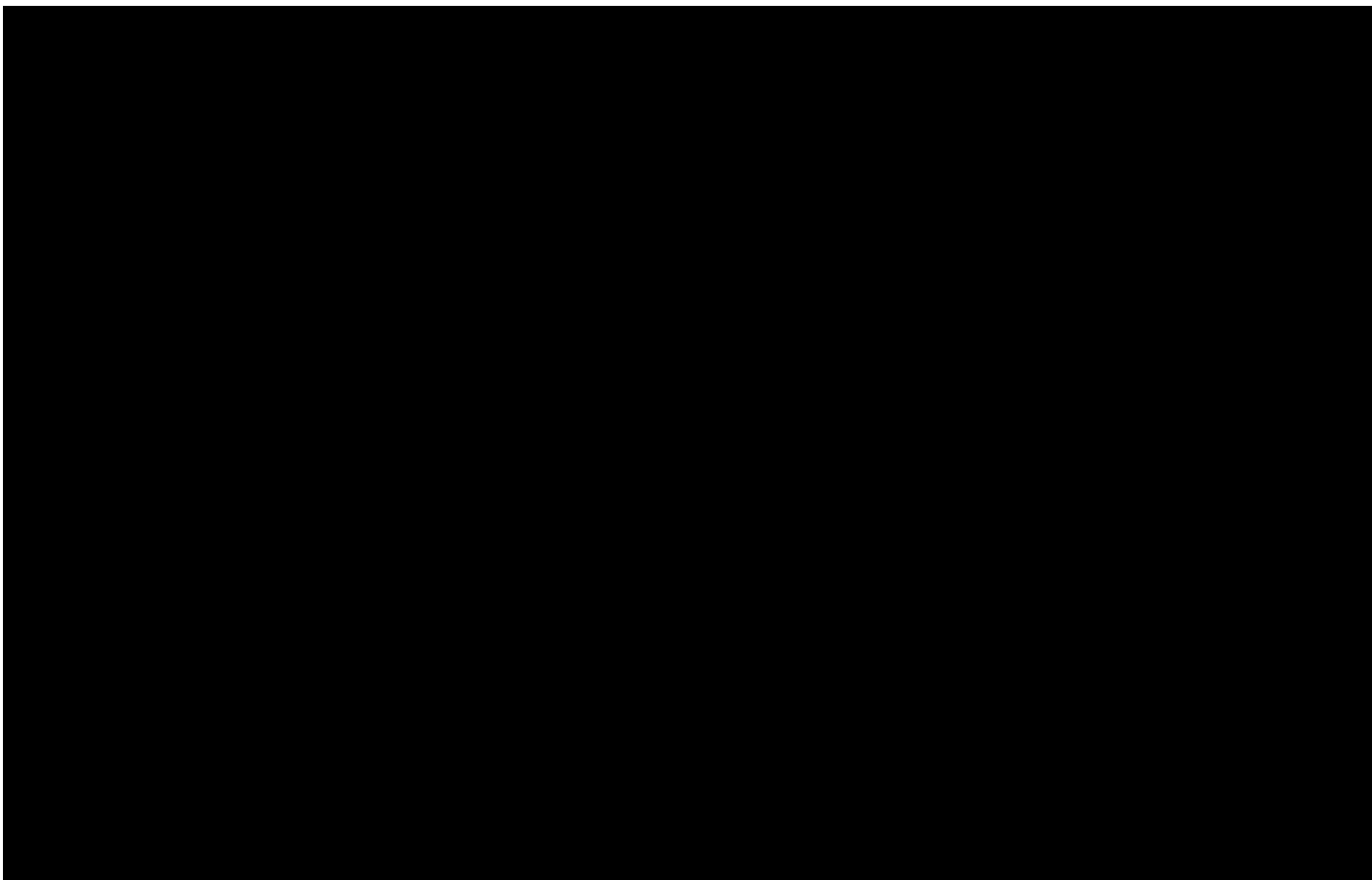
Indicate the year the facility was established. 2009 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. No significant Changes have taken place

