



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.

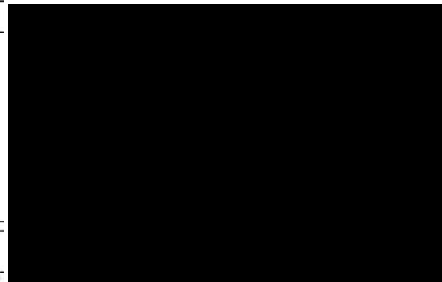
Failure to fully complete this form may result in rejection.
Making a false statement may result in a fine or prosecution under the *Technical Standards and Safety Act*

Licence Number 000076644784 000207927

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 CRS Contractors Rental Supply General Partner Inc. Ontario Corporation No., if applicable 1258377

Operator Name (if different from above)

Telephone No. (519) 569-8631 Fax No. (519) 744-1137 E-mail wdehnke@crsbarrie.ca

Street No. 75 Street Name / 911 Number / Address, if applicable Centennial Road

Town / City or Township / County Kitchener Province Ontario Postal Code N2B 3E9

Mailing address if different from above.

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

Location of facility.

Street No. 199 Street Name / 911 Number / Address, if applicable Mountain Road Nearest Major Intersection Mountain Road & 10th. Line

Town / City or Township / County Collingwood Province Ontario Postal Code L9Y 3Z9

Name of Licence Holder CRS Contractors Rental Supply General Partner Inc.

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT). Steve Fay ROT type 300-01

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

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	Signature	Date (dd-mm-yyyy)
Name of Licence Holder <u>CRS Contractors Rental Supply General Partner Inc.</u>		<u>18/03/2013</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Steve Fay</u>		



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 A: GENERAL INFORMATION (cont'd)

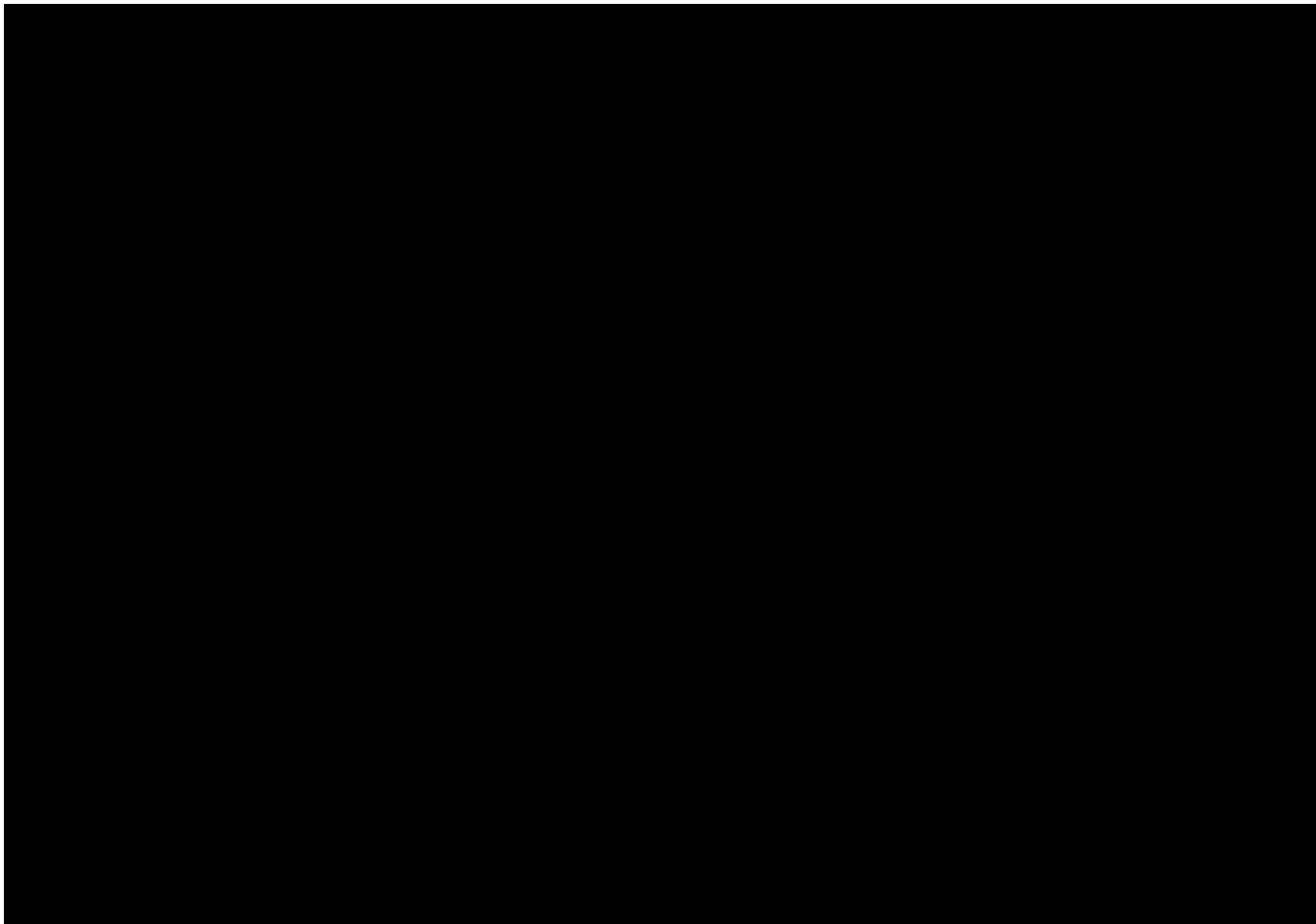
Indicate the year the facility was established. Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.
2006

