



Technical Standards and Safety Authority
www.tssa.org

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

14th Dec, 2011

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.

<p style="text-align: center;">Failure to fully complete this form may result in rejection. Making a false statement may result in a fine or prosecution under the <i>Technical Standards and Safety Act</i></p> <p>Licence Number <input style="width: 80%;" type="text" value="000076643517"/></p> <p>Check applicable type of propane operations.</p> <p> <input checked="" type="checkbox"/> Cylinder <input type="checkbox"/> Motor Fill <input type="checkbox"/> Filling Plant <input type="checkbox"/> Card/Keylock </p> <p>Submit along with this completed application a Facility Site Plan and a Map of the Surrounding Area.</p>	<p style="text-align: center;">For Office Use Only</p> <div style="background-color: black; width: 100%; height: 100%;"></div>
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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 Canadian Tire Corporation Ltd.	Ontario Corporation No., if applicable
	Operator Name (if different from above) (Jaswinder Riari - Agent 905-238-2771)	
	Telephone No. (416) 544-7608	Fax No. (416) 544-6163
	E-mail john.lastoria@cantire.com	
B	Street No. 1280	Street Name / 911 Number / Address, if applicable Yonge Street, 17th Floor
	Town / City or Township / County Toronto	Province Ontario
	Postal Code M4P 2V8	
	Mailing address if different from above.	
C	Street No.	Street Name / 911 Number / Address, if applicable PO Box 770, Station K (Account #34421)
	Town / City or Township / County Toronto	Province Ontario
	Postal Code M4P 3J5	
Information on Container Refill Centre or Filling Plant		
	Location of facility.	
D	Street No. 5067	Street Name / 911 Number / Address, if applicable Dixie Road
	Nearest Major Intersection Dixie Road and Eglinton Avenue	
	Town / City or Township / County Mississauga	Province Ontario
	Postal Code L4W 5S6	

Name of Licence Holder John Lastoria on behalf of Canadian Tire Corporation	
Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT). Glenn Butt	ROT type 100-08
Municipality (or municipalities if the facility or its hazard distance touches multiple borders) City of Mississauga	
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.

Print name Name of Licence Holder John Lastoria	Signature 	Date (dd-mm-yyyy) 6-12-2011
Name of Senior Management person as defined in the Regulation holding the Record of Training Glen Butt	FOR GLEN	



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SECTION A: GENERAL INFORMATION (cont'd)