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


	PSIG	Serial Number
Tank 1:	<u>250</u>	<u>250-98</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: 1982 USWG Mobile: 0 USWG



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Name of person completing this form (please print) <u>Attique Asad</u>	Official Title <u>Manager</u>	
Signature 	Telephone No. <u>905-625-1982</u>	Date (dd-mmm-yyyy) <u>20-03-2016</u>



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information


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

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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Name of person completing this form (please print)		Official Title	
Attique Asad		Manager	
Signature		Telephone No.	Date (dd-mmm-yyyy)
		905-625-1982	20-03-2016



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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 Car Wash with some chemical storage for soap and other cleaners. 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 facility is equipped with fire extinguishers. There is one located in the kiosk where the operator sits and a second fire extinguisher at the tank .(20 lb)
There is a remote Emergency Shut down(ESD)located on one of the posts near the tank.A solenoid valve on the auto propane also closes to stop propane from fueling vehicles when the ESD is pushed. There are six fire extinguishers located in the car wash.


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 propane tank is equipped with a fusible link connected to a chain that will melt at 212 degrees F which will break the chain and the spring loaded ISC valve will close automatically shutting off the propane suction to the pump. The auto propane system has an electric solenoid valve that will close when the Emergency Shut Down(ESD) button is pushed. This will close the valve and stop the motor from pumping. The ESD is located on one of the posts near the tank. There are no alarm systems or detection devices on site. The site is monitored by eight security cameras 24/7

Maintenance and testing schedule for fire protection controls and devices.

The fire extinguishers are checked monthly and retested annually for proper operation. The propane equipment and ESD is inspected annually by a TSSA registered contractor. Copies of Inspection reports are keep on site.

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Name of person completing this form (please print) Attique Asad	Official Title Manager	
Signature 	Telephone No. 905-625-1982	Date (dd-mmm-yyyy) 20-03-2016



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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>Attique Asad</u>	For Office Use - Party No.	Name <u>Attique Asad</u>	For Office Use - Party No.
Official Title <u>Manager</u>		Official Title <u>Manager</u>	
Telephone No. <u>905-625-1982</u>	Fax No. <u>905-625-1987</u>	Cell No. <u>416.999.6825</u>	Fax No. <u>905-625-1987</u>
E-mail <u>asadattique@yahoo.com</u>		E-mail <u>asadattique@yahoo.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>Gul Hassan</u>	For Office Use - Party No.	Name <u>Attique Asad</u>	For Office Use - Party No.
Official Title <u>Assistant Manager</u>		Official Title <u>Manager</u>	
Telephone No. <u>416-638-8839</u>	Fax No. <u>905-625-1987</u>	Telephone No. <u>905-625-1982</u>	Fax No. <u>905-625-1987</u>
E-mail <u>asadattique@yahoo.com</u>		E-mail <u>asadattique@yahoo.com</u>	
Role and responsibilities in emergency <u>To insure people leave the Car Wash and premises and customers leave the site. Calls 9-1-1 and shuts down the propane system</u>		Role and responsibilities in emergency <u>Same as Item</u>	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name <u>John Mc Dougall</u>	For Office Use - Party No.	Name <u>Mike Martin</u>	For Office Use - Party No.
Official Title <u>Fire Chief</u>	E-mail <u>john.mcdougall@mississauga.ca</u>	Official Title <u>Salesman/Trainer</u>	E-mail <u>promarpetroleum@rogers.com</u>
Telephone No. <u>905-615-3750</u>	Fax No. <u>905-615-4579</u>	Telephone No. <u>416.580.1079</u>	Fax No. <u>416-781-0844</u>
Role and responsibilities in emergency <u>Coordinates all fire services for Mississauga and reports activities to Mayor and Council. Manages city fire services resources.</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>Mississauga Fire & Emergency Services, 15 Fairview Rd. W. Miss. Ont L5B 1K7</u>		Propane Supplier Address <u>494 Brookdale Ave., Toronto, ON. M5M 1R7</u>	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name <u>Greg Laing</u>	For Office Use - Party No.	Name <u>Ray Poitras</u>	For Office Use - Party No.
Official Title <u>Deputy Chief</u>	E-mail <u>greg.laing@mississauga.ca</u>	Official Title <u>Manager Development Team South</u>	
Telephone No. <u>905-615-3754</u>	Fax No. <u>905-896-3773</u>	Telephone No. <u>905-615-3200</u>	Fax No. <u>905-896-5553</u>
Role and responsibilities in emergency <u>Assist chief with coordination of Fire Services resources.</u>		E-mail <u>ray.poitras@mississauga.ca</u>	
Fire Services Address <u>Mississauga Fire & Emergency Services, 15 Fairview Rd W. Miss., L5B 1K7</u>		Municipality Name and Address <u>City of Mississauga, 300 City Centre Dr., Mississauga, Ont., L5B 3C1</u>	

