



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

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.

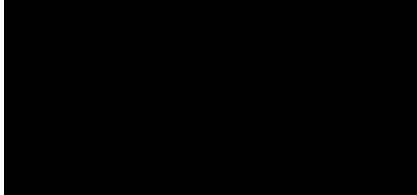
Cylinder Motor Fill Filling Plant Card/Keylock

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

For Office Use Only

RECEIVED

TECHNICAL STANDARDS & SAFETY AUTHORITY



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 M. SAUGA FIRE & PROTECTIVE
 Certainteed Gypsum Canada Inc.
 Operator Name (if different from above) _____
 Ontario Corporation No., if applicable _____

Telephone No. 905-823-9881 Fax No. 905-823-4479 E-mail carlos.pecino@saint-gobain.com
 DATE RECD AUG 30 2011
 RECD BY _____ DATE _____

B Street No. 2424 Street Name / 911 Number / Address, if applicable Lakeshore Road West
 Town / City or Township / County Mississauga Province Ontario Postal Code L5J 1K4

Mailing address if different from above.

C Street No. _____ Street Name / 911 Number / Address, if applicable _____
 Town / City or Township / County _____ Province _____ Postal Code _____

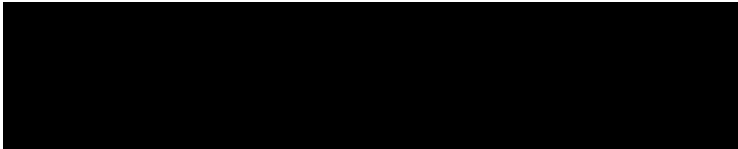
Information on Container Refill Centre or Filling Plant

D Location of facility.
 Street No. 2424 Street Name / 911 Number / Address, if applicable Lakeshore Road West Nearest Major Intersection Lakeshore Rd. W. & Winston Churchill Rd.
 Town / City or Township / County Mississauga Province Ontario Postal Code L5J 1K4

Name of Licence Holder Carlos Pecino


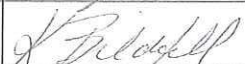
Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT). Kim Bildfell ROT type 400-04

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 <u>Carlos Pecino</u>	Signature 	Date (dd-mm-yyyy) <u>30-08-2011</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Kim Bildfell</u>	Signature 	Date (dd-mm-yyyy) <u>30-08-2011</u>



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SECTION A: GENERAL INFORMATION (cont'd)

Indicate the year the facility was established. 1980 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.
Security fence was equipped with Mag Bolts in 1998, Tank changed out in 2011


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

	PSIG	Serial Number
Tank1:	<u>250 psig</u>	<u>5478642</u>
Tank2:	_____	_____
Tank3:	_____	_____

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

Fixed: 1000 USWG Portable: 96.2 USWG Mobile: 0 USWG

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Name of person completing this form (please print) <u>Carlos Pecino</u>	Official Title <u>Production Manager</u>	
Signature 	Telephone No. <u>1-905-823-9881</u>	Date (dd-mm-yyyy) <u>29-08-2011</u>



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s) Superior Propane		For Office Use - Party No.	
Street No. 789	Street Name / 911 Number / Address, if applicable Bayview Drive		
Town / City or Township / Country Barrie		Province Ontario	Postal Code L4M 9A5
Telephone No. 416-706-0741	Fax No. 1-905-446-1647	Contact Name Reg Adamson	
E-mail adamsonr@SuperiorPropane.com			

Name of Propane Transporter. If same as above, please check box. <input type="checkbox"/>		For Office Use - Party No.	
Trimac Transport			
Street No. 1700 800	Street Name / 911 Number / Address, if applicable 5 th Avenue SW.		
Town / City or Township / Country Calgary		Province Alberta	Postal Code T2P 5A3
Telephone No. 403-298-5100	Fax No. 403-298-5146	Contact Name Dale Eaid	
E-mail N/A			

Off-site Cylinder and/or Mobile Storage 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	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.

There are no hazardous materials on site.

