

# Toxic Reduction Plan Summary for Toluene

## Basic Facility Information

<b>Name &amp; CAS of Substance</b>	Toluene	108-88-3
<b>Substances for which other plans have been prepared</b>	Methyl Ethyl Ketone N-Butyl Acetate	78-93-3 123-86-4
<b>Facility Identification and Site Address</b>		
<b>Company Name</b>	London Machinery Inc.	
<b>Facility Name</b>	London Machinery Inc.	
<b>Facility Address</b>	15790 Robin's Hill Road London Ontario. N5V 0A4	
<b>Spatial Coordinates of Facility</b>	Easting 486229.71 Northing 4763924.83	<i>Expressed in Universal Transverse Mercator (UTM) within a North American Datum 83 (NAD83) datum</i>
<b>Number of Employees</b>	100	
<b>NPRI ID Number</b>	11115	
<b>Ontario MOE ID Number</b>	n/a	
<b>Business Number</b>		
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
<b>2 Digit NAICS Code</b>	33	
<b>4 Digit NAICS Code</b>	3362	
<b>6 Digit NAICS Code</b>	336211	
<b>Company Contact Information</b>		
<b>Facility Public Contact</b>	Kathy DeJong	Purchasing Agent
	<a href="mailto:kdejong@lmi.ca">kdejong@lmi.ca</a>	
	Phone: 1-519-963-2514	Same address as facility

## Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for Toluene, prepared by London Machinery Inc. and dated December 15, 2013.

## Statement of Intent

Toluene is used in our process at London Machinery Inc. as an ingredient in product. Whenever feasible we plan to eliminate or reduce the creation and discharge of Toluene in full compliance with all Federal and Provincial Regulations.

### Reduction Objectives

Our goal is to reduce the use of Toluene at our facility by approximately 5% percent within five years of preparing this plan.

### Description of Substance

Toluene is used in process but is not created.

### Toxic Substance Reduction Options to be Implemented

The following options have been identified for implementation to reduce the use or releases of Toluene:

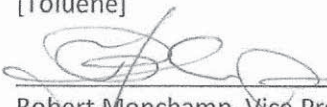
**Option 1** - Switching to a solvent/gunwash that contains a lower concentration of Toluene.

	Used (tonnes/ yr)	Created (tonnes/yr)	Contained in Product (tonnes/yr)	On-Site Releases (tonnes/yr)			Disposal (tonnes/yr)		Off-Site Recycling (tonnes/yr)
				Air	Water	Land	On-site	Off-site	
Baseline	5.025	0	0	2.535	0	0	0	2.490	0
Estimated Reduced Total	0	0	0	0	0	0	0	0	0
Reduction	0.25	0	0	0.13	0	0	0	0.12	0
% Reduction	5%	0%	0	5%	0	0	0	5%	0

## Plan Certification for Toluene

As of December 15, 2013, I, Robert Monchamp certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxic Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

[Toluene]

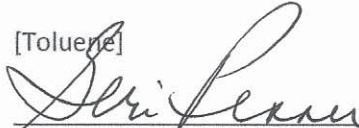
  
Robert Monchamp, Vice President  
and General Manager  
London Machinery  
(Highest Ranking Employee)

Date

12/20/13

As of December 15, 2013, I, Geri Penner certify that I am familiar with the process at the facility that uses or creates the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxic Reduction Act, 2009 that are set out in the plan dated December 15, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

[Toluene]

  
Geri Penner  
Toxic Substance Reduction Planner  
Licence # TSRP0240

Date

Dec 20/13



# Toxic Reduction Plan Summary for N-Butyl Acetate

## Basic Facility Information

<b>Name &amp; CAS of Substance</b>	N-Butyl Acetate	123-86-4
<b>Substances for which other plans have been prepared</b>	Methyl Ethyl Ketone Toluene	78-93-3 108-88-3
<b>Facility Identification and Site Address</b>		
<b>Company Name</b>	London Machinery Inc.	
<b>Facility Name</b>	London Machinery Inc.	
<b>Facility Address</b>	15790 Robin's Hill Road London Ontario. N5V 0A4	
<b>Spatial Coordinates of Facility</b>	Easting 486229.71 Northing 4763924.83	<i>Expressed in Universal Transverse Mercator (UTM) within a North American Datum 83 (NAD83) datum</i>
<b>Number of Employees</b>	100	
<b>NPRI ID Number</b>	11115	
<b>Ontario MOE ID Number</b>	n/a	
<b>Business Number</b>		
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
<b>2 Digit NAICS Code</b>	33	
<b>4 Digit NAICS Code</b>	3362	
<b>6 Digit NAICS Code</b>	336211	
<b>Company Contact Information</b>		
<b>Facility Public Contact</b>	Kathy DeJong	Purchasing Agent
	<a href="mailto:kdejong@lmi.ca">kdejong@lmi.ca</a>	
	Phone: 1-519-963-2514	Same address as facility

## Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for N-Butyl Acetate, prepared by London Machinery Inc. and dated December 15, 2013.

## Statement of Intent

N-Butyl Acetate is used in our process at London Machinery Inc. as an ingredient in product. Whenever feasible we plan to eliminate or reduce the creation and discharge of N-Butyl Acetate in full compliance with all Federal and Provincial Regulations.

### Reduction Objectives

Our goal is to reduce the use of N-Butyl Acetate at our facility by approximately 5% percent within five years of preparing this plan.

### Description of Substance

N-Butyl Acetate is used in process but is not created.

### Toxic Substance Reduction Options to be Implemented

The following options have been identified for implementation to reduce the use or releases of N-Butyl Acetate:

**Option 1** – Switch to a coating or reducer that contains a lower concentration of N-Butyl Acetate.

	Used (tonnes/ yr)	Created (tonnes/yr)	Contained in Product (tonnes/yr)	On-Site Releases (tonnes/yr)			Disposal (tonnes/yr)		Off-Site Recycling (tonnes/yr)
				Air	Water	Land	On-site	Off-site	
Baseline	2.050	0	0	2.050	0	0	0	0	0
Estimated Reduced Total	0	0	0	0	0	0	0	0	0
Reduction	0.0103	0	0	0.0103	0	0	0	0	0
% Reduction	5%	0%	0	5%	0	0	0	0	0

Plan Certification for N-Butyl Acetate

As of December 15, 2013, I, Robert Monchamp certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxic Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

[N-Butyl Acetate]

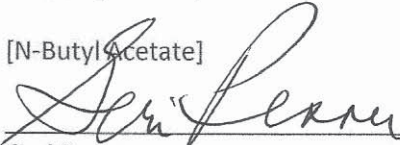


Robert Monchamp, Vice President  
and General Manager  
London Machinery  
(Highest Ranking Employee)

12/20/13  
Date

As of December 15, 2013, I, Geri Penner certify that I am familiar with the process at the facility that uses or creates the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxic Reduction Act, 2009 that are set out in the plan dated December 15, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

[N-Butyl Acetate]



Geri Penner  
Toxic Substance Reduction Planner  
Licence # TSRP0240

Dec 20/13  
Date



# Toxic Reduction Plan Summary for Methyl Ethyl Ketone

## Basic Facility Information

<b>Name &amp; CAS of Substance</b>	Methyl Ethyl Ketone	78-93-3
<b>Substances for which other plans have been prepared</b>	Toluene N-Butyl Acetate	108-88-3 123-86-4
<b>Facility Identification and Site Address</b>		
<b>Company Name</b>	London Machinery Inc.	
<b>Facility Name</b>	London Machinery Inc.	
<b>Facility Address</b>	15790 Robin's Hill Road London Ontario. N5V 0A4	
<b>Spatial Coordinates of Facility</b>	Easting 486229.71 Northing 4763924.83	<i>Expressed in Universal Transverse Mercator (UTM) within a North American Datum 83 (NAD83) datum</i>
<b>Number of Employees</b>	100	
<b>NPRI ID Number</b>	11115	
<b>Ontario MOE ID Number</b>	n/a	
<b>Business Number</b>		
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
<b>2 Digit NAICS Code</b>	33	
<b>4 Digit NAICS Code</b>	336	
<b>6 Digit NAICS Code</b>	336211	
<b>Company Contact Information</b>		
<b>Facility Public Contact</b>	Kathy DeJong	Purchasing Agent
	<a href="mailto:kdejong@lmi.ca">kdejong@lmi.ca</a>	
	Phone: 1-519-963-2514	Same address as facility

## Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for Methyl Ethyl Ketone, prepared by London Machinery Inc. and dated December 15, 2013.

## Statement of Intent

Methyl Ethyl Ketone is used in our process at London Machinery Inc. as an ingredient in product. Whenever feasible we plan to eliminate or reduce the creation and discharge of Methyl Ethyl Ketone in full compliance with all Federal and Provincial Regulations.

### Reduction Objectives

Our goal is to reduce the use of Methyl Ethyl Ketone at our facility by approximately 5% percent within five years of preparing this plan.

### Description of Substance

Methyl Ethyl Ketone is used in process but is not created.

### Toxic Substance Reduction Options to be Implemented

The following options have been identified for implementation to reduce the use or releases of Methyl Ethyl Ketone:

**Option 1** – Switch to a product that contains a lower concentration of Methyl Ethyl Ketone.

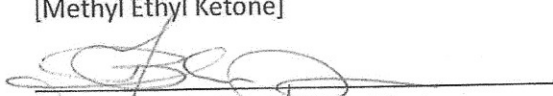
	Used (tonnes/ yr)	Created (tonnes/yr)	Contained in Product (tonnes/yr)	On-Site Releases (tonnes/yr)			Disposal (tonnes/yr)		Off-Site Recycling (tonnes/yr)
				Air	Water	Land	On-site	Off-site	
Baseline	1.107	0	0	1.105	0	0	0	0.0024	0
Estimated Reduced Total	0	0	0	0	0	0	0	0	0
Reduction	0.055	0	0	0.055	0	0	0	0.0012	0
% Reduction	5%	0%	0	5%	0	0	0	5%	0



### Plan Certification for N-Methyl Ethyl Ketone

As of December 15, 2013, I, Robert Monchamp certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxic Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

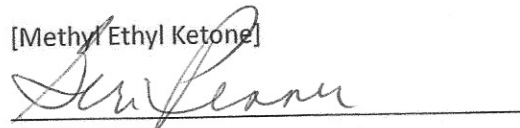
[Methyl Ethyl Ketone]

  
Robert Monchamp, Vice President  
and General Manager  
London Machinery  
(Highest Ranking Employee)

12/20/13  
Date

As of December 15, 2013, I, Geri Penner certify that I am familiar with the process at this facility that uses or creates the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxic Reduction Act, 2009 that are set out in the plan dated December 15, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

[Methyl Ethyl Ketone]

  
Geri Penner  
Toxic Substance Reduction Planner  
Licence # TSRP0240

12/20/13  
Date