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Name of person completing this form (please print) <u>Attique Asad</u>	Official Title <u>Manager</u>
Signature 	Telephone No. <u>905-625-1982</u>
	Date (dd-mmm-yyyy) <u>20-03-2016</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.

Emergency Response Assistance Plan-available by contacting supplier.

The facility is built to the propane code requirements and does not have any extra features that are over and above the code. The tank is protected with concrete filled posts on all sides and has an Emergency shutdown button that will kill power to the pump and solenoid valve when pushed. Tank is in constant site of employees on the premises. Fire Equipment access is easy off of Dundas Street with a large area to manoeuvre trucks around. There are (8) security cameras located on the property, monitored 24/7.

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Signature 	Telephone No. 905-625-1982	Date (dd-mmm-yyyy) 20-03-2016



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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) 24-09-2014	Print Name of Training Provider: Promar Petroleum Inc.
	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) 12-11-2014	Print Name of Training Provider: Promar Petroleum Inc.
	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) 09/08/2015	Print Name of Training Provider: Promar Petroleum Inc.
	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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Name of person completing this form (please print) Alique Asad	Official Title Manager
Signature 	Telephone No. 905-625-1982
	Date (dd-mmm-yyyy) 20-03-2014



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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) 20-09-2017	Print Name of Training Provider: Promar Petroleum Inc.
	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:

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

Target Date (dd-mmm-yyyy) 20-11-2014	Print Name of Training Provider: Promar Petroleum Inc.
	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:

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

Target Date (dd-mmm-yyyy) 20-11-2014	Print Name of Training Provider: Promar Petroleum Inc.
	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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	Date (dd-mmm-yyyy) 20-03-2016



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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 attendant on site will notify the patrons at the propane facility that a problem has occurred after pressing the ESD switch and closing the ISC valve. The patrons will be asked to leave the site and the attendant will proceed to make a 911 call and request fire and police response.

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).
After a warning is issued the attendant will block off the entrance/exits to the site. Once the area is free of customers the staff will meet at the "Muster Point" (See Drawing P-101) and await the arrival of Emergency Responders.

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).
Once an emergency situation is confirmed at the propane facility, the attendant will call 911 to ask for Fire and Police response. The attendant always carries a cell phone and also has access to a phone inside the service station. A call will be made at any two of the business locations on site.

Describe provisions for fire department entry when there are no operations or staffing at the propane site.
The site is in operation 24/7 and is not fenced so access to the site is always available to Emergency Responders from Dundas Street.
There are no barriers to the site or tank.

Describe how the licence holder will ensure continual flow of updated information to authorities.
The attendant will always be on site as the site is operational 24/7. When Emergency Responders come to the site the attendant will identify themselves as the person who is responsible for the propane and will communicate directly with the Emergency Responders.

How long will it take the facility liaison person to respond to the site.
10-15 Minutes for the owner if not already on site.

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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 checked="" type="checkbox"/>	<input 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)	<u>120 m</u>	
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)	<u>N/A</u>	

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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

Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?

Yes

No

If not, please explain (e.g., no fire services).