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

The company has their own hydrants on site that are supplied from the City of Mississauga public works

There are two hydrants close to the propane storage tank that are accessible to the plant personnel.

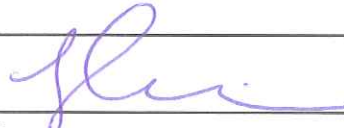
List of fire protection controls (e.g., fire detection systems, fire notification systems, alarm systems, automatic shut off devices, fusible links, etc.) and describe their function, use and operation.

The propane tank has an ISC valve with a fusible link on it that closes the suction valve to the pump. There is also an Emergency Stop at the filling location that when activated shuts all power to the pump.

Maintenance and testing schedule for fire protection controls and devices.

Conducted by Simplex-Grinnell as part of regular fire protection system testing and maintenance program. Various site tests are conducted weekly, monthly, and annually.

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

1. Contacts for Emergency Response

1. Facility Contact Personnel - Key Contact

Name Carlos Pecino	For Office Use - Party No.
Official Title Production Manager	
Telephone No. 1-905-823-9881	Fax No. 1-905-823-4479
E-mail carlos.pecino@saint-gobain.com	
Role and responsibilities in emergency Site safety champion. Coordinates site response to emergencies.	

5. Facility 24-Hour Contact Person

Name Carlos Pecino	For Office Use - Party No.
Official Title Production Manager	
Cell No. 1-905-330-9995	Fax No. 1-905-823-4479
E-mail carlos.pecino@saint-gobain.com	
Role and responsibilities in emergency Site safety champion. Coordinates site response to emergencies.	

2. Facility Contact Personnel - Alternate Contact

Name Landry Biles	For Office Use - Party No.
Official Title Maintenance Manager	
Telephone No. 1-905-823-9881	Fax No. 1-905-823-4479
E-mail landry.biles@saint-gobain.com	
Role and responsibilities in emergency Ensure emergency systems are maintained and correct any deficiencies.	

6. Name of Facility Manager

Name Jason Davies	For Office Use - Party No.
Official Title Plant Manager	
Telephone No. 1-905-823-9881	Fax No. 1-905-823-4479
E-mail jason.davies@saiont-gobain.com	
Role and responsibilities in emergency Ensures all Employees are trained in the Emergency Response program and delegates Authority to Department Heads to maintain Safety Program	

3. Local Fire Services - Key Contact

Name John McDougall	For Office Use - Party No.
Official Title Fire Chief	
Telephone No. 905-615-3750	Fax No. 905-615-4579
E-mail John.mcdougall@mississauga.com	
Role and responsibilities in emergency Coordination of municipal fire services, liaison with property owner, administrator of fire services and advisor to municipal council	

7. Propane Supplier Key Contact Person

Name Reg Adamson	For Office Use - Party No.
Official Title Area Sales Representative	
Telephone No. 416-706-0741	Fax No. 905-446-1647
E-mail adamsonr@SuperiorPropane.com	
Role and responsibilities in emergency Coordinate bulk trucks and maintenance equipment for propane and initiate the OPA Emergency Response Plan as required.	

4. Local Fire Services - Alternate Contact

Name Greg Liang	For Office Use - Party No.
Official Title Deputy Chief	
Telephone No. 905-615-3754	Fax No. 905-896-3773
E-mail Greg.liang@mississauga.ca	
Role and responsibilities in emergency Coordination of municipal fire services, liaison with property owner, administrator of fire services and advisor to municipal council	

8. Municipal Contact

Name Ray Poitras	For Office Use - Party No.
Official Title Manager, Development Team South	
Telephone No. 905-615-3200 Ext: 5544	Fax No. 905-896-5553
E-mail ray.poitras@mississauga.ca	
Municipality City of Mississauga, 300 City Centre Drive, Mississauga, ON. L5B 2C1	

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Signature 	Telephone No. 1-905-823-9881
	Date (dd-mm-yyyy) 30-08-2011



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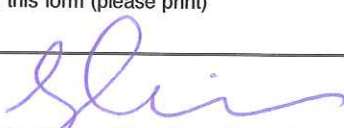
SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

2. Additional Safety Measures

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

This facility has a card access system in order to gain access to the propane compound. This is an added feature that most facilities do not have. Only persons with valid cards can gain access to the tank area.