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

	PSIG	Serial Number
Tank1:	<u>250</u>	<u>25-06</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: 2,000 Portable: 2,860.67 Mobile: 0



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)		Official Title	
Will Dehnke		Propane Manager	
Signature		Telephone No.	Date (dd-mm-yyyy)
		(705) 739-6999	18/03/2013



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 A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s)			
Contractors Rental Supply			
Street No.	Street Name / 911 Number / Address, if applicable		
535	Welham Road		
Town / City or Township / Country		Province	Postal Code
Barrie		Ontario	L4N 8Z6
Telephone No.	Fax No.	Contact Name	
(705) 739-6999	(705) 739-1004	Will Dehnke	
E-mail			
wdehnke@rogers.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.

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)		Official Title	
Will Dehnke		Propane Manager	
Signature	Telephone No.		Date (dd-mm-yyyy)
	(705) 739-6999		18/03/2013



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 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.
N/A

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

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.

Emergency shut-off switches at cylinder fill plant and inside shop to activate solenoid valve at tank outlet

Fusible links on cable that holds internal shut off valve open, links will separate with temperature rise and ISC valve will close with spring tension

Maintenance and testing schedule for fire protection controls and devices.

Georgian Bay Fire Services Records

Monthly Plant Inspection

Annual Plant Inspection

See Attached (A)

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) Will Dehnke	Official Title Propane Manager
Signature 	Telephone No. (705) 739-6999
	Date (dd-mm-yyyy) 18/03/2013



