



U. S. Steel Canada
A Subsidiary of United States Steel

Lake Erie Works
Toxic Substance Reduction Summary Plans - Arsenic
(O. Reg. 455/09)

Issued December 16, 2012

BASIC FACILITY INFORMATION

Name & CAS # of Substance	Arsenic	N/A
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Facility Identification and Site Address		
Company Name	U. S. Steel Canada Inc.	
Facility Name	Lake Erie Works	
Facility Address	Physical Address: 2330 RR#3, Nanticoke, Ontario N0A 1L0	Mailing Address: Same as physical address
Facility Latitude	42° 48' 00"	
Facility Longitude	80° 06' 00"	
Number of Employees	1721	
NPRI ID	3855	
Ontario MOE ID Number	5110	

Parent Company (PC) Information	
PC Name & Address	United States Steel Corporation
Percent Ownership for each PC	100 per cent
Business Number for PC	171240948

Primary North American Industrial Classification System Code (NAICS)	
2 Digit NAICS Code	31-33 - Manufacturing
4 Digit NAICS Code	3311 - Iron & Steel Mills & Ferro-Alloy Manufacturing
6 Digit NAICS Code	331110 - Iron & Steel Mills & Ferro-Alloy Manufacturing

Company Contact Information	
Facility Public Contact	Trevor D Harris
	tdharris@uss.com
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	Fax: (905) 308-7002

PLAN SUMMARY STATEMENT

The plan summary accurately reflects the content of the toxic substance reduction plan for arsenic, prepared by U. S. Steel Canada - Lake Erie Works, dated November 8, 2012.

STATEMENT OF INTENT

U. S. Steel Canada – Lake Erie Works is committed to reducing or, where possible, eliminating the usage of arsenic providing that circumstances permit it, while complying with all Federal and Provincial Regulations.

REDUCTION OBJECTIVES

Our objective is to reduce the usage of arsenic to the extent that circumstances permit.

DESCRIPTION OF SUBSTANCE

Arsenic is introduced into the plant's processes incidentally, as an impurity, primarily through the utilization of iron ore pellets.

TOXIC SUBSTANCE REDUCTION OPTION TO BE IMPLEMENTED

No such options exist because arsenic is a trace component of iron ore pellets and since the noted raw material is crucial to our operations and cannot be replaced by other materials free of impurities, it is virtually impossible to eliminate such "usage" of arsenic.



Lake Erie Works
Toxic Substance Reduction Summary Plans -
Cadmium
(O. Reg. 455/09)

Issued December 16, 2012

BASIC FACILITY INFORMATION

Name & CAS # of Substance	Cadmium	N/A
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Facility Identification and Site Address		
Company Name	U. S. Steel Canada Inc.	
Facility Name	Lake Erie Works	
Facility Address	Physical Address: 2330 RR#3, Nanticoke, Ontario N0A 1L0	Mailing Address: Same as physical address
Facility Latitude	42° 48' 00"	
Facility Longitude	80° 06' 00"	
Number of Employees	1721	
NPRI ID	3855	
Ontario MOE ID Number	5110	

Parent Company (PC) Information	
PC Name & Address	United States Steel Corporation
Percent Ownership for each PC	100 per cent
Business Number for PC	171240948

Primary North American Industrial Classification System Code (NAICS)	
2 Digit NAICS Code	31-33 - Manufacturing
4 Digit NAICS Code	3311 - Iron & Steel Mills & Ferro-Alloy Manufacturing
6 Digit NAICS Code	331110 - Iron & Steel Mills & Ferro-Alloy Manufacturing

Company Contact Information	
Facility Public Contact	Trevor D Harris
	tdharris@uss.com
	Phone: (905) 577-4447
	Fax: (905) 308-7002

PLAN SUMMARY STATEMENT

The plan summary accurately reflects the content of the toxic substance reduction plan for cadmium, prepared by U. S. Steel Canada - Lake Erie Works, dated November 8, 2012.