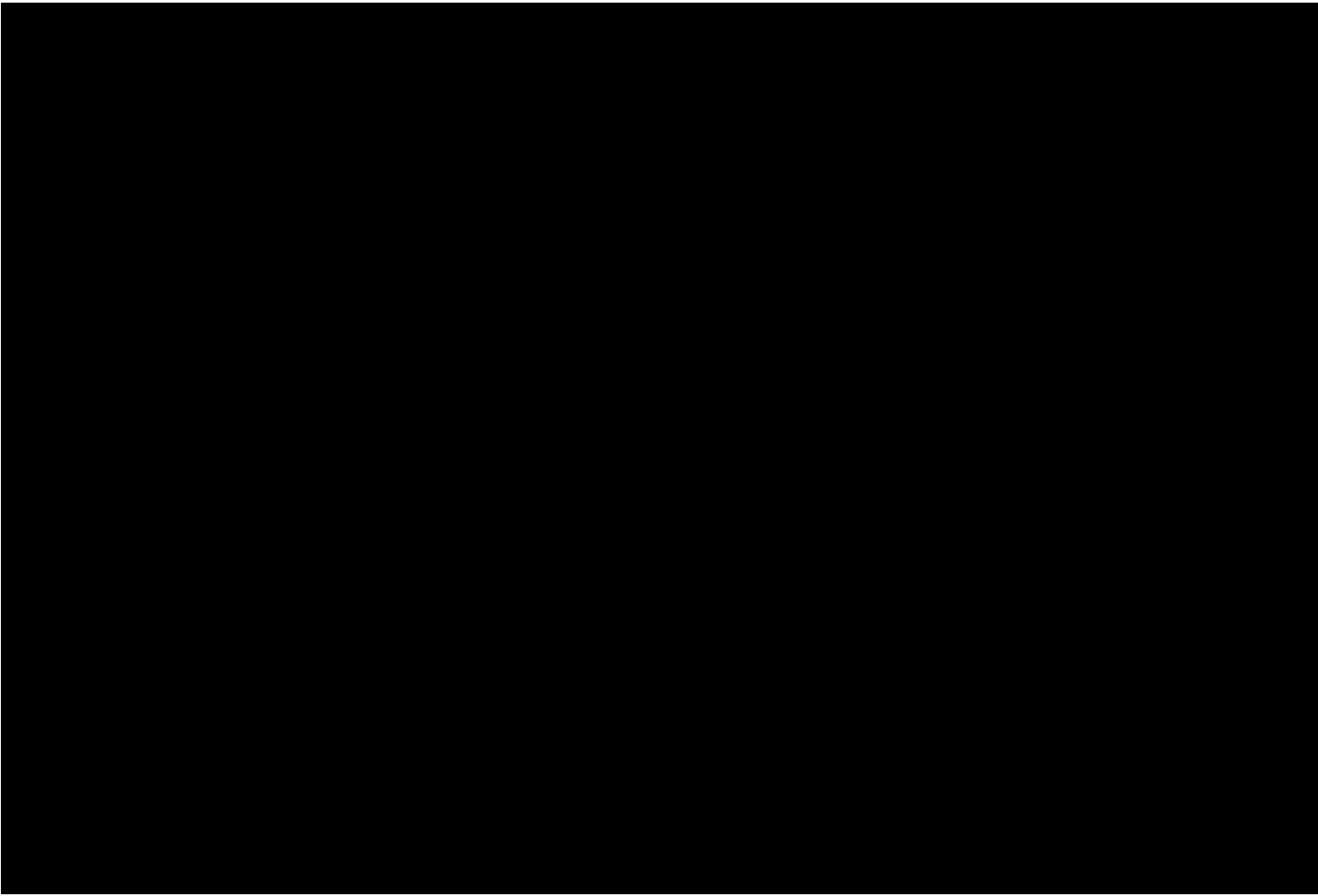
Indicate the year the facility was established. Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.
2006 None

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

	PSIG	Serial Number
Tank 1:	250 PSIG	431-04
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: 279 USWG Mobile: 0



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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) 6-12-2011



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

Name of Propane Supplier(s) Superior Propane - Ontario Regional Operations Centre		For Office Use - Party No. [REDACTED]	
Street No. 251	Street Name / 911 Number / Address, if applicable Woodlawn Road West, Unit 217		
Town / City or Township / Country Guelph		Province Ontario	Postal Code N1H 8J1
Telephone No. 1-877-873-7467	Fax No. 519-836-7766	Contact Name Mike Mullins	
E-mail mullinsm@superiorpropane.com			

Name of Propane Transporter. If same as above, please check box. <input type="checkbox"/>		For Office Use - Party No. [REDACTED]	
Superior Propane - Guelph			
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 VanHerksen	
E-mail vanherko@superiorpropane.com			

Off-site Cylinder and/or Mobile Storage None	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.

Gasoline - The site has underground tanks with a total capacity of 185,000 litres. They are located on the south side of the gasoline dispensers.

An MSDS for regular unleaded gasoline is provided herein. MSDS for premium gasoline and diesel are similar and not included.

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

1. Fires Extinguisher Locations: a) Inside gas bar building b) On columns by gasoline dispensers c) At the bulk propane tank filling station
2. Emergency stop push button - near propane tank. This shuts down the pump and closes a solenoid valve upstream of hoses.
3. Power supply breaker inside the gas bar building. This cuts all power to the propane system - shuts down pump; closes solenoid valve.

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. Emergency stop push button. This shuts down the pump and closes a solenoid valve upstream of hoses.
2. Fusible link on ISC valve - isolation valve between the tank and the downstream propane dispensing equipment.
3. Power supply breaker inside the gas bar building. This cuts all power to the propane system - shuts down pump; closes solenoid valve
4. ISC valve interlock bar (interlocked with cabinet door) - ISC valve closes when door is closed.

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 Ontario fire regulations. Maintenance records are kept for 5 years.