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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) TBD	Print Name of Training Provider: Certainteed Gypsum
	Print Name of Instructor: Production Supervisor
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

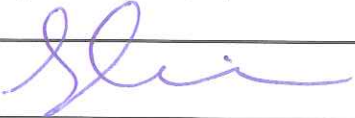
Training on the facility's Emergency Management Procedures provided to staff.

Training Date (dd-mm-yyyy) TBD	Print Name of Training Provider: Certainteed Gypsum
	Print Name of Instructor: Production Supervisor
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) 28-07-2011	Print Name of Training Provider: Superior Propane
	Print Name of Instructor: Reg Adamson
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:

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Signature 	Telephone No. 1-905-823-9881
	Date (dd-mm-yyyy) 30-08-2011



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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) TBD	Print Name of Training Provider: Certainteed Gypsum
	Print Name of Instructor: Production Supervisor
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

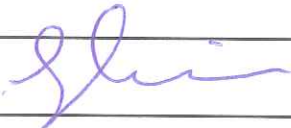
Training on the facility's Emergency Management Procedures provided to staff.

Target Date (dd-mm-yyyy) TBD	Print Name of Training Provider: Certainteed Gypsum
	Print Name of Instructor: Production Supervisor
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) As Required	Print Name of Training Provider: Superior Propane
	Print Name of Instructor: Reg Adamson
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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Signature 	Telephone No. 1-905-823-9881	Date (dd-mm-yyyy) 30-08-2011



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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.

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).

See the Emergency Preparedness Plan

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).

See the Emergency Preparedness Plan

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).

Plant fire protection system is monitored 24/7 by a third party company who notifies 911 in case of emergency. Emergency plan also calls for production supervisors to call 911 for emergencies that do not trigger the fire protection system.

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

Third party monitoring company has an emergency response call list should an emergency occur when the plant is not occupied. Those persons contacted will provide access to the fire department.

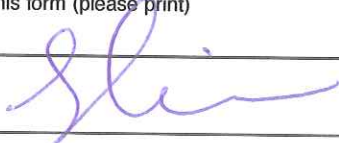
Describe how the licence holder will ensure continual flow of updated information to authorities.

When Emergency Responders come to the site, the Production Manger or Shift Forman will identify themselves as the person who is responsible for the site. Once identified, all communication with Emergency Responders will be through this designated person.

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

20 to 30 minutes

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Name of person completing this form (please print) <i>Carlos Pecino</i>	Official Title <i>Production Manager</i>
Signature 	Telephone No. <i>1-905-823-9881</i>
	Date (dd-mm-yyyy) <i>30-08-2011</i>



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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 type="checkbox"/>	<input checked="" 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>25 m (80')</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-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 <u>Gino Nucifora, Captain, Fire Prevention</u>		07-09-2011

Note to TSSA - See Attached City of Mississauga Review Sheets. [Signature]

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Name of person completing this form (please print) <u>Carlos Pecino</u>	Official Title <u>Production Manager</u>	
Signature 	Telephone No. <u>1-905-823-9881</u>	Date (dd-mm-yyyy) <u>10-09-2011</u>



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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) 17-07-2010	Capacity of single largest propane storage vessel (USWG) 1000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: 208 m	Right side property line: 50 m
Rear: 160 m	Left side property line: 129 m
GPS coordinates of single largest vessel: Lat:42 18'19.23"N Long:83 6'10.98"W	

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Name of person completing this form (please print) J. Ross Keys	Official Title Consultant	
Signature 	Telephone No. 1-416-526-1405	Date (dd-mm-yyyy) 30-08-2011



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Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION C: SUBMISSIONS (cont'd)