STATEMENT OF INTENT

U. S. Steel Canada – Lake Erie Works is committed to reducing or, where possible, eliminating the usage of cadmium providing that circumstances permit it, while complying with all Federal and Provincial Regulations.

REDUCTION OBJECTIVES

Our objective is to reduce the usage of cadmium to the extent that circumstances permit.

DESCRIPTION OF SUBSTANCE

Cadmium is introduced into the plant's processes incidentally, as an impurity, primarily through the utilization of alloys and fluxes however minor quantities are also contributed by coal and iron ore pellets.

TOXIC SUBSTANCE REDUCTION OPTION TO BE IMPLEMENTED

No such options exist because cadmium is a trace component of various raw materials and since they are crucial to our operations and cannot be replaced by other materials free of impurities, it is virtually impossible to eliminate the "usage" of cadmium.



Lake Erie Works

Toxic Substance Reduction Summary Plans – Benzene, Toluene and Xylene (O. Reg. 455/09)

Issued December 16, 2012

BASIC FACILITY INFORMATION

Name & CAS # of Substance	Benzene	71-43-2
	Toluene	108-88-3
	Xylene	1330-20-7

Facility Identification and Site Address		
Company Name	U. S. Steel Canada Inc.	
Facility Name	Lake Erie Works	
Facility Address	Physical Address: 2330 RR#3, Nanticoke, Ontario N0A 1L0	Mailing Address: Same as physical address
Facility Latitude	42° 48' 00"	
Facility Longitude	80° 06' 00"	
Number of Employees	1721	
NPRI ID	3855	
Ontario MOE ID Number	5110	

Parent Company (PC) Information	
PC Name & Address	United States Steel Corporation
Percent Ownership for each PC	100 per cent
Business Number for PC	171240948

Primary North American Industrial Classification System Code (NAICS)	
2 Digit NAICS Code	31-33 - Manufacturing
4 Digit NAICS Code	3311 - Iron & Steel Mills & Ferro-Alloy Manufacturing
6 Digit NAICS Code	331110 - Iron & Steel Mills & Ferro-Alloy Manufacturing

Company Contact Information	
Facility Public Contact	Trevor D Harris
	tdharris@uss.com
	Phone: (905) 577-4447
	Fax: (905) 308-7002

PLAN SUMMARY STATEMENT

The plan summary accurately reflects the content of the toxic substance reduction plan for benzene, toluene and xylene, prepared by U. S. Steel Canada - Lake Erie Works, dated November 8, 2012.

STATEMENT OF INTENT

U. S. Steel Canada – Lake Erie Works is committed to reducing or, where possible, eliminating the creation of benzene, toluene and xylene providing that circumstances permit it, while complying with all Federal and Provincial Regulations.

REDUCTION OBJECTIVES

Our objective is to reduce the usage and creation of benzene, toluene and xylene to the extent that circumstances permit.

DESCRIPTION OF SUBSTANCE

Benzene, toluene and xylene (BTX) are created incidentally during the destructive thermal distillation process required for the conversion of coal into coke.

TOXIC SUBSTANCE REDUCTION OPTION TO BE IMPLEMENTED

No such options exist because BTX are created incidentally in the production of coke from coal as a result of the chemical structure of coal. Since the production of coke is crucial to our cokemaking operations and since coke cannot be replaced by other materials, it is not possible to eliminate the creation of the aforementioned compounds.



U. S. Steel Canada
A Subsidiary of United States Steel

Lake Erie Works
Toxic Substance Reduction Summary Plans - Chlorine
(O. Reg. 455/09)

Issued December 16, 2012

BASIC FACILITY INFORMATION

Name & CAS # of Substance	Chlorine	7782-50-5
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Facility Identification and Site Address		
Company Name	U. S. Steel Canada Inc.	
Facility Name	Lake Erie Works	
Facility Address	Physical Address: 2330 RR#3, Nanticoke, Ontario N0A 1L0	Mailing Address: Same as physical