

Orlick Industries Ltd. – Toxics Reduction Accounting Report for 2014

Basic Facility Information

Name & CAS # of Substance for this Report	Copper – (N/A-06) Zinc – (N/A-14) Particulate Matter (PM10) – N/A-M09 Particulate Matter (PM2.5) – N/A-M10
NPRI ID Number	5906
O.Reg 127/01 ID Number	5654
Legal name of Facility	Orlick Industries Limited
Address of Facility	20 Teal Avenue, Stoney Creek, Ontario L8E 3Y5
Mailing address of Facility	P.O. Box 5190, Hamilton, Ontario L8L 8G1
Number of Full-time Employees	150
NAICS code for Facility (2, 4 and 6 digit)	33, 3363, 336390
Facility Public Contact	Soparth Pho, Environmental Services, 905-544-1997
Facility UTM Coordinates	17 (zone), 602983.06 m (east), 4788004.60 m (north)
Reporting Date	May 29, 2015

Summary of Toxic Substance Reduction Activities for 2014 reporting year:

As per the Toxic Substance Reduction Plan for Copper, Zinc, Particulate Matter 10 and Particulate Matter 2.5, no options were identified for implementation of a reduction plan. The method of tracking and quantification of these substances have not changed between reporting years. There were no additional activities outside the scope of the plan.

Orlick Industries Ltd. – Toxics Reduction Accounting Report for 2014

The name of the substance and the Chemical Abstracts Service (CAS) Registry number for the facility:

Name: Copper

CAS Number: N/A-06

TRA and NPRI quantifications for comparison of 2013 to 2014 for Copper:

Categories	Change in Tracking/Quantification	2013 Reporting Year (metric tonnes)	2014 Reporting Year (metric tonnes)	Percent change
Used	No	>100 to 1,000	>100 to 1,000	-19.4%
Created	No	0	0	N/A
Released (air)	No	>0 to 1	>0 to 1	-1.9%
Released (land)	No	0	0	N/A
Released (water)	No	0	0	N/A
Disposed of (on-site)	No	0	0	N/A
Disposed of (off-site)	No	>0 to 1	>0 to 1	+33.3%
Transferred (for recycling)	No	>1 to 10	>10 to 100	-64.8%
Contained in Product	No	>100 to 1,000	>100 to 1,000	-9.0%

If the comparison indicates changes in the quantification of the substance between calendar years, an explanation of the reasons for the change: This change shows an overall decrease in production compared to previous reporting year.

Orlick Industries Ltd. – Toxics Reduction Accounting Report for 2014

Name: Zinc

CAS Number: N/A-14

TRA and NPRI quantifications for comparison of 2013 to 2014 for Zinc:

Categories	Change in Tracking/Quantification	2013 Reporting Year (metric tonnes)	2014 Reporting Year (metric tonnes)	Percent change
Used	No	>100 to 1,000	>100 to 1,000	-19.8%
Created	No	0	0	NA
Released (air)	No	>0 to 1	>0 to 1	-2.2%
Released (land)	No	0	0	NA
Released (water)	No	0	0	NA
Disposed of (on-site)	No	0	0	NA
Disposed of (off-site)	No	>0 to 1	>0 to 1	+45.5%
Transferred (for recycling)	No	>1 to 10	>10 to 100	-66.2%
Contained in Product	No	>100 to 1,000	>100 to 1,000	-9.0%

If the comparison indicates changes in the quantification of the substance between calendar years, an explanation of the reasons for the change: This change shows an overall decrease in production compared to previous reporting year.

Orlick Industries Ltd. – Toxics Reduction Accounting Report for 2014

Name: Particulate Matter 10

CAS Number: N/A-M09

TRA and NPRI quantifications for comparison of 2013 to 2014 for PM10:

Categories	Change in Tracking/Quantification	2013 Reporting Year (kilograms)	2014 Reporting Year (kilograms)	Percent change
Used	No	0	0	NA
Created	No	>1 to 10	>1 to 10	-46.4%
Released (air)	No	>0 to 1	>0 to 1	+4.3%
Released (land)	No	0	0	NA
Released (water)	No	0	0	NA
Disposed of (on-site)	No	0	0	NA
Disposed of (off-site)	No	0	0	NA
Transferred (for recycling)	No	0	0	NA
Contained in Product	No	0	0	NA

If the comparison indicates changes in the quantification of the substance between calendar years, an explanation of the reasons for the change: This change shows an overall decrease in production, mainly from die casting. There was a slight increase in PM₁₀ released to air due to increased production of on-site reverbatory furnace.

Orlick Industries Ltd. – Toxics Reduction Accounting Report for 2014

Name: Particulate Matter 2.5

CAS Number: N/A-M10

TRA and NPRI quantifications for comparison of 2013 to 2014 for PM2.5:

Categories	Change in Tracking/Quantification	2012 Reporting Year (kilograms)	2013 Reporting Year (kilograms)	Percent change
Used	No	0	0	NA
Created	No	>1 to 10	>1 to 10	-46.3%
Released (air)	No	>0 to 1	>0 to 1	+4.4%
Released (land)	No	0	0	NA
Released (water)	No	0	0	NA
Disposed of (on-site)	No	0	0	NA
Disposed of (off-site)	No	0	0	NA
Transferred (for recycling)	No	0	0	NA
Contained in Product	No	0	0	NA

If the comparison indicates changes in the quantification of the substance between calendar years, an explanation of the reasons for the change: This change shows an overall decrease in production, mainly from die casting. There was a slight increase in PM_{2.5} released to air due to increased production of on-site reverbatory furnace.

Certification Statement:

Highest Ranking Employee

I, Grant Panchyson, 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.

Copper (and its component), N/A-06

Zinc (and its component), N/A-14

Particulate Matter 10, N/A-M09

Particulate Matter 2.5, N/A-M10

Grant Panchyson (original signature on file at facility)

Assistant General Manager
Orlick Industries Limited