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

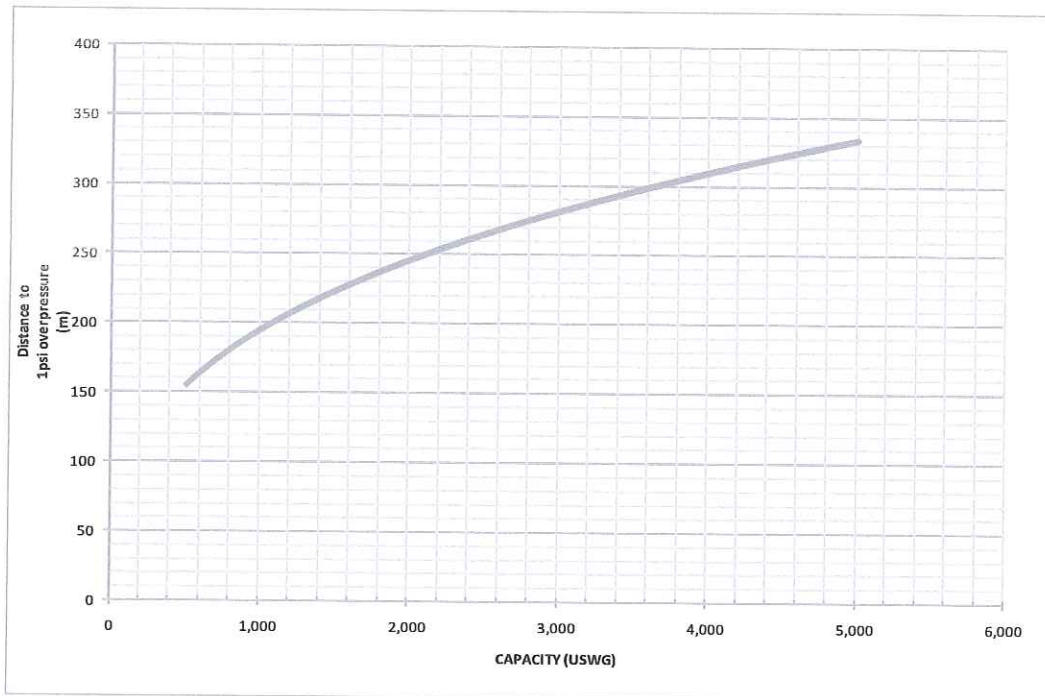
Table 1: Distance Table

Water Capacity (litres)	Nominal Water Capacity (USWG)	Distance to 1 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)



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) J. Ross Keys	Official Title Consultant	
Signature 	Telephone No. 1-416-526-1405	Date (dd-mm-yyyy) 30-08-2011



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

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>CHUM Radio</u> Address: <u>2426 Lakeshore Road West</u> City: <u>Mississauga</u> Province <u>Ontario</u> Postal Code <u>L5J 1K4</u>		X			<u>177</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m

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

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

Name of person completing this form (please print) <u>Carlos Pecino</u>	Official Title <u>Production Manager</u>
Signature 	Telephone No. <u>1-905-823-9881</u>
	Date (dd-mm-yyyy) <u>30-08-2011</u>



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SECTION C: SUBMISSIONS (cont'd)

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

Portable Storage Additional Information Sheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5		
# 40	11.75		
# 33.3	9.62	10	96.2 USWG
# 30	8.8		
# 20	5.8		
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			96.2 USWG

