



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 Tel: 416.734.3300
 Fax: 416.231.4078
 Customer Service: 1.877.682.8772
 propane@tssa.org
 www.tssa.org

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act

This Level 1 RSMP applies to:

- a facility with a total propane storage capacity
- a facility with a fixed propane storage capacity
- USWG of portable propane storage capacity

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 New Installation

Check applicable type of propane operations.

Cylinder Motor Fill Filling Plant Card/Keylock

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

SECTION A: GENERAL INFORMATION

The Undersigned applies to TSSA for a review for an RSMP under Ontario's *Technical Standards and Safety Act*, Propane Storage and Handling Regulation.

A Company Name Nartech Metal Products Ltd. Corporation No. 1109178

Operator Name (if different from above) Narmco

Telephone No. 519-836-6001 Fax No. 519-836-1362 E-mail pfrancis@narmco.com

B Street No. 400 Street Name / 911 Number / Address, if applicable Elmira Road North

Town / City or Township / County Guelph Province Ontario Postal Code N1K 1C3

Mailing address if different from above.

C Street No. N/A 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.

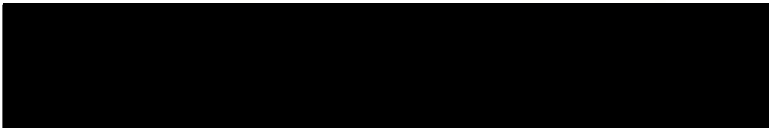
Street No. 400 Street Name / 911 Number / Address, if applicable Elmira Road North Nearest Major Intersection Elmira Road North & Independence Place

Town / City or Township / County Guelph Province Ontario Postal Code N1K 1C3

Name of Licence Holder Paul Dawe

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT) Paul Dawe ROT type PT1

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

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-mmm-yyyy)
Name of Licence Holder <u>Paul Dawe</u>		<u>01 /06 /2017</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Paul Dawe</u>		



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SECTION A: GENERAL INFORMATION (cont'd)

Indicate the year the facility was established. 2017 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. N/A

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

	PSIG	Serial Number
Tank1:	<u>250 psig</u>	<u>534-8</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: 2000 USWG Portable: 115 USWG Mobile: 0 USWG

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Name of person completing this form (please print) <u>Peter Francis</u>		Official Title <u>Plant Manager</u>
Signature 	Telephone No. <u>519.836.6001</u>	Date (dd-mmm-yyyy) <u>23-08-2017</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. 251	Street Name / 911 Number / Address, if applicable Woodlawn Road West		
Town / City or Township / Country Guelph		Province Ontario	Postal Code N1H 8J1
Telephone No. 1.877.873.7467	Fax No. N/A	Contact Name Tom Duncan	
E-mail Tom_Duncan@SuperiorPropane.com			

Name of Propane Transporter. If same as above, please check box. <input type="checkbox"/>		For Office Use - Party No.	
Trimac Transportation			
Street No. 1700-800	Street Name / 911 Number / Address, if applicable 5th 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		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 substances stored on site as facility is a manufacturing plant for automotive products. There maybe small quantities of oils & grease for maintenance purposes of the large industrial equipment but this is not considered hazardous and quantities are small.

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

There will be a fire extinguisher at the propane tank and there are fire extinguishers located inside the plant and office area. For Master Fire Plan the site has a Fire Plan registered with the City of Guelph Fire Department showing all the Fire Safety features. This plan is available from Nartech if required


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

The tank is equipped with a fusible link that will melt in case of a fire. This will close the internal valve and stop any flow of propane to the cylinder being filled. There will be a remote emergency shutdown button on the wall of the Shipping Bay that stops the pump and stops flow of propane
 There are no other special features at this site.

Maintenance and testing schedule for fire protection controls and devices.