Fire services comments, if any:

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 John McDougall		30-03-2015

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Signature 	Telephone No. 905-625-1982	Date (dd-mmm-yyyy) 20-03-2015



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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) 12-03-2012	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: 22.6 m	Right side property line: 10.5 m
Rear: 74.5 m	Left side property line: 16.3 m
GPS coordinates of single largest vessel: Lat43°37'3731"N Long79°34'2.22"W	

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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

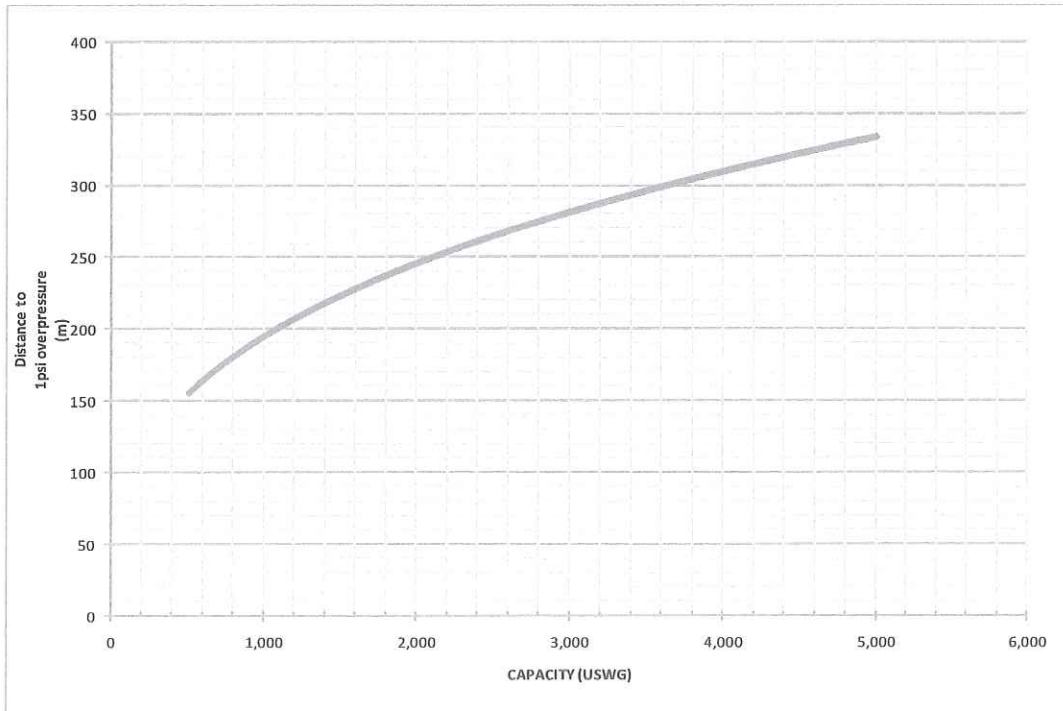
Table 1: Distance Table

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: <u>Markland Wood Country Club</u> Address: <u>245 Markland Drive</u> City: <u>Etobicoke</u> Province <u>Ontario</u> Postal Code <u>M9C 1R1</u>		X			<u>183</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. [Redacted]				X	<u>160</u> m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Clean Max Car Wash</u> Address: <u>2141 Dundas Street East</u> City: <u>Mississauga</u> Province <u>Ontario</u> Postal Code <u>L4X 1M3</u>				X	<u>3.05</u> m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: <u>Super 5 Inn</u> Address: <u>2171 Dundas Street East</u> City: <u>Mississauga</u> Province <u>Ontario</u> Postal Code <u>L4X 1M3</u>			X		<u>67</u> 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) <u>Attiq Asad</u>	Official Title <u>Consultant</u>
Signature 	Telephone No. <u>905-625-1982</u>
	Date (dd-mmm-yyyy) <u>21-03-2016</u>



