ARNPRIOR AEROSPACE TOXICS REDUCTION PLAN 2012
(Summary)

Basic Facility Information

Regulated Toxic Substances		
Name & CAS# of the Toxic Substance	Hexavalent Chromium	CAS# NA–19
Facility Identification and Site Address		
Company Name	Arnprior Aerospace Inc.	
Facility Name	Same as above	
Facility Address	Physical Address	Mailling Address
	107 Baskin Drive East Arnprior ON, Canada, K7S 3M1	Same as Physical Address
Number of Employees	~ 400 (end of 2011)	
DUNS #	253662076	
Business #	832210678	
NPIR ID	10429	
Parent Company Information		
Name & Address	N/A	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	33 Manufacturing	
4 Digit NAICS Code	3364 – Aerospace product and parts manufacturing	
6 Digit NAICS Code	336410 – Aircraft assemblies, subassemblies and parts, manufacturing	
Facility Geographic Information		
Latitude	45.41770	
Longitude	-76.36270	
UTM Zone	18	
UTM Easting	393381.7	
UTM Northing	5030526.4	
Company Contact Information and Address		
Facility Public Contact	Mark Simmonds	Same address as Facility

Reason to Use the Subject Toxic Substance

Arnprior Aerospace (Company) is using hexavalent chromium (Cr VI) containing chemicals, primer paints and sealants on aircraft parts and sub-assemblies in accordance with its customers' specifications to meet high standard of corrosion proof for the products.

The Company does not create the subject toxic substance, Cr VI, during production.

The Subject Toxic Substance Accounting Information 2011

Total Amount Entered the Company	Contained in Products	Disposed of as Hazardous Wastes Off-site	Released to Air	Discharged to Sanitary Sewer
1414.8 kg	769.1 kg	620.4 kg	0.48 kg	24.8 kg

Statement of Company's Intent

The Company intends to fully comply with the Act/Regulation and do its best to reduce usage of all hazardous materials including the subject toxics when making high quality aircraft products according to customers' specifications. By doing this, the Company expects to satisfy both its customers and the Ontarians' well-being defined by the Act/Regulation.

Company's Objectives

- Maintain good corporate citizenship by continuously committing to pollution prevention,
- Establish a facility-wide team to work on reducing the use of toxic substances,
- Educate all employees who perform jobs directly or indirectly related to the subject toxics, about the importance and obligation of toxics reduction,
- Pro-actively identify options including potential opportunities that can reduce the usage of Cr VI containing chemicals in all applicable areas,
- Develop implementation plans for reduction opportunities that are both technically and economically feasible, and implement the reduction plans,
- Maintain the identified reduction potentials in record for future implementation when they become technically and economically feasible,

Company's Target

To reduce overall consumption of hexavalent chromium by at least 10% through 2013 to 2015 based on 2012 production rate*

* The annual 2012 production rate is predicted to be more than 30% higher than of 2011 and the hexavalent chromium consumption will be correspondingly higher.

Options Identified to Reduce the Toxic substance

In procuring of chemical products stage,

More frequent communication and finer adjustment of purchasing quantities of the subject chemical products with Axapta System based on both the shop-floor consumption rate changes and the shelf-lifes of the subject chemical products.

In spray painting stage,

Use more quarter-gallon cans of the primers instead of one-gallon cans for small jobs to avoid excessive amount of waste.

In sealant application stage,

Use 1-oz size premixed Pro-seal 870 tubes to replace 2-oz mix-onsite tubes to avoid unused portions being left in the tubes as hazardous waste.

Company has started a strategic transferring of some productions to its Mexico facility. This transferring helps meaningful reductions of hazardous chemical usages including Cr VI consumption at the Arnprior facility. It is anticipated that the major part of Cr VI reduction will be achieved through this work transferring in the next three years.

Company will investigate the recommendations made by the licensed Planner and make the decision if they would be implemented.

Anticipated Reduction and Timelines

The anticipated overall reduction of hexavalent chromium usage through 2013 to 2015 on the 2012 basis (130% of 2011) will be approximate 210 kg as Cr VI or 10% by the end of 2015.

Years	2013	2014	2015	2016
Anticipated Reduction (as Cr VI)	92 kg and 5%	55 kg and 3%	37 kg and 2%	0 kg and 0%

Statement that the summary accurately reflects the plan

All the contents in this Summary are accurately reflecting the corresponding parts of the reduction plan of the current version.

Copy of the certification statements by the highest ranking employee of the Company and the licensed planner

Certification Statements for the Toxics Substance Reduction Plan 2012

The certification by the highest ranking employee of Arnprior Aerospace Inc.:

As of [*December 21st, 2012*], I, [*Tom Melvin*], 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.

[*Hexavalent Chromium*]

[*Signature:* ]

The certification by a licensed Toxics Reduction Planner:

As of [*December 21st, 2012*], I, [*Tianhua (Tim) Sun*], certify that I am familiar with the processes at [*Arnprior Aerospace, 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 [*insert version date*] and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

[*Hexavalent Chromium*]

[*Signature:* ]

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