The tank and equipment are checked annually by the propane supplier and the Technical Standards & Safety Authority inspector will inspect the tank and the emergency shut-down system 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 Chris Marciano	For Office Use - Party No.
Official Title Assistant Plant Manager	
Telephone No. 519.836.6001	Fax No. 519.836.1362
E-mail CMarciano@narmco.com	
Role and responsibilities in emergency To insure all employees are trained in the Emergency Plan annually and to make sure all equipment is maintained and operational. Calls 911	

5. Facility 24-Hour Contact Person

Name Peter Francis	For Office Use - Party No.
Official Title Plant Manager	
Cell No. 226.280.1939	Fax No. 519.836.1362
E-mail pfrancis@narmco.com	
Role and responsibilities in emergency Insures site Emergency Equipment is maintained and site is clear and individuals are trained under Code requirements	

2. Facility Contact Personnel - Alternate Contact

Name Dave Cunningham	For Office Use - Party No.
Official Title Maintenance Manager	
Telephone No. 519.836.6001	Fax No. 519.836.1362
E-mail DCunningham@narmco.com	
Role and responsibilities in emergency Assists with Emergency Procedures and makes sure staff have evacuated the buildings	

6. Name of Facility Manager

Name Peter Francis	For Office Use - Party No.
Official Title Plant Manager	
Telephone No. 519.836.6001	Fax No. 519.836.1362
E-mail pfrancis@narmco.com	
Role and responsibilities in emergency Same as Item 5	

3. Local Fire Services - Key Contact

Name John Osbourne	For Office Use - Party No.
Official Title Fire Chief	E-mail john.osbourne@guelph.ca
Telephone No. 1-519-824-6590 x 2140	Fax No. 1-519-824-2147
Role and responsibilities in emergency Coordinates Fire Prevention services for City of Guelph and reports to Fire Chief and coordinates Fire Prevention services resources.	
Fire Services Address Guelph Fire Services, 50 Wyndham Street S., Guelph, Ontario N1H 4E1	

7. Propane Supplier Key Contact Person

Name Tom Duncan	For Office Use - Party No.
Official Title Manager	E-mail Tom_Duncan@superiorpropane.com
Telephone No. 1-877.738.7033	Fax No. N/A
Role and responsibilities in emergency Knows the Emergency Response Group and can arrange for equipment to come to the site in case of emergencies and can coordinate industry response	
Propane Supplier Address Superior Propane, 251 Woodlawn Rd. W. Guelph, ON., N1H 8J1	


4. Local Fire Services - Alternate Contact

Name Dave Elloway	For Office Use - Party No.
Official Title Deputy Fire Chief	E-mail dave.elloway@guelph.ca
Telephone No. 1-519-824-6590 x 2127	Fax No. 1-519-824-2147
Role and responsibilities in emergency Assist chief with coordination of Fire Services resources and Fire Prevention within the City of Guelph.	
Fire Services Address Guelph Fire Services, 50 Wyndham Street S., Guelph, Ontario N1H 4E1	

8. Municipal Contact

Name Steven O'Brian	For Office Use - Party No.
Official Title City Clerk	
Telephone No. 1-519-822-1260 x 5644	Fax No. 1-519-822-4632
E-mail steven.obrian@guelph.ca	
Municipality Name and Address City of Guelph, 1 Carden Street, Guelph, Ontario N1H 3A1	

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

2. Additional Safety Measures

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

The facility is a simple tank installation used to refill cylinders while still positioned on the fork lifts.

There are no additional safety features or measures that exceed the Propane Code.

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

3. Record of Emergency Training Provided - For most recent 12-month period.

Training on Emergency Response Plan and Procedures provided to facility key contacts.

Training Date (dd-mmm-yyyy) 05-09-2017	Print Name of Training Provider: Superior Propane
	Print Name of Instructor: Tom Duncan
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Training Date (dd-mmm-yyyy) 05-09-2017	Print Name of Training Provider: Superior Propane
	Print Name of Instructor: Tom Duncan
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Training Date (dd-mmm-yyyy) 24-08-2017	Print Name of Training Provider: Nartech Metal Products Ltd.
	Print Name of Instructor: Paul Dawe
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

4. Emergency Training Plan for Coming Year

Training on Emergency Response Plan and Procedures provided to facility key contacts.

Target Date (dd-mmm-yyyy) 18-07-2018	Print Name of Training Provider: Nartech Metal Products Ltd.
	Print Name of Instructor: Peter Francis
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Target Date (dd-mmm-yyyy) 18-07-2017	Print Name of Training Provider: Nartech Metal Products Ltd.
	Print Name of Instructor: Peter Francis
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Target Date (dd-mmm-yyyy) 10-08-2020	Print Name of Training Provider: Nartech Metal Products Ltd.
	Print Name of Instructor: Paul Dawe
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

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

5. Emergency Response Communications Plan

Warnings and Actions

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate).

The operator will notice a leak or fire and proceed to the Emergency Shutdown position located on the Shipping building wall and depress the ESD.