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 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 Gavin Howe	For Office Use - Party No.	Name Gavin Howe	For Office Use - Party No.
Official Title Branch Manager		Official Title Branch Manager	
Telephone No. (705) 444-8377	Fax No. (705) 444-8310	Cell No. (705) 441-0189	Fax No. (705) 444-8310
E-mail ghowe@crscollingwood.ca		E-mail ghowe@crscollingwood.ca	
Role and responsibilities in emergency Company on scene commander		Role and responsibilities in emergency Company on scene commander	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Joe McFadden	For Office Use - Party No.	Name Gavin Howe	For Office Use - Party No.
Official Title Health and Safety Representative		Official Title Branch Manager	
Telephone No. (705) 444-8377	Fax No. (705) 444-8310	Telephone No. (705) 441-0189	Fax No. (705) 444-8310
E-mail gmcarthur@crsowensound.ca		E-mail ghowe@crscollingwood.ca	
Role and responsibilities in emergency Branch Manager Designate		Role and responsibilities in emergency Company on scene commander	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Trent Elyea	For Office Use - Party No.	Name Will Dehnke	For Office Use - Party No.
Official Title Fire Chief	E-mail telyea@collingwood.ca	Official Title Propane Manager	E-mail wdehnke@crsbarie.ca
Telephone No. (705) 445-3920	Fax No. (705) 445-7361	Telephone No. (705) 790-2882	Fax No. (705) 739-6999
Role and responsibilities in emergency On site Commander		Role and responsibilities in emergency Emergency Response Liasion	
Fire Services Address 201 Ontario Street, Collingwood, Ontario L9Y 4M4		Propane Supplier Address	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Ross Parr	For Office Use - Party No.	Name Trevor Houghton	
Official Title Deputy Fire Chief	E-mail rparr@collingwood.ca	Official Title C.P.T. Town Planner	
Telephone No. (705) 445-3920	Fax No. (705) 445-7361	Telephone No. (705) 445-1209	Fax No. (705) 445-4704
Role and responsibilities in emergency Officer		E-mail	
Fire Services Address 201 Ontario Street, Collingwood, Ontario L4Y 4M4		Municipality Name and Address Town of Collingwood 105 Hurontario Street, P.O. Box 157, Collingwood	

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) Will Dehnke	Official Title Propane Manager
Signature 	Telephone No. (705) 739-6999
	Date (dd-mm-yyyy) 18/03/2013



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 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.

[Large empty area with horizontal dashed lines for describing additional safety measures.]

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) Will Dehnke	Official Title Propane Manager	
Signature 	Telephone No. (705) 739-6999	Date (dd-mm-yyyy) 18/03/2013



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 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) 20/08/2012	Print Name of Training Provider: Contractors Rental Supply
	Print Name of Instructor: Joe McFadden
Training Date (dd-mm-yyyy) Monthly	Print Name of Training Provider: Contractors Rental Supply
	Print Name of Instructor: Joe McFadden (reviewed in every monthly safety meeting see Attachment B)
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) 20/08/2012	Print Name of Training Provider: Contractors Rental Supply
	Print Name of Instructor: Joe McFadden
Training Date (dd-mm-yyyy) 20/08/2012	Print Name of Training Provider: Contractors Rental Supply
	Print Name of Instructor: Joe McFadden (reviewed in August safety meeting see Attachment B)
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) 02/11/2011	Print Name of Training Provider: Contractors Rental Supply (Propane Training Institute)
	Print Name of Instructor: Shawn Marles (Trainer T2217)
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:

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) Will Dehnke	Official Title Propane Manager
Signature 	Telephone No. (707) 739-6999
	Date (dd-mm-yyyy) 18/02/2013



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 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) 15/04/2013	Print Name of Training Provider: Contractors Rental Supply (Monthly Safety Meeting see Attachment B)
	Print Name of Instructor: Joe McFadden
Target Date (dd-mm-yyyy) 15/05/2013	Print Name of Training Provider: Contractors Rental Supply (Monthly Safety Meeting see Attachment B)
	Print Name of Instructor: Joe McFadden
Target Date (dd-mm-yyyy) 15/06/2013	Print Name of Training Provider: Contractors Rental Supply (Monthly Safety Meeting see Attachment B)
	Print Name of Instructor: Joe McFadden

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

Target Date (dd-mm-yyyy) 15/08/2013	Print Name of Training Provider: Contractors Rental Supply
	Print Name of Instructor: Joe McFadden (Annual review with all staff, part of August safety meeting, see Attachment B)
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: Contractors Rental Supply (Propane Training Institute)
	Print Name of Instructor: Will Dehnke (Trainer 924) or Shawn Marles (Trainer 2217)
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:

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) Will Dehnk	Official Title Propane Manager
Signature 	Telephone No. (705) 739-6999
	Date (dd-mm-yyyy) 18/03/2013



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 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 attached Emergency Response Plan (Attachment C)

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 attached Emergency Response Plan (Attachment C)

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).
See attached Emergency Response Plan (Attachment C)

Describe provisions for fire department entry when there are no operations or staffing at the propane site.
As agreed with Collingwood Fire Department, bolt cutters will be used to gain access and Contractors Rental Supply will replace lock

Describe how the licence holder will ensure continual flow of updated information to authorities.
See attached Emergency Response Plan (Attachment C)

How long will it take the facility liaison person to respond to the site.
Maximum of 1 hour

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) Will Dehnke	Official Title Propane Manager	
Signature 	Telephone No. (705) 739-6999	Date (dd-mm-yyyy) 18/02/2013



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 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)	64.77	_____
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	_____

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) Will Dehnk	Official Title Propane Manager	
Signature 	Telephone No. (705) 739-6999	Date (dd-mm-yyyy) 18/03/2013



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

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

8. Licence holder and local Fire Services Review

To be completed by the Local Fire Services	Yes	No
Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If not, please explain (e.g., no fire services).		
Fire services comments, if any:		
Collingwood Fire Department shall conduct fire safety inspections to ensure compliance with the Ontario Fire Code.		
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 R. Bolt - Fire Prevention Officer	<i>R. Bolt</i>	21 October 2011

R. Bolt
 Collingwood Fire Department
 Collingwood, Ontario
 APR 16 2013

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)	Official Title	
WILL DEHSKE	PROPANE MANAGER	
Signature	Telephone No.	Date (dd-mm-yyyy)
<i>W. Dehske</i>	(705) 739-6999	18/03/2013



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

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)	Capacity of single largest propane storage vessel (USWG)		
12/07/2011	2,000		
Tank setback coordinates. Indicate placement on the map.			
Front:	295.5 ft.	90m	Right side property line: 14.5 ft. 4m
Rear:	11.5 ft.	4m	Left side property line: 168 ft. 51
GPS coordinates of single largest vessel: 44 30' 02.94"N 80 14'56.75"W			

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)	Official Title	
Will Dehnke	Propane Manager	
Signature	Telephone No.	Date (dd-mm-yyyy)
	(705) 739-6999	18/03/2013