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WORKSHEET

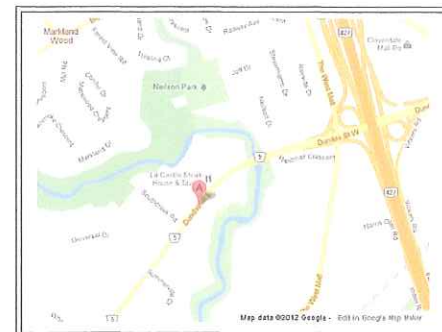
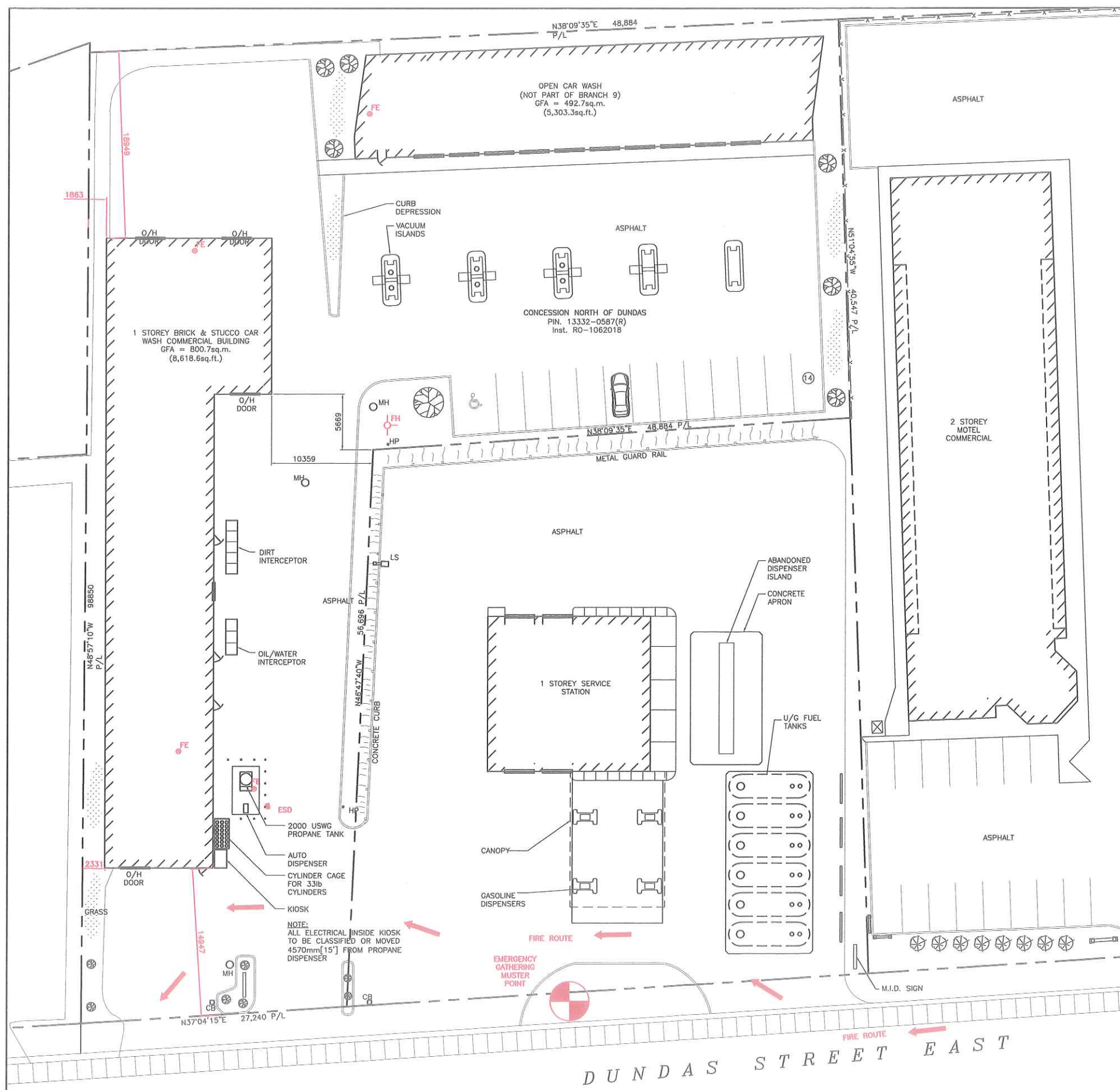
Portable Storage Additional Information Worksheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5		
# 40	11.75		
# 33.3	9.62	200	1924 USWG
# 30	8.8		
# 20	5.8	10	58 USWG
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			1982 USWG