They will then notify their manager or safety officer who will initiate Emergency procedures as outlined in the Narmco Fire Plan. A call to 9-1-1 will be made by the the appropriate safety officer and the staff will then be directed to one of the two "Muster Points" identified in the Main Fire 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).

After a warning is issued the Safety Officer will insure the log book is retrieved and all other Safety Wardens have followed the evacuation procedures and have gathered at the Muster Points. Head counts will then be taken to insure all employees and clients are accounted for. Main Fire Warden will wait for the Emergency Responders and identify the location and extent of the emergency. (See Drawing P-101for location of Muster Points)

Communication with Emergency Response Authorities

Describe when and how the licence holder will give early warning to emergency response authorities (including a process to ensure that a call is placed to 911).

Once an emergency situation is confirmed at the propane facility location and the call to 9-1-1- has been made the Fire Warden will inform the Emergency Responders of the situation. He always carries a cell phone and also has access to a phone inside the main plant building.

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

The area where the propane tank is located is behind the fence off of Independence Place. If for some reason there is a need to access the propane tank, Nartech can make arrangements for a lock box or other method to be implemented so the sliding gate can be opened in the event of an emergency.

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

The Plant Manager will be on site as the site during operating hours. When Emergency Responders come to the site the Plant Manager will meet with them and will identify himself/herself as the person who is responsible for the propane and will communicate directly with the Emergency Responders.

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

5 minutes

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

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

6. Building and Site Security and Procedures


	Yes	No
1. Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is there adequate night lighting at the site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Are procedures in place that ensure access routes, aisles, storage area, filling areas and the grounds are kept clear from unwanted materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are there procedures that capture and record the daily inspection of hoses and inspection requirements for filling systems and mechanical devices used in the transfer of propane?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Does the facility have procedures that include a process to isolate and purge any overfilled propane cylinders?	<input type="checkbox"/>	<input checked="" 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)	<u>44 m</u>	
4. What is the unobstructed distance to the closest approved water supply with year round access if there are no hydrants? (distance in metres only)	<u>N/A</u>	

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

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

8. Licence holder and local Fire Services Review

To be completed by the Local Fire Services	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:		
To be completed by the Licence Holder		
In response to the above comments, the following action(s) is required:		
The licence holder will respond to the Local Fire Services comments by: _____		
(dd-mmm-yyyy)		

LOCAL FIRE SERVICES

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

Print name	Signature	Date (dd-mmm-yyyy)
Local Fire Services Name Tony Sabatini, CFPO		12-09-2017

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

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

8. Licence holder and local Fire Services Review

To be completed by the Local Fire Services

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

Yes

No

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

Fire services comments, if any:

To be completed by the Licence Holder

In response to the above comments, the following action(s) is required:

The licence holder will respond to the Local Fire Services comments by: _____

(dd-mmm-yyyy)

LOCAL FIRE SERVICES

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

Print name	Signature	Date (dd-mmm-yyyy)
Local Fire Services Name Tony Sabatini, CFPO		12-09-2017

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SECTION C: SUBMISSIONS

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

Facility Site Plan.

The licence holder will submit a copy of the original facility site plan updated with the following information:

1. The storage location of fixed, portable, and mobile vessels.
2. The maximum volume, types and storage location of hazardous materials.
3. Location of permanent structures on site.
4. Access and egress points and location of barriers.
5. Location of fire and emergency equipment (e.g., sprinkler systems, extinguishers, suppression systems) on site and location of fire hydrant or water supply where available.
6. Location of emergency shut off/shut down switches/valves.

Map of Surrounding Area.


The licence holder will submit a scaled aerial map of the surrounding area showing the following information:

7. The capacity and placement of the single largest propane storage vessel, including its setback from the front, rear and side property lines.
8. GPS co-ordinates of the single largest vessel.
9. Visual indication of the single largest fixed vessel and a circle made using the distance in Table 1 as the radius from the single largest fixed vessel.
10. Clear indication of the municipality or municipalities present within the circle.
11. Visual indication of property line information.
12. The location and name of roads within or abutting the site.
13. Key note to the drawing indicating the facility's municipal address, municipal lot number(s) and concession lines as applicable, and the date the map was prepared.
14. Address and contact information for each municipality (municipal clerk or secretary-treasurers of planning board). (Refer to page 5.)
15. Complete "**Required Mapping Information from Updated Site Plan**" in table below.