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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 Jaswinder Riari	For Office Use - Party No.	Name Jaswinder Riari	For Office Use - Party No.
Official Title Agent		Official Title Agent	
Telephone No. 905-238-2771	Fax No. 905-614-1710	Cell No. 647-298-6919	Fax No. 905-614-1710
E-mail 1337.dixie_eglinton@ctpagent.ca		E-mail 1337.dixie_eglinton@ctpagent.ca	
Role and responsibilities in emergency Coordinate site response		Role and responsibilities in emergency Coordinate site response	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Ronald Rameshnauth	For Office Use - Party No.	Name Jaswinder Riari	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. work 905-238-2771 cell 647-298-6919	Fax No. 905-614-1710
E-mail ronald.ramesnauth@cantire.com		E-mail 1337.dixie_eglinton@ctpagent.ca	
Role and responsibilities in emergency Coordinate site response if agent is unavailable		Role and responsibilities in emergency Coordinate site response	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name John McDougall	For Office Use - Party No.	Name Superior Propane Hotline	For Office Use - Party No.
Official Title Fire Chief	E-mail john.mcdougall@mississauga.ca	Official Title	E-mail
Telephone No. (905) 615-3750	Fax No. (905) 615-4579	Telephone No. 1-877-873-7467	Fax No.
Role and responsibilities in emergency Coordinate/advise on Fire Service response and liaise with police and CTC contact.		Role and responsibilities in emergency Identify and dispatch Superior Propane and or LPERGC emergency response personnel as required.	
Fire Services Address Mississauga Fire Services, 15 Fairview Rd. W, Mississauga, ON L5B 1K7		Propane Supplier Address 251 Woodlawn Road West, Unit 217, Guelph, ON	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Greg Laing	For Office Use - Party No.	Name Crystal Greer	For Office Use - Party No.
Official Title Deputy Chief	E-mail greg.laing@mississauga.ca	Official Title City Clerk	
Telephone No. (905) 615-3754	Fax No. (905) 896-3773	Telephone No. (905) 615-3200 ext.5419	Fax No. (905) 615-4181
Role and responsibilities in emergency Alternate - Coordination of municipal fire services, liason with property owner, administrator of fire services, and advisor to municipal council.		E-mail crystal.greer@mississauga.ca	
Fire Services Address Mississauga Fire Services, 15 Fairview Rd. W, Mississauga, ON L5B 1K7		Municipality Name and Address City of Mississauga, 300 City Centre Drive, Mississauga, ON, L5B 3C1	

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Name of person completing this form (please print) John Lastoria	Official Title E H & S Specialist
Signature <i>John Lastoria</i>	Telephone No. 416-544-7608
	Date (dd-mm-yyyy) 09-03-2012



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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 Shut Off push button to shut down pump and close solenoid valve upstream of dispensing hoses.

[Lined area for additional safety measures]

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Signature 	Telephone No. 416-544-7608	Date (dd-mm-yyyy) 6-12-2011



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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-mm-yyyy) 2010	Print Name of Training Provider: Canadian Tire Standard Emergency Training upon hire and yearly refreshers
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider: Please Note - the industry did not have a course in place last year. They are currently developing a
	Print Name of Instructor: a training course that is scheduled to be available
Training Date (dd-mm-yyyy)	Print Name of Training Provider: in the fourth quarter of this year
	Print Name of Instructor:

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

Training Date (dd-mm-yyyy) 2010	Print Name of Training Provider: Canadian Tire Standard Emergency Training upon hire and yearly refreshers
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Training Date (dd-mm-yyyy) 03-12-2010	Print Name of Training Provider: FSN
	Print Name of Instructor: Dave Kennedy
Training Date (dd-mm-yyyy) TBA as required	Print Name of Training Provider: Superior Propane, FSN Training or Other Please Note - a ROT is valid for 3 years
	Print Name of Instructor: to be arranged as required
Training Date (dd-mm-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-mm-yyyy) 2011	Print Name of Training Provider: Canadian Tire Standard Emergency Training upon hire and yearly refreshers
	Print Name of Instructor:
Target Date (dd-mm-yyyy) Q1 2012	Print Name of Training Provider: Superior Propane, PTI, FSN, or Alternate Please Note - the PTI just released the
	Print Name of Instructor: course material (Nov.) and Canadian Tire
Target Date (dd-mm-yyyy)	Print Name of Training Provider: agents will be the first to receive this training
	Print Name of Instructor: scheduled for the 1Q of 2012