Tanks Stored On-site Not Connected for Use

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

Total Cylinder Capacity	1982 USWG
Total Tank Capacity	2000 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	3982 USWG



KEY PLAN
SCALE: N.T.S.

ZONING INFORMATION:

LOT AREA: 5073.3sq.m.
 BUILDING AREA: 1203.40sq.m.
 LOT COVERAGE OF BUILDING: 25.5%
 ZONING FOR THIS SITE IS M1.

PROPERTY LINE	SETBACKS
NORTH	74.5m
SOUTH	22.6m
EAST	10.5m
WEST	16.3m

GPS COORDINATES	
LATITUDE	LONGITUDE
43°37'31.70"N	79°34'2.22"W

LEGEND:

- FE ⊙ FIRE EXTINGUISHER
- FH ⊕ FIRE HYDRANT
- ESD ■ EMERGENCY SHUT-DOWN
- ⊕ MUSTER POINT (OPTION BASED ON WIND DIRECTION)

No.	Date	Description	By
1	MAR. 23, '15	OWNERSHIP CHANGED	JRK
0	MAR. 13, '12	ISSUED FOR RSMP	JRK

GTA Propane



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

Project: GTA Propane Ltd. 2141 Dundas Street E. Mississauga, ON L4X-1M3	Drawn By: D.F. Checked By: J.R.K. Date: MAR. 13, '12
--	--

Drawing Title: EMERGENCY FIRE PLAN FOR 2,000 USWG PROPANE TANK	Drawing Scale: 1:200
--	----------------------

Drawing Number: P-101_SHT_1	File Number: 08210D
--------------------------------	------------------------

ACAD INFORMATION

Drawing File: 082100-P-101
 Drawing Size: D
 Plotting Scale: 1=1



KEY PLAN
SCALE: N.T.S.

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.

$$D = 17 \times \left(0.1 \times W_p \times \frac{HC_r}{HC_{TNT}} \right)^{1/3} = 246m$$

PROPERTY LINE SETBACKS	
NORTH	74.5m
SOUTH	22.6m
EAST	10.5m
WEST	16.3m

GPS COORDINATES	
LATITUDE	LATITUDE
43°37'31.70"N	79°34'22.22"W

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

PLANNING ADVISORY INFORMATION:

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

CITY OF MISSISSAUGA
PLANNING & BUILDING DEPARTMENT BUILDING DIVISION
300 CITY CENTRE DRIVE,
MISSISSAUGA, ON,
L5B 3C1

ATTN: MR. RAY POITRAS
PH#: 905.615.3200
FAX#: 905.896.5553
EMAIL: ray.poitras@mississauga.ca

1	MAR. 23, '15	OWNERSHIP CHANGED	JRK
0	MAR. 13, '12	ISSUED FOR RSMP	JRK
No.	Date	Description	By

REVISIONS

GTA Propane

ALTENG Inc.
Alternative Energy Consulting
126 Holm Crescent, Thornhill, Ontario L3T 5J3
Telephone: (905)764-1644 Fax: (905)764-5986

Project: GTA Propane Ltd. 2141 Dundas Street E. Mississauga, ON L4X-1M3	Drawn By: D.F. Checked By: J.R.K. Date: MAR. 13, '12
Drawing Title: BLAST RADIUS FOR 2,000 USWG PROPANE TANK	Drawing Scale: 1:1000
Drawing Number: P-200	File Number: 08210D
ACAD INFORMATION	
Drawing File: 082100-P-200	
Drawing Size: D	
Plotting Scale: 1=1	