Required Mapping Information from Updated Site Plan

Date map prepared (dd-mmm-yyyy) <u>04-09-2017</u>	Capacity of single largest propane storage vessel (USWG) <u>2000 USWG</u>
Tank setback coordinates. Indicate placement on the map.	
Front: <u>134.1 m</u>	Right side property line: <u>168.4 m</u>
Rear: <u>44.3 m</u>	Left side property line: <u>32.7 m</u>
GPS coordinates of single largest vessel: <u>Lat43°31'56.97"N Long80°18'31.55"W</u>	

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Name of person completing this form (please print) <u>Peter Francis</u>	Official Title <u>Plant Manager</u>
Signature 	Telephone No. <u>519.836.6001</u> Date (dd-mmm-yyyy) <u>23-08-2017</u>



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 Tel: 416.734.3300
 Fax: 416.231.4078
 Customer Service: 1.877.682.8772
 propane@tssa.org
 www.tssa.org

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

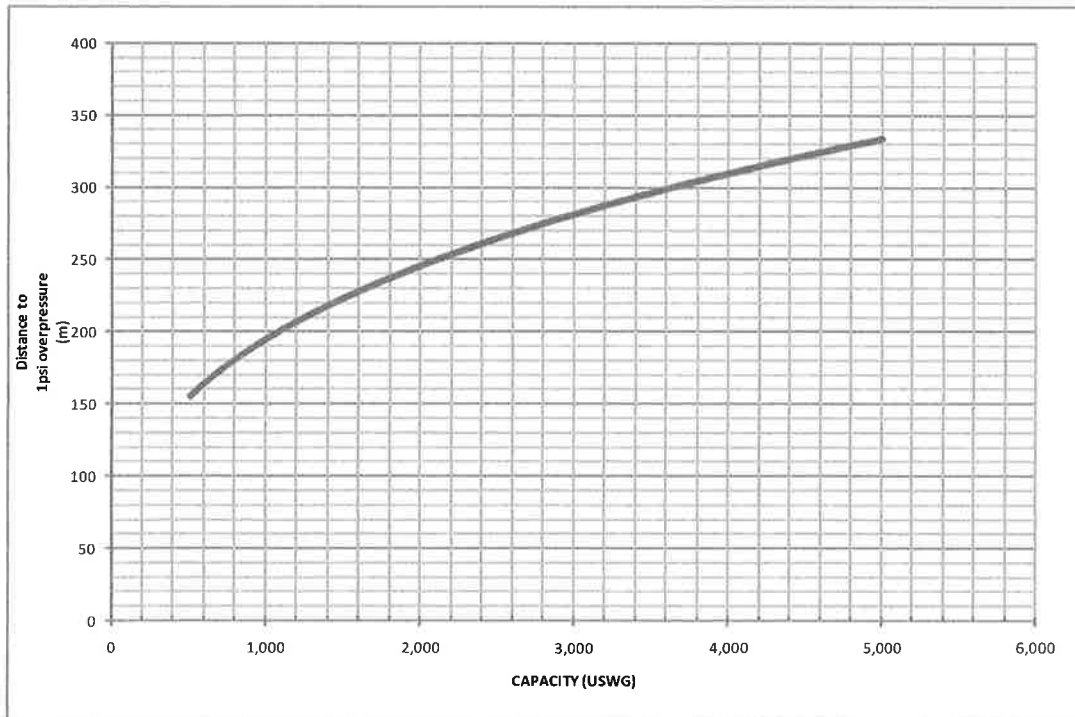
Table 1: Distance Table

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)





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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>Linamar Gear</u> Address: <u>32 Independence Place</u> City: <u>Guelph</u> Province <u>Ontario</u> Postal Code <u>N1K 1H8</u>			X		<u>95.5</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".