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

Target Date (dd-mm-yyyy) Q1 2012	Print Name of Training Provider: Key Site Contact to Train Staff
	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:

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

Target Date (dd-mm-yyyy) TBA as required	Print Name of Training Provider: FSN Training or Alternate Please Note - ROT training is valid for 3 years
	Print Name of Instructor: to be arranged as required
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:

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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 agent/operator or alternate (both ROT staff) will contact emergency services by calling 911 and will provide warnings as outlined in the attached Propane Emergency Response Procedures placard (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 owner/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 agent/operator or alternate should first follow the actions in the ERP's provided herein. Staged evacuation, if the release of propane cannot be stopped by cutting electrical power, may be required. The initial muster location will be down the street, under the large Canadian Tire sign marking the entrance to the warehouse store, and away from a dispersing propane cloud. 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 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).
When the system is operational, site staff will be on duty and be in the propane tank area. The Key Contact or alternate will be implementing ER 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 is shutdown.
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 open area that is easily accessible from Dixie Road and Eglinton Avenue.
The access routes for fire trucks 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 will be provided by agent - Jaswinder Riar, verbally if on-site, or by cell phone during off hours.
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 the 24 hour contact, Jaswinder Riar, approximately 30 minutes to arrive on-site after having received the emergency call.

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	Date (dd-mm-yyyy) 6-12-2011



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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 type="checkbox"/>	<input checked="" 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)	80 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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December 2, 2011

Chief John McDougall
Fire Chief
Mississauga Fire Services
15 Fairview Rd. W
Mississauga, ON L5B 1K7

COPY

Dear Chief McDougall;

We kindly request that you review this Risk & Safety Management Plan for the Canadian Tire Facility, located at 5067 Dixie Road in Mississauga, as per Ontario Regulation 211X01.

Please complete page 11, sign, and return to:

John Lastoria
EH & S Specialist
Canadian Tire Petroleum Network Development
Canadian Tire Corporation
2180 Young Street,
Toronto, ON M4P 2V8
Phone: (416) 544-7608
Fax: (416) 544-6163

Your immediate attention to this matter would be greatly appreciated.

Sincerely,

John Lastoria
EH & S Specialist for Canadian Tire Corporation

Enclosure: 1



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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-mm-yyyy)

LOCAL FIRE SERVICES

The undersigned has reviewed Section B of the Risk and Safety Management Plan Fire Services.

Print name	Signature	Date (dd-mm-yyyy)
Local Fire Services Name		

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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-mm-yyyy) 02-12-2011	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: <u>8 m</u>	Right side property line: <u>60 m</u>
Rear: <u>93 m</u>	Left side property line: <u>45 m</u>
GPS coordinates of single largest vessel: <u>Lat. 43.6364 Long.-79.6211</u>	

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) John Lastoria	Official Title E H & S Specialist	
Signature 	Telephone No. 416-544-7608	Date (dd-mm-yyyy) 6-12-2011

1337

5067 DIXIE RD. MISSISSAUGA
ON L4W 5S6

metric

ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN MILLIMETERS
1. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND LOCATIONS PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.
4. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.

COHOS EVAMY
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PLANNING

1100, 1000, 11, Waterloo St., Oakville, Ontario, N5V 2Y9
Tel: (905) 345-5201 Fax: (905) 345-5208

ISSUED FOR:	DATE
1. BUILDING PERMIT	06-05-19
2. RED	06-05-19
3. RED	06-05-19
4. CONSTRUCTION	06-07-23
5. BUILDING PERMIT RESUBMISSION	06-08-17



