

TRA Plan Summary – Isopropyl Alcohol

Basic Facility Information

Name & CAS # of Substance	Isopropyl Alcohol	67-63-0
Substances for which other plans have been prepared	Methyl Ethyl Ketone	78-93-3
	10 µm Particulate Matter	NA-M09
	n-Butyl Acetate	123-86-4
Facility Identification and Site Address		
Company Name	Skyjack Inc.	
Facility Name	Plant 2 Facility	
Facility Address	201 Woodlawn Road West Guelph, Ontario N1H 1B8	
Spatial Coordination of Facility	Easting: 557218.04 Northing: 4822765.46	
Number of Employees	275	
NPRI ID	7049	
Parent Company (PC) Information		
PC Name & Address	Linamar Corporation, 287 Speedvale Avenue West Guelph, Ontario N1H 1C5	
Percent Ownership for each PC	100%	
Business Number for PC	103333662	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	33 Manufacturing	
4 Digit NAICS Code	3339 - Other general-purpose machinery manufacturing	
6 Digit NAICS Code	333920 - Material handling equipment manufacturing	
Company Contact Information		
Facility Public Contact	Mr. Joe Chaves	Same as Facility
	Vice-President of Operations - Canada	
	joe.chaves@skyjack.com	
	Phone: (519) 837-0888	
	Fax: (519) 837-8890	

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

Toxic Reduction Policy Statement of Intent

Skyjack Inc. (Skyjack) Plant 2 Facility (Plant 2) uses isopropyl alcohol 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 isopropyl alcohol; 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 isopropyl alcohol 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. Isopropyl alcohol 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 isopropyl alcohol 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 isopropyl alcohol reductions	July 2014

<i>Type</i>	<i>Estimated Reductions</i>	<i>Anticipated Dates for Achieving Reductions</i>
Use	430.1 kg/year	December 2014
Disposal	425.0 kg/year	December 2014
Release to Air	5.15 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

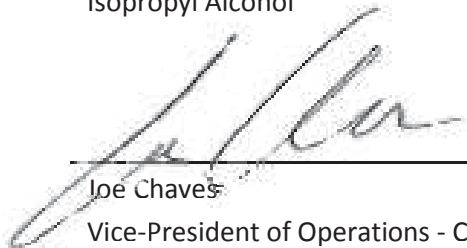
Attached.

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