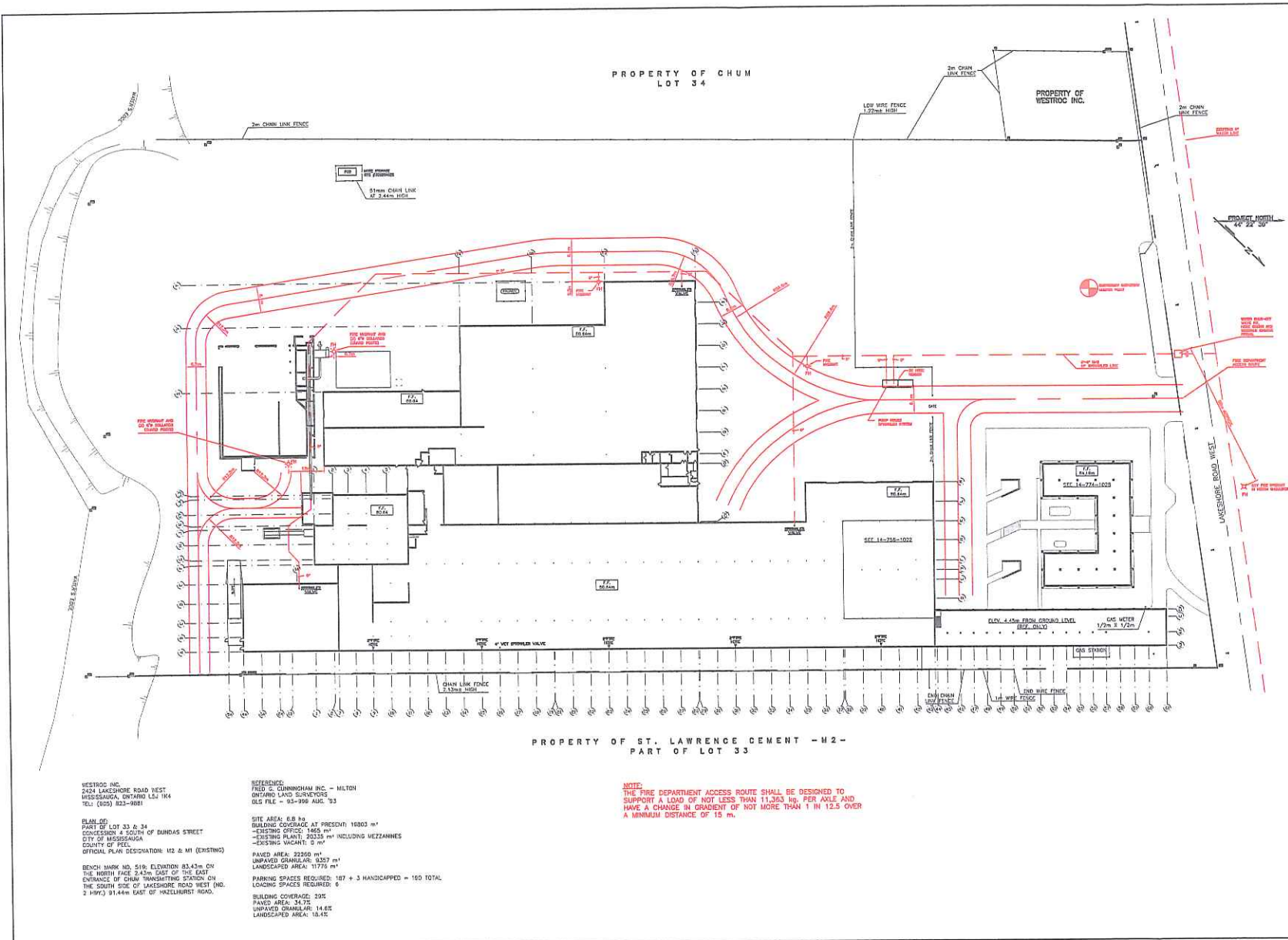
Tanks Stored On-site Not Connected for Use

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

Total Cylinder Capacity	96.2 USWG
Total Tank Capacity	1000 USWG
Total Portable Capacity	0 USWG

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) Carlos Pecino	Official Title Production Manager
Signature 	Telephone No. 1-905-823-9881
	Date (dd-mm-yyyy) 30-08-2011



PROPERTY OF CHUM
LOT 34

PROPERTY OF
WESTRO INC.