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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	12	115 USWG
# 30	8.8		
# 20	5.8		
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			115 USWG

Tanks Stored On-site Not Connected for Use

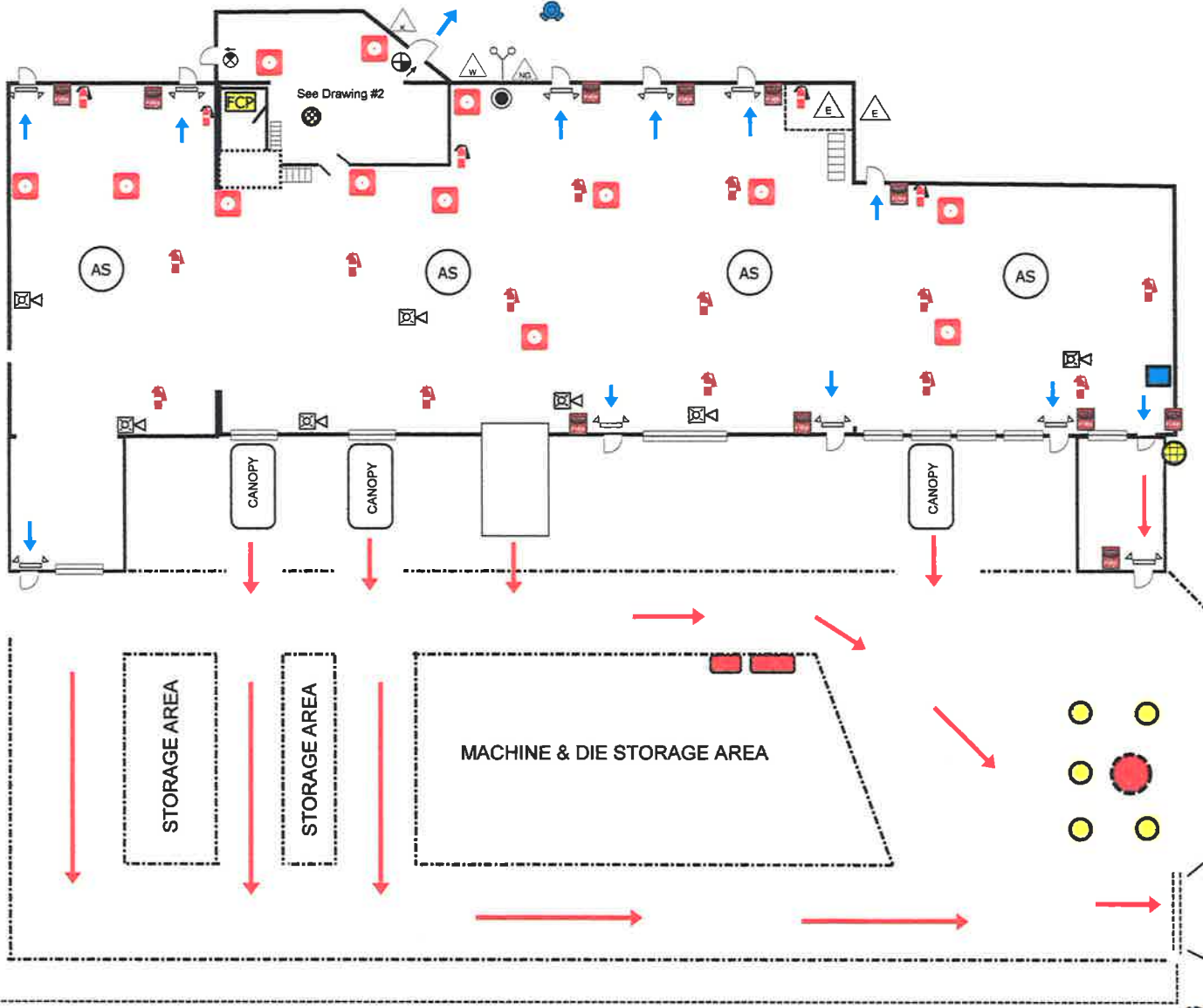
Tank Size In USWG	Quantity	Total Volume in USWG
Total Tank Capacity		115 USWG

Total Cylinder Capacity	115 USWG
Total Tank Capacity	0 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	115 USWG

400 ELMIRA ROAD NORTH

PARKING LOT

INDEPENDENCE ROAD



LEGEND

	Exits and entrances
	MSDS Manual
	Fire Safety Plan Location
	Sprinkler Systems
	Gas shut off
	Electric shut off
	Water shut off
	Fire Hydrant
	Propane Tank (2000 USWG)
	Fire Pull Stations
	Fire Alarm Control Panel
	Lift Truck Charge Station
	Fire extinguisher
	Fire Department Connections
	Emergency Lights
	Evacuation Collection Area
	Roof Access
	Key Box Location
	Strobe & Siren
	Fire Bell
	Exit Signs
	Emergency Stop - Propane