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

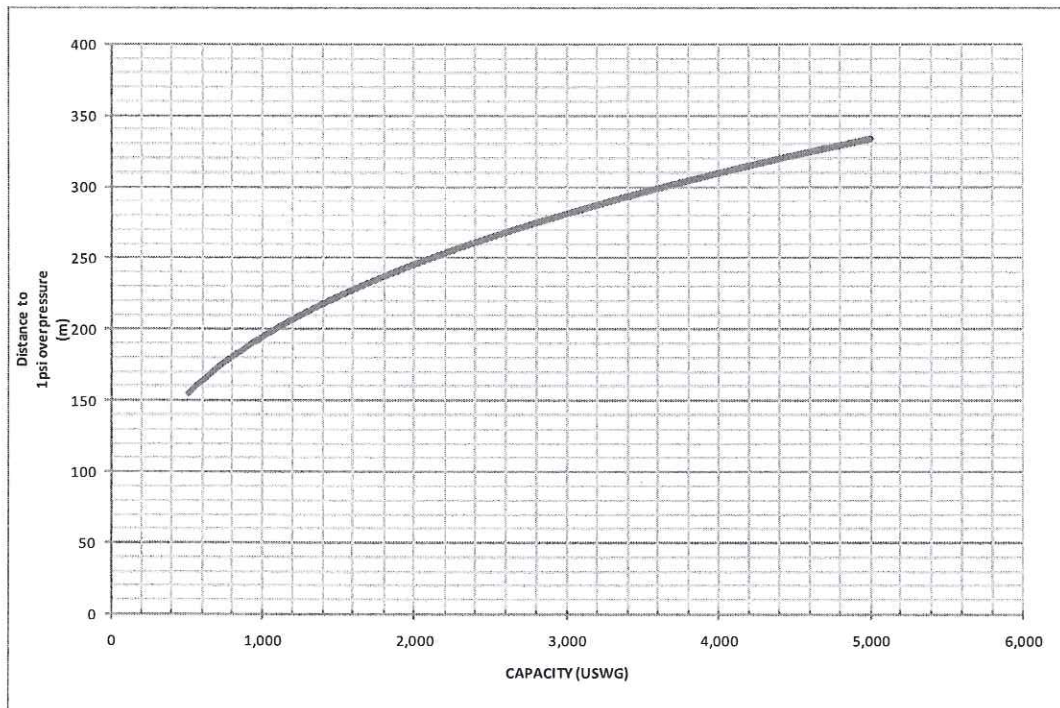
Table 1: Distance Table

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] = 0.003785411784 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: 416.231.4903
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: 2284459 Ontario Ltd. Agnova Address: 200 Mountain Road City: Collingwood Province Ontario Postal Code L94 4V5		x			135 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) Will Dehnke	Official Title Propane Manager
Signature 	Telephone No. (705) 739-6999
	Date (dd-mm-yyyy) 18/02/2013



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

WORKSHEET

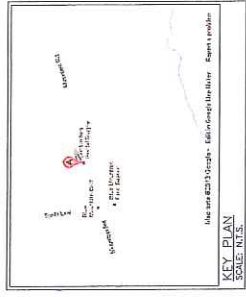
Portable Storage Additional Information Worksheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5	75	2212.5
# 40	11.75	3	35.25
# 33.3	9.62	36	346.32
# 30	8.8	0	0
# 20	5.8	46	266.8
# 10	2.9	0	0
# 5	1.5	0	0
Total Cylinder Capacity	Potential	160	2860.67

Tanks Stored On-site Not Connected for Use

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

Total Cylinder Capacity	2860.67
Total Tank Capacity	
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	2860.67



NOTES:
 CONSIDERANCE TO AN OVERPRESSURE LEVEL OF 1
 IS REQUIRED FOR THE IMPLEMENTATION OF THE RISK AND
 SAFETY MANAGEMENT PLAN

$$D = 17 \times \left(0.1 \times \frac{1}{2} \times \frac{1}{2} \right)^{1/3} = 246m$$

PROPERTY LINE SETBACKS	
NORTH	3.5m
SOUTH	78.8m
EAST	3.5m
WEST	61.7m

GPS COORDINATES	
LATITUDE	44°30'3.08\"/>

AS PER TESA GUIDELINES FOR THE IMPLEMENTATION OF THE
 RISK AND SAFETY MANAGEMENT PLAN, THIS FACILITY ONLY
 REQUIRES A LOCAL TANK.

ZONING INFORMATION
 ZONING INDUSTRIAL PARK '05

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

TOWN OF COLLINGWOOD
 55 STE. MARIE STREET, UNIT 302
 LUTHERVILLE, ONT. L0R 2W0
 CONTACT: MR. KANAK BONDARCHUK, BA, CPT
 PH: 709-446-1200 EXT 3275

No.	Date	Revisions	By
0	APR. 06, 13	ISSUED FOR RFP APPROVAL	JRK



ALTENG Inc.
 Alternative Energy Consulting
 120 Main Street, Thornhill, Ontario L3T 5J3
 Telephone: (905)764-1644

Project: **CONTRACTOR RENTAL SUPPLY (CRS)**
 Checked By: J.B.K.
 Date: APR. 06, 13
 Drawing Scale: 1:1000

Sheet: **BLAST RADIUS LAYOUT FOR 2,000 USING PROPANE TANK**
 Drawing Scale: 1:1000

Sheet Number: **P-200** | Plot Number: **061000**