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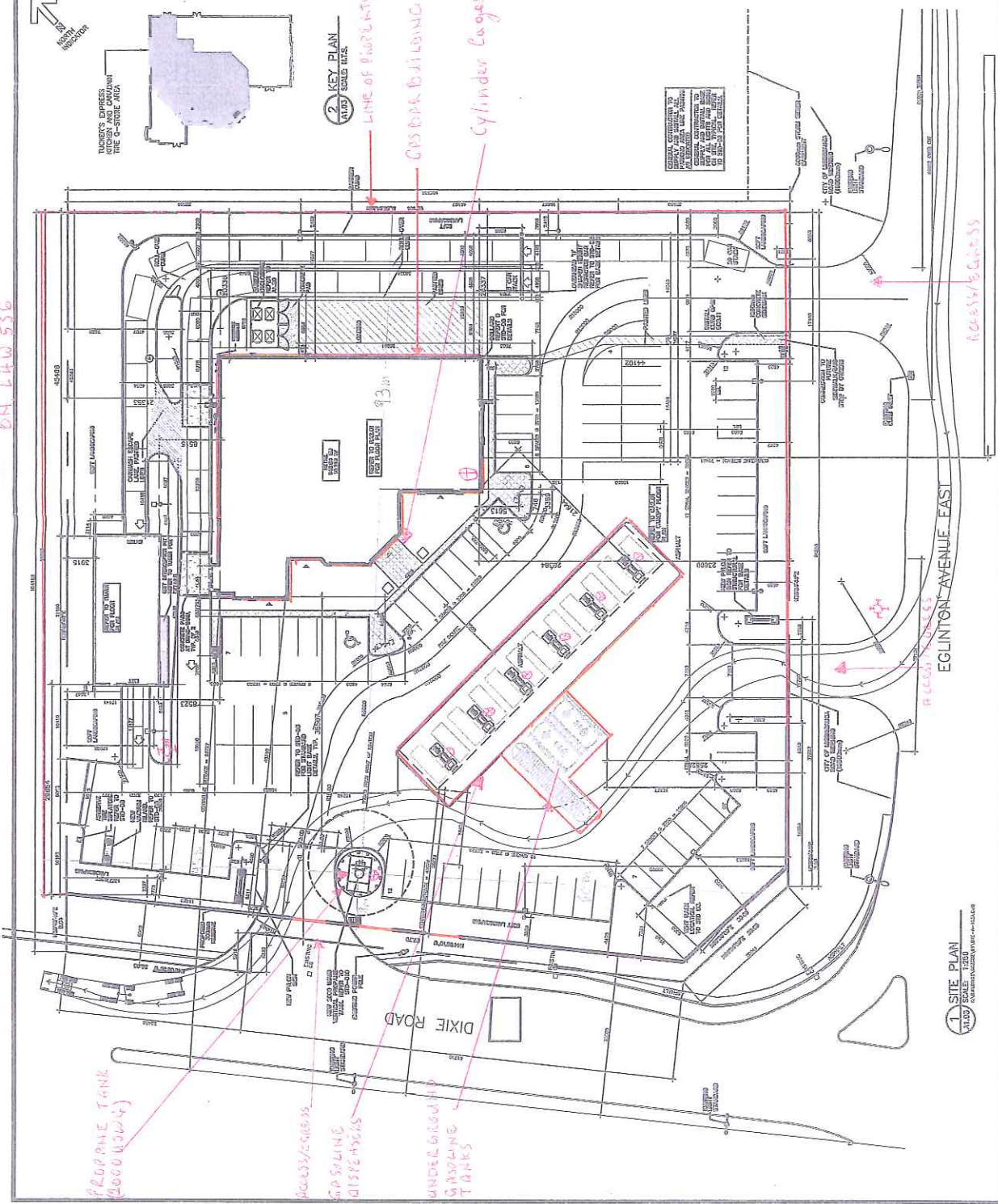
DIMENSIONING PLAN

