

Ontario Toxics Reduction Act- Annual Public Report

Reporting Year 2012

Parker Hannifin Canada Inc.

BASIC COMPANY INFORMATION

National Pollutant Release Inventory (NPRI) ID: 10102

NAICS ID:

2 digit: 33- Manufacturing

4 digit: 3329 – Other Fabricated Metal Product Manufacturing

6 digit: 332910 - Metal Valve Manufacturing

Legal and Trade Name of the Owner and Operator, street (and mailing) address:

Parker Hannifin Canada Inc., 4635 Durham Road South, Grimsby, Ontario L3M 4G4

Public contact:

Rick Norris, Maintenance, Environmental, Energy Manager Phone: 905-309-8384

Email: rnorris@parker.com

Number of full-time employee equivalents at the facility: 165

Spatial Coordinates of the facility:

Latitude: 43.1817N, Longitude: -79.5067E

UTM Zone: 17N

List of Toxic Substances created at the facility:

Nickel - CAS Number: No single CAS number applies

Lead – CAS Number: No single CAS number applies

Manganese – CAS Number: No single CAS number applies

Copper – CAS Number: No single CAS number applies

Chromium – CAS Number: No single CAS number applies

Facility's approach to toxic substance accounting:

Mass balance for 'contained in product' based on incoming inventory records (materials entering facility), formula composition for waste characterization data and waste manifests for off-site disposal.

No inventory due to order on demand system.

Facility's Objectives and Targets:

The facility's goal is to continue to investigate ways to reduce the use of Nickel, Lead, Manganese, Copper and Chromium. Due to the fact that their customer mandates specific material compositions be used to meet customer performance specifications, the company is unable to commit to a specific option for reduction.

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

Name: Chromium

CAS Number: No single CAS number applies

TRA and NPRI quantifications for comparison of 2011 to 2012 for Chromium:

Categories	Change in Tracking / Quantification	2011 Reporting Year (tonnes)	2012 Reporting Year (tonnes)	Percent Change *
Used	No	23.487	16.8395	28.3
Created	No	0	0	N/A
Transformed	No	0	0	N/A
Destroyed	No	0	0	N/A
On-site Release	No	0.0023	0.0022	4.35
Off-site Disposal	No	0	0	N/A
Off-site Recycling	No	15.7577	14.474	8.15
Contained in Product	No	4.2009	6.904	64.35

**based on detailed accounting*

NOTE: Accounting information is also located on the Environment Canada NPRI website and the Ontario Ministry of the Environment Toxic Reduction website.

If the comparison indicates a change in the quantification of the substance between calendar years and explanation of the reasons for the change:

This is the first year reporting this substance under the TRA.

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

Name: Nickel

CAS Number: No single CAS number applies

TRA and NPRI quantifications for comparison of 2011 to 2012 for Nickel:

Categories	Change in Tracking / Quantification	2011 Reporting Year (tonnes)	2012 Reporting Year (tonnes)	Percent Change *
Used	No	28.77	28.7718	0.01
Created	No	0	0	N/A
Transformed	No	0	0	N/A
Destroyed	No	0	0	N/A
On-site Release	No	0.0029	0.0028	3.45
Off-site Disposal	No	0	0	N/A
Off-site Recycling	No	23.9587	24.7275	3.21
Contained in Product	No	4.8102	11.484	138.74

**based on detailed accounting*

NOTE: Accounting information is also located on the Environment Canada NPRI website and the Ontario Ministry of the Environment Toxic Reduction website.

If the comparison indicates a change in the quantification of the substance between calendar years and explanation of the reasons for the change:

This is the first year reporting this substance under the TRA.

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

Name: Lead

CAS Number: No single CAS number applies

TRA and NPRI quantifications for comparison of 2011 to 2012 for Lead:

Categories	Change in Tracking / Quantification	2011 Reporting Year (kg)	2012 Reporting Year (kg)	Percent Change *
Used	No	4912.30	4785.05	2.59
Created	No	0	0	N/A
Transformed	No	0	0	N/A
Destroyed	No	0	0	N/A
On-site Release	No	0.5	0.51	0.5
Off-site Disposal	No	0	0	N/A
Off-site Recycling	No	4199.3	4363.54	3.91
Contained in Product	No	713.0	1722.62	141.60

**based on detailed accounting*

NOTE: Accounting information is also located on the Environment Canada NPRI website and the Ontario Ministry of the Environment Toxic Reduction website.

If the comparison indicates a change in the quantification of the substance between calendar years and explanation of the reasons for the change:

This is the first year reporting this substance under the TRA.

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

Name: Manganese

CAS Number: No single CAS number applies

TRA and NPRI quantifications for comparison of 2011 to 2012 for Manganese:

Categories	Change in Tracking / Quantification	2011 Reporting Year (tonnes)	2012 Reporting Year (tonnes)	Percent Change *
Used	No	30.877	34.1790	10.69
Created	No	0	0	N/A
Transformed	No	0	0	N/A
Destroyed	No	0	0	N/A
On-site Release	No	0.0031	0.0029	6.45
Off-site Disposal	No	0	0	N/A
Off-site Recycling	No	25.7118	26.5369	3.21
Contained in Product	No	5.1628	12.304	138.32

**based on detailed accounting*

NOTE: Accounting information is also located on the Environment Canada NPRI website and the Ontario Ministry of the Environment Toxic Reduction website.

If the comparison indicates a change in the quantification of the substance between calendar years and explanation of the reasons for the change:

This is the first year reporting this substance under the TRA.

Statement of Certification

As the Highest Ranking Employee at the Facility (or authorized delegate), I certify that I have read the toxic substance report and am familiar with with the content. To the best of my knowledge the report is factually accurate, and the report complies with the Toxic Reduction Act, 2009, and Ontario Regulations 455/09 and 125/10.


Parker Hannifin Canada Inc.

May 31, 2013

Date