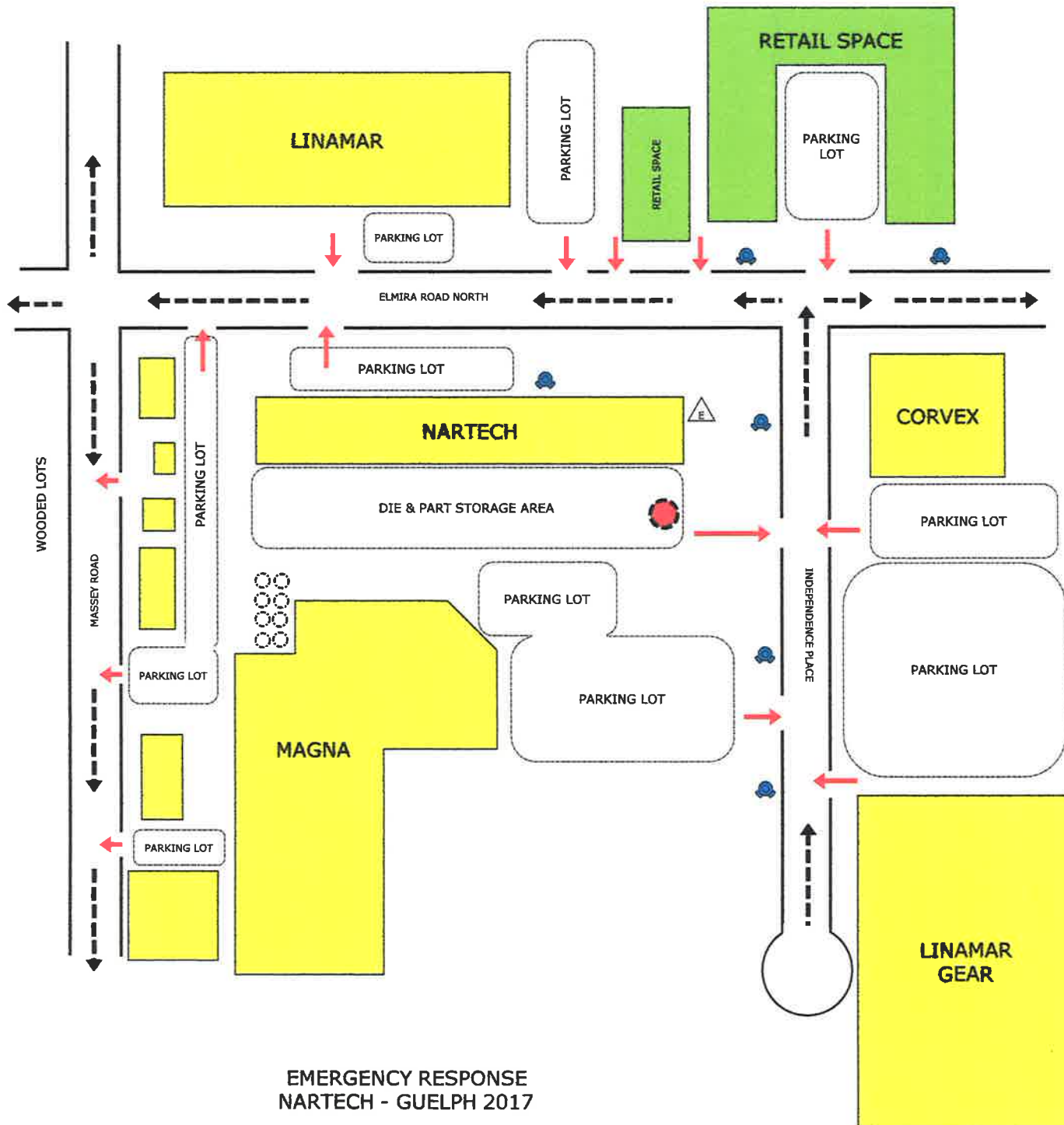








E.P.C. SERVICES

NARTECH - GUELPH ONTARIO -

DRAWING #1

DRAWINGS NOT TO SCALE



-  HYDRANT LOCATIONS
-  ELECTRICAL POWER STATION
-  PROPANE TANK (2000 USWG)
-  DIRECTION OF TRAVEL
-  INDUSTRIAL OCCUPANCY
-  RETAIL OCCUPANCY