DRAWN: UH
CHECKED: SC
PLOT DATE: 2007.03.02 8:24:07 AM

A1.03A

C02392.04001

BUILDING PERMIT



1. SITE PLAN
1:1000
COURTESY ACCORDING TO THE PLAN

5067 DIXIE RD. MISSISSAUGA ON L4W 5S6

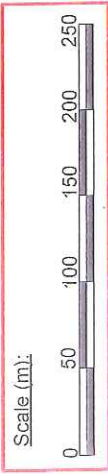
FIRE EXTINGUISHER
FIRE HYDRANTS
EMERGENCY STOP
BUTTON



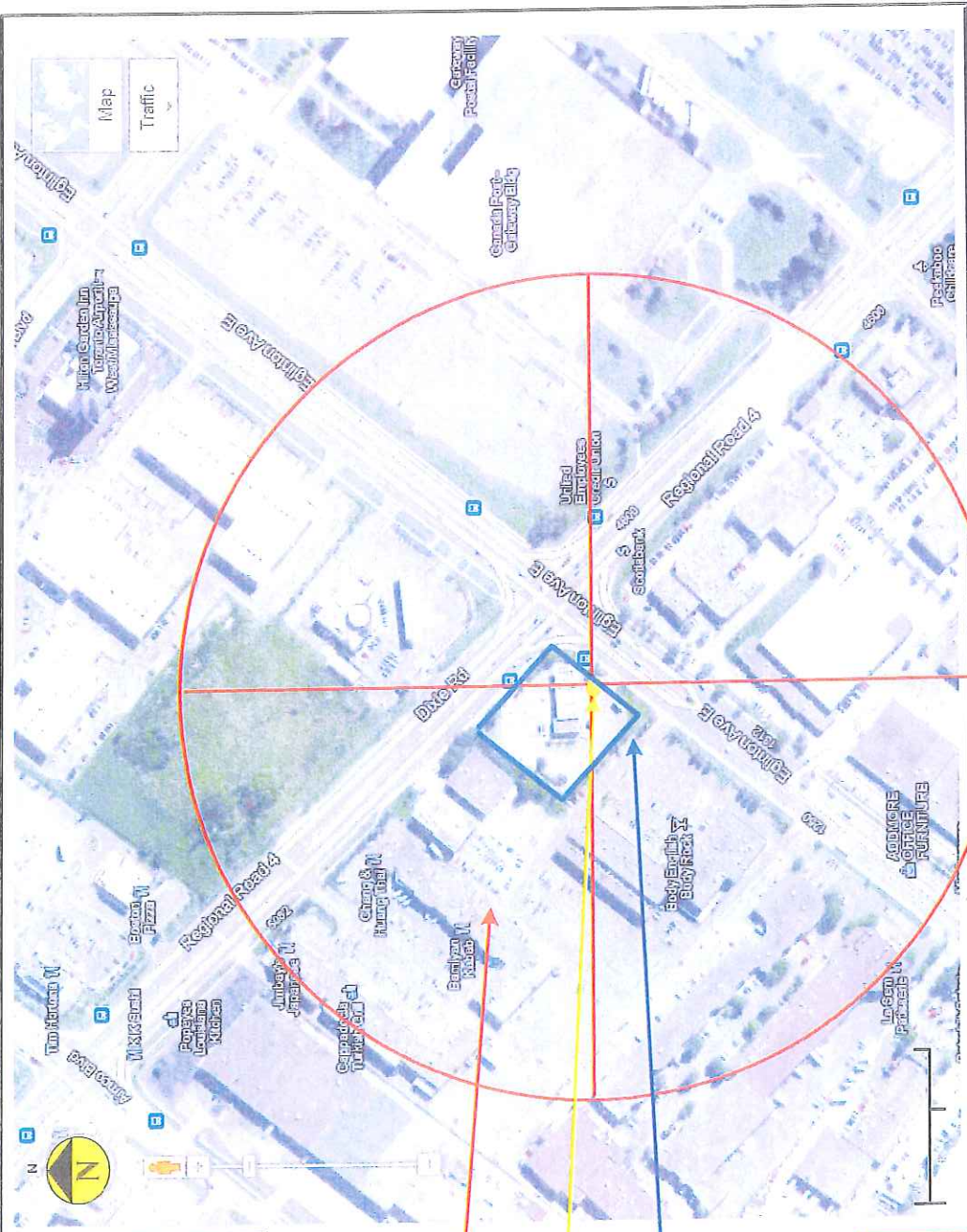
Hazard Distance = 246 m

2000 USWG Propane Tank

Property Line



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 Map data ©2011 Google, Tele Atlas



Map of Surrounding Area

Canadian Tire (1337)
 5067 Dixie Road
 Mississauga ON
 L4W 5S6

Municipality (ies) within the 1-psi overpressure circle:
 City of Mississauga

Municipal Contact:
 Crystal Greer
 City Clerk
 300 City Centre Drive, Mississauga, ON, L5B 3C1
 Tel: 905 8965419 or 905 615 3200 Ext.: 5419
 Email: crystal.greer@mississauga.ca

Seiback Distances to Site Boundary: North: 60m East: 8m South: 45m South: 93m

Capacity of Propane Storage Tank: 2000 USWG

GPS Co-ordinates of Propane Storage Tank:
 GPS Co-ordinates = Lat. 43.6364 Long. -79.6211