PROPERTY OF ST. LAWRENCE CEMENT - M2 -
PART OF LOT 33

WESTRO INC.
2424 LAKESHORE ROAD WEST
MISSISSAUGA, ONTARIO L5J 1K4
TEL: (905) 823-9881

PLAN OF
PART OF LOT 33 & 34
CONVEYANCE & SOUTH OF DUNDAS STREET
CITY OF MISSISSAUGA
COUNTY OF PEELE
OFFICIAL PLAN DESIGNATION: M2 & M1 (EXISTING)

BENCH MARK NO. 518: ELEVATION 83.43m ON
THE NORTH FACE 3.43m EAST OF THE EAST
ENTRANCE OF CHUM TRANSMITTING STATION ON
THE SOUTH SIDE OF LAKESHORE ROAD WEST (NO.
2 HWY) 91.44m EAST OF HAZELHURST ROAD.

REFERENCE:
FRED C. CUMMINGHAM INC. - MILTON
ONTARIO LAND SURVEYORS
O.S. FILE - 95-958 AUG. '93

SITE AREA: 6.8 ha
BUILDING COVERAGE AT PRESENT: 16803 m²
-EXISTING OFFICE: 1465 m²
-EXISTING PLANT: 20335 m² INCLUDING MEZZANINES
-EXISTING VACANT: 0 m²

PAVED AREA: 22200 m²
UNPAVED GRANULAR: 9357 m²
LANDSCAPED AREA: 11775 m²

PARKING SPACES REQUIRED: 187 + 3 HANDICAPPED = 190 TOTAL
LOADING SPACES REQUIRED: 6

BUILDING COVERAGE: 29%
PAVED AREA: 34.7%
UNPAVED GRANULAR: 14.6%
LANDSCAPED AREA: 15.4%

NOTE:
THE FIRE DEPARTMENT ACCESS ROUTE SHALL BE DESIGNED TO
SUPPORT A LOAD OF NOT LESS THAN 11,363 kg. PER AXLE AND
HAVE A CHANGE IN GRADIENT OF NOT MORE THAN 1 IN 12.5 OVER
A MINIMUM DISTANCE OF 15 m.

REV.	DESCRIPTION	DRAWING NO.

LEGEND:

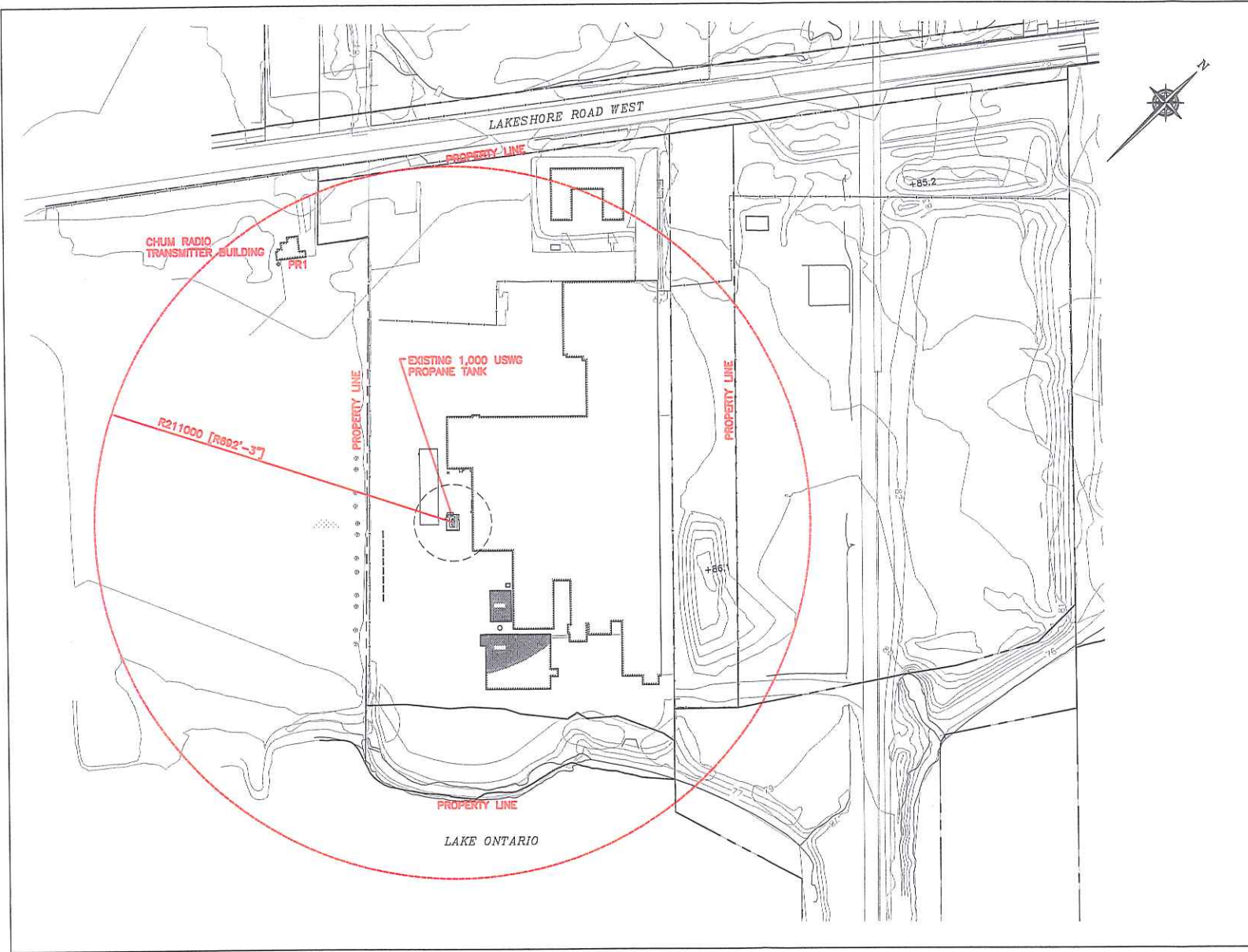
- FE ● FIRE EXTINGUISHER
- FH ● FIRE HYDRANT
- ESD ● EMERGENCY SHUT-DOWN
- (with cross) MASTER POINT