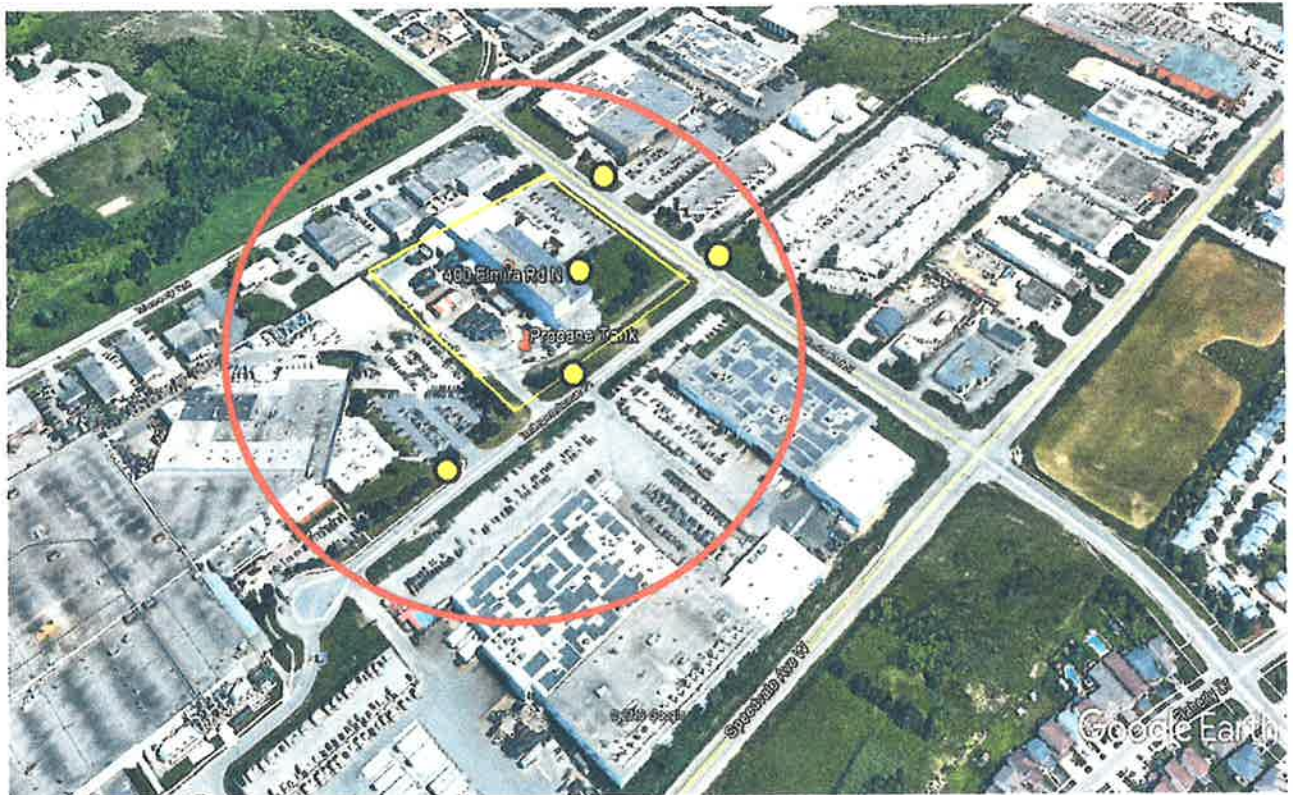
E.P.C. SERVICES
WINDSOR ONTARIO

NARTECH - GUELPH ONTARIO

DRAWING #3

DRAWINGS NOT TO SCALE

EMERGENCY RESPONSE
NARTECH - GUELPH 2017



NARTECH METAL PRODUCTS LTD.

Property Address: **400 Elmira Road North, Guelph Ontario N1K 1C3**

Bleve (Blast) Zone @ 246 meters 

Property Lines: 

Hydrants 

Set Backs:

Front: **146 meters**

Rear: **23 meters**

Right Side Property Line: **46 meters**

Left Side Property Line: **148 meters**

GPS COORDINATES of PROPANE TANK (2000 USWG)

43° 31'57"N 80° 18'32"W



Nartech Metal Products Ltd.

Property Address: 400 Elmira Road North, Guelph Ontario N1K 1C3

Storage / Hazardous Material 

Evacuation Plan - Direction of Travel 

Propane Tank (2000 USWG): 

Gas Shut Off 

Water Shut Off 

Hydro Shut Off 

Fire Department Connection 