Circular Distance to 1 psi overpressure:
 Denoted by circle centred on tank; radial distance = 246 m

Drawn by: K.Almeij Date: December 2, 2011



Technical Standards and Safety Authority
www.tssa.org

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 (cont'd)

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

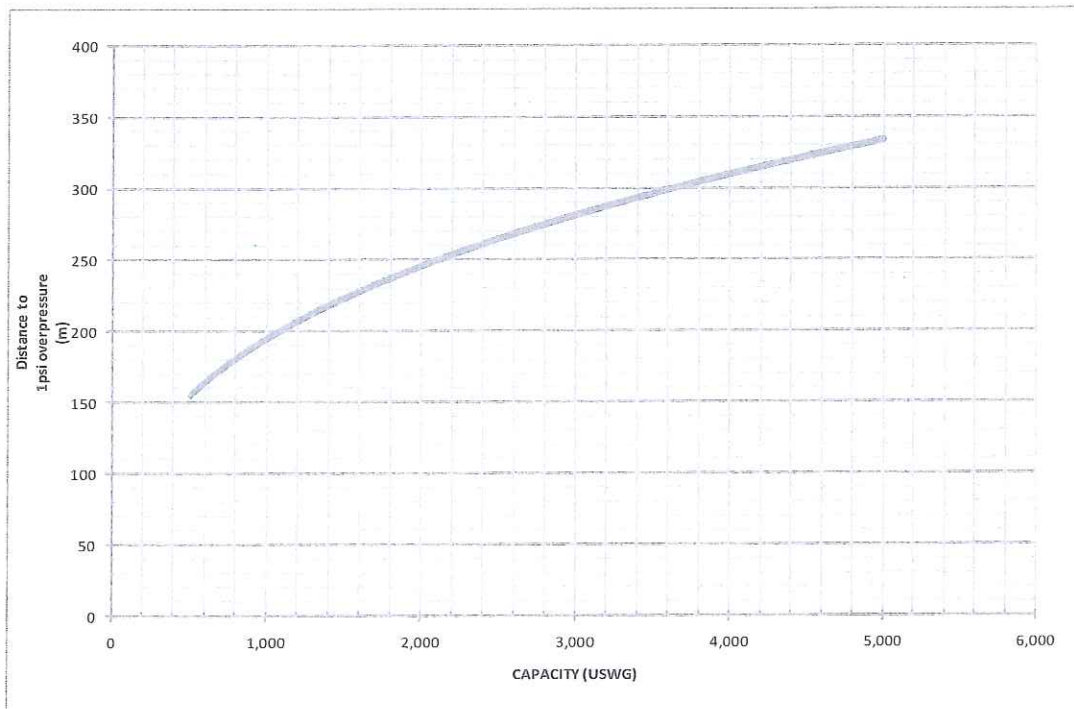
Table 1: Distance Table

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] = 0.00378541 1784 cubic meter
 1 cubic metre = 264.17 USWG

Hazard Distance Chart (EPA-TNT model)





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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>Canada Post - Gateway Postal Facility</u> Address: <u>4567 Dixie Road</u> City: <u>Mississauga</u> Province <u>ON</u> Postal Code <u>L4W 1S2</u>		X			<u>100</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: <u>None within Hazard Distance</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>0</u> m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Q - Starbucks Coffee, Tuckers, Simoniz Car Wash, Canada Post, Scotiabank, Esso and others</u> Address: <u>Dixie Road and Eglinton Avenue</u> City: <u>Mississauga</u> Province <u>ON</u> Postal Code _____				X	<u>20</u> m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: <u>None within Hazard Distance</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>0</u> m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: <u>None within Hazard Distance</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>0</u> m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: <u>None within Hazard Distance</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>0</u> 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>John Lastoria</u>	Official Title <u>E H & S Specialist</u>
Signature 	Telephone No. <u>416-544-7608</u> Date (dd-mm-yyyy) <u>6-12-2011</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		
# 30	8.8		
# 20	5.8	48	279 USWG
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			279 USWG

Tanks Stored On-site Not Connected for Use

Tank Size In USWG	Quantity	Total Volume in USWG
2000 USWG	1	2000 USWG
Total Tank Capacity		2000 USWG

Total Cylinder Capacity	279 USWG
Total Tank Capacity	2000 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	2279 USWG