REV.	REVISION	DATE	BY

EXISTING FIRE PROTECTION

REFERENCE:	14-752-2025
EQUIPMENT NO.:	
DATE:	
DRAWN BY:	R. STEWART
CHECKED BY:	
DATE CHECKED BY:	
SCALE:	1:600
CAD FILE:	14-752-2007a01
LOCATION:	TORONTO
DRAWING NO.:	14-752-2007





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

$$D = 17 \times \left(0.1 \times W_p \times \frac{HC_r}{HC_{max}} \right)^{1/3} = 211m$$

PROPERTY LINE SETBACKS	
NORTH	208.4m
SOUTH	100.0m
EAST	129.1m
WEST	50.1m

PUBLIC RECEPTOR	DESCRIPTION	DISTANCE FROM TANK	POPULATION DENSITY
PR-1	INDUSTRIAL	177.0m	0

AS PER TSSA GUIDELINES FOR THE IMPLEMENTATION OF THE RISK AND SAFETY MANAGEMENT PLAN, THIS FACILITY ONLY REQUIRES A LEVEL 1 RSPM SUBMISSION. THERE IS ONE PUBLIC RECEPTOR WITHIN HAZARD DISTANCE. THIS IS AN UNMANNED BUILDING USED TO HOUSE RADIO TRANSMISSION EQUIPMENT OWNED BY CHUM RADIO.

PLANNING ADVISORY INFORMATION:

MANAGER, DEVELOPMENT TEAM SOUTH:
 CITY OF MISSISSAUGA
 300 CITY CENTRE DRIVE
 MISSISSAUGA, ON L5B 3C1

ATM: RAY POTRAS, B.A., MCP, RPP
 PH: 905-815-3200 EXT# 3544

LATITUDE	LONGITUDE
42° 18' 19.23"N	83° 6' 10.36"W

No.	Date	Description	By
1	SEPT 20, '11	ISSUED FOR T.S.S.A. RSPM APPROVAL	D.F.
0	AUG 27, '11	ISSUED FOR CITY OF MISSISSAUGA APPROVAL	D.F.

REVISIONS			

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

Project: CERTIFIED CYPRIUM 2424 Lakeshore Road West Mississauga, ON L5L-1K6	Drawn By: D.F. Checked By: J.R.K. Date: JUL 27, '10 Drawing Scale: 1:1000
Drawing Title: BLAST RADIUS PLAN LAYOUT	ACAD INFORMATION Drawing File: 101730-P-200 Drawing Size: 0 Plotting Scale: 1=1
Drawing Number: P-200	File Number: 101700



Review and Comments for Level 1 RSMP

Location: 2424 Lakeshore Rd West
Mississauga, Ontario
L5J 1K4

Applicant: ~~Certainteed Gypsum Canada Inc.~~
~~2424 Lakeshore Rd West~~
~~Mississauga, Ontario~~
~~L5J 1K4~~

Municipal Fire Department Information

	Mississauga Fire & Emergency Services
Address	15 Fairview Road West
Postal Code	L5B 1K7
Fire Chief	John McDougall
Phone	905-615-3750
Cell	905-601-1394
FAX	905-615-4579
Email	John.mcdougall@mississauga.ca
Alternate	Deputy Chief Greg Laing
Phone	905-615-3754
Cell	905-872-3769
FAX	905-896-3773
Email	Greg.laing@mississauga.ca

General Comments

Note that:

- "X" indicates reviewed with comment.
- "√" indicates reviewed without comment.

Submission is not signed.

X

Water Supply comments	
Check the appropriate response that best suits the water flow situation identified by your fire department.	
Note: this information should also be shown in the Level 1 RSMP (Pg 10 of 15).	
The fire service has the capability to pump and maintain a continuous flow rate of 375 GPM at the referenced facility	√

Section B – Fire Safety	Page 4
Hazardous materials comments:	√
Fire & emergency equipment on site map comments: Location of hydrants, manual/ electrical shut offs, fire extinguishers etc. not clear due to scale of the site map. Applicant may need to consider providing a more detailed dispensing station plan.	X
List of fire protection controls comments: General emergency alarm not described.	X
Maintenance schedule for fire protection controls and	X

devices comments:	
Provide specific maintenance schedule for each/ all fire and emergency equipment noted	

Section B – Contacts For Emergencies	Page 5
1 – Facility contact comments: Roles & Responsibilities comments: ERPP not included in submission. No detail provided .	X
2 – Facility contact (alt) comments: see above Roles & Responsibilities comments:	X
5 – Facility 24 hr contact comments: see above Roles & Responsibilities comments:	X
6 – Facility manager comments: see above Roles & Responsibilities comment:	X
7- Propane Supplier comments : see above Roles & Responsibilities comments :	X
3 – Fire Services contact: John McDougall Roles & Responsibilities: Coordination of municipal fire services, liaison with property owner, administrator of fire services and advisor to municipal council	√
4 – Fire Services contact: Greg Laing Roles & Responsibilities: Coordination of municipal fire services, liaison with property owner, administrator of fire services and advisor to municipal council	√

Section B – Additional Safety Measures	Page 6
Measures exceeding minimum Code and Standards comments:	√

Section B –Record of emergency training	Page 8
Training provided for facility comments:	X
No training indicated in the most recent 12 months	
Training provided for staff comments: see above	X
Training provided for holders of ROT comments: see above	X

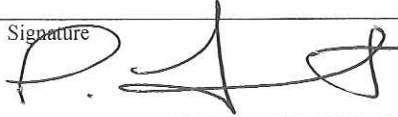
Section B –Emergency Response Communications Plan	Page 9
Warnings and actions comments:	X
No detail. ERPP not included with submission.	
Communication with Emergency Response Authorities:	X
ERPP not included with submission.	

Section B –Building physical security and procedures	Page 10
Comments:	√
Section B –Water Supply	Page 10
Comments:	√

Section B –Propane operator and fire service review	Page 11
Has the local fire services had an opportunity to review the emergency Response and Preparedness Plan?	Yes No √ ~
If no, please explain:	
Fire Services comments, if any:	

Local Fire Services

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

Print Name Paul Farrant	Signature 	Date (dd-mm-yyyy) 15-09-2011
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