

**TRA Plan Summary - 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	78-93-3
	10 µm Particulate Matter	NA-M09
	Isopropyl Alcohol	67-63-0
<b>Facility Identification and Site Address</b>		
<b>Company Name</b>	Skyjack Inc.	
<b>Facility Name</b>	Plant 2 Facility	
<b>Facility Address</b>	201 Woodlawn Road West Guelph, Ontario N1H 1B8	
<b>Spatial Coordination of Facility</b>	Easting: 557218.04 Northing: 4822765.46	
<b>Number of Employees</b>	275	
<b>NPRI ID</b>	Skyjack Inc.	
<b>Parent Company (PC) Information</b>		
<b>PC Name &amp; Address</b>	Linamar Corporation, 287 Speedvale Avenue West Guelph, Ontario N1H 1C5	
<b>Percent Ownership for each PC</b>	<b>100%</b>	
<b>Business Number for PC</b>	103333662	
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
<b>2 Digit NAICS Code</b>	33 Manufacturing	
<b>4 Digit NAICS Code</b>	3339 - Other general-purpose machinery manufacturing	
<b>6 Digit NAICS Code</b>	333920 - Material handling equipment manufacturing	
<b>Company Contact Information</b>		
<b>Facility Public Contact</b>	Mr. Joe Chaves	Same as Facility
	Vice-President of Operations - Canada	
	<a href="mailto:joe.chaves@skyjack.com">joe.chaves@skyjack.com</a>	
	Phone: (519) 837-0888	
	Fax: (519) 837-8890	

<b>Facility Technical Contact:</b>	Mr. Zachary Oliveira	Same as Facility
	Group Health & Safety Manager	
	<a href="mailto:zachary.oliveira@skyjack.com">zachary.oliveira@skyjack.com</a>	
	Phone: (519) 837-0888	
	Fax: (519) 837-8890	
<b>Company Coordinator Contact</b>	Mr. Zachary Oliveira	Same as Facility
	Group Health & Safety Manager	
	<a href="mailto:zachary.oliveira@skyjack.com">zachary.oliveira@skyjack.com</a>	
	Phone: (519) 837-0888	
	Fax: (519) 837-8890	
<b>Person who Prepared the Plan: (if different from the Coordinator)</b>	Ms. Dana Lauder, P.Eng.	Conestoga-Rovers & Associates 651 Colby Dr. Waterloo, ON N2V 1C2
	Consultant	
	<a href="mailto:dlauder@croworld.com">dlauder@croworld.com</a>	
	Phone: (519) 884-0510 ext. 2299	
	Fax: (519) 884-0525	
<b>Highest Ranking Employee</b>	Mr. Joe Chaves	Same as Facility
	Vice-President of Operations - Canada	
	<a href="mailto:joe.chaves@skyjack.com">joe.chaves@skyjack.com</a>	
	Phone: (519) 837-0888	
	Fax: (519) 837-8890	
<b>Planner Information:</b>		
<b>Planner Responsible for Making Recommendations</b>	Ms. Dana Lauder, P.Eng.	Conestoga-Rovers & Associates Ltd. 651 Colby Drive Waterloo, ON N2V 1C2
	Planner License No: TSRP0014	
	<a href="mailto:dlauder@croworld.com">dlauder@croworld.com</a>	
	Phone: (519) 884-0510	
<b>Planner Responsible for Certification</b>	Ms. Dana Lauder, P.Eng.	Conestoga-Rovers & Associates Ltd. 651 Colby Drive Waterloo, ON N2V 1C2
	Planner License No: TSRP0014	
	<a href="mailto:dlauder@croworld.com">dlauder@croworld.com</a>	
	Phone: (519) 884-0510	

**Toxic Reduction Policy Statement of Intent**

Skyjack Inc. (Skyjack) Plant 2 Facility (Plant 2) uses n-butyl acetate in two processes. The Facility intends to reduce the use and release to air of this toxic substance at the Facility. Skyjack does not create n-butyl acetate; therefore this plan will not address reducing its creation.

## Reduction Objectives

Skyjack prides itself on technological innovation in order to produce scissor lifts in an environmentally responsible manner. Skyjack will strive to reduce the use, disposal and release to air of n-butyl acetate at the Facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

## Description of Facility

Skyjack Inc. manufactures conventional and rough-terrain scissor lifts. The units undergo welding and pre-treatment in various production lines, and are then coated using various painting spray booths, then assembled, tested and stored. N-butyl acetate is used at the Facility as a constituent compound in various paint products.

The North American Industry Classification System (NAICS) Code that applies to this Facility is 333920 – Material Handling Equipment Manufacturing.

In 2012, the Facility operated 24 hours per day, 5 days per week.

## Toxic Substance Reduction Options to be Implemented

To reduce the use, releases and disposals of n-butyl acetate at the Facility, JBL intends to implement the following technically and economically feasible option.

- Expand the powder paint product line and increase the usage rate of powder paints at the facility for key paints colours

The schedule for implementation of this option and the estimated reductions are below

<i>Step</i>	<i>Description</i>	<i>Estimated Timelines</i>
1	Expansion of the existing powder paint line	January-June 2014
2	Commencement of powder painting activities	July 2014
3	Timeline for implementation of n-butyl acetate reductions	July 2014

<i>Type</i>	<i>Estimated Reductions</i>	<i>Anticipated Dates for Achieving Reductions</i>
Use	487.2 kg/year	December 2014
Disposal	481.4 kg/year	December 2014
Release to Air	5.83 kg/year	December 2014

**Plan Summary Statement**

This plan summary accurately reflects the content of the toxic substance reduction plan for Skyjack.

**Certification by Highest Ranking Employee**

Attached.

**Certification by Licensed Planner**

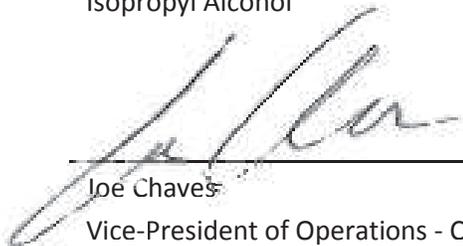
Attached.

**Section 2.0 Plan Certification**

**Certification by Highest Ranking Employee**

As of December 19, 2013, I, Joe Chaves, 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 *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

Methyl Ethyl Ketone  
10 µm Particulate Matter  
n-Butyl Acetate  
Isopropyl Alcohol

  
\_\_\_\_\_  
Joe Chaves  
Vice-President of Operations - Canada  
Skyjack Inc., Plant 2 Facility

  
\_\_\_\_\_  
Date

**Certification by Licensed Planner**

As of December 19, 2013 I, Dana Lauder, certify that I am familiar with the processes at Skyjack Inc. that use or create 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 *Toxics Reduction Act, 2009* that are set out in the plan dated December 19, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Methyl Ethyl Ketone  
10 µm Particulate Matter  
n-Butyl Acetate  
Isopropyl Alcohol

  
\_\_\_\_\_  
Dana Lauder  
Licensed Toxic Reduction Planner, License # TSRP0014  
Conestoga-Rovers & Associates Ltd.

  
\_\_\_\_\_  
Date