

TOXIC REDUCTION PLAN SUMMARY

Toxic Substance Information		
Name of Substance	Lead (and its compounds) except tetraethyl lead	
CAS # of Substance	N/A - 08	
Facility Information		
NPRI Identification Number	0000001169	
Company Name	Celestica International Inc.	
Facility Name	Celestica	
Facility Address	844 Don Mills Road Toronto, On M3C 1V7	
Number of Full-time Employees	1143	
Two Digit NAICS Code	33	
Four Digit NAICS Code	3341, 3342, 3359	
Six Digit NAICS Canada Code	334110, 334290, 335990	
UTM Spatial Coordinates (NAD83) for the facility	Latitude: 43.7219 Longitude: -79.3425 Datum: 1983	
Parent Company (PC) Information		
PC Legal Name	Celestica International Inc.	
PC Address, if different from the Company	Same address as facility	
Percentage Ownership for each PC	100%	
Company Contact Information		
Facility Public Contact	Andrew Preston EH&S Manager apreston@celestica.com Phone: (416) 448-5074 Fax: (416) 448-	Same address as facility

Name of Toxic Substance for which plan have been prepared

The Toxic Substance Reduction Plan has been prepared for one substance, Lead (Pb), which is contained in solder alloys used to manufacture Printed Circuit Board Assemblies and Solar Panels.

Statement of Intent

Celestica, a contract manufacturer, is committed to being a responsible neighbor in the communities in which we do business. The Toronto site is registered to ISO 14001 and a signed member of the Electronics Industry Citizenship Coalition (EICC) Code of Conduct. Wherever possible, and where practicable, we will eliminate or reduce the use and discharge of Lead. We conduct our operations in compliance with applicable federal, provincial and municipal regulatory requirements. Celestica will continue to actively monitor technological developments that could assist in reduction of toxic substance usage. Where we determine that the developments are technologically and financially viable they will be considered for implementation.

Lead as a constituent of solder is currently widely used by all electronics manufacturing companies. At Celestica it is used during manufacturing of Printed Circuit Board Assemblies (PCBAs) and Solar Panels to create electro-mechanical connections. Since this facility does not create Lead compounds, this plan will not address reducing their creation.

Reduction Plan Objectives

Although Celestica’s use of leaded solder products for the manufacture of electronic devices and solar panels is determined by the Customer and their product set, we will strive to reduce the use of Lead by 1.3% and off-site recycling by 1.4% within 1 year of preparing this plan.

Description of Substance

In the production of select PCBAs, Lead contained in leaded solder is used to connect the leads of surface mount devices and pin-through-hole components to attachment points (lands) and holes on a circuit board.

In the production of Solar Panels, Lead contained in leaded solder is used to connect individual solar cells into cell strips and then to connect the strips to the solar panels.

Toxic Substance Reduction Option to be Implemented

The following option has been identified for implementation to reduce the use of lead:

- implementation of smaller size of solder paste jars to reduce the waste associated with the shelf or floor life expiry of the paste

Estimated Reductions for each Option

	Used (kg/year)	Contained in Product (kg/year)	On-site Release (kg/year)			Disposal (kg/year)		Off-site Recycling (kg/year)
			Air	Water	Land	On-site	Off-site	
Baseline (for PCBA and Solar)	5853.244	1399.454	9.518	0.501	0.00	0.00	0.00	4443.771
Reduced Total	5778.097	0.00	0.00	0.00	0.00	0.00	0.00	4383.654
Reduction	75.147	0.00	0.00	0.00	0.00	0.00	0.00	60.117
% Reduction	1.3%	0%	0%	0%	NA	NA	NA	1.4%

Timelines for Achieving Reductions

The reductions will begin to be realized in 2013.

PLAN SUMMARY STATEMENT

This plan summary accurately reflects the content of the toxic substance reduction plan for **Lead**, prepared on behalf of Celestica International Inc., dated December 20, 2012.

CERTIFICATION BY HIGHEST RANKING EMPLOYEE

As of December 20, 2012, I, John Cundari, 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.

Toxic Substance: Lead



John Cundari
VP Operations and General Manager
Celestica International Inc.

CERTIFICATION BY LICENSED PLANNER

As of December 20, 2012, I, Ailee Ho certify that I am familiar with the processes at COMPANY that use or create the toxic substance referred to below, that I agree with the estimates that are set out in the plan dated DATE and that the plan complies with the Act and Ontario Regulation 455/09 (General) made under that Act.

Toxic Substance: Lead



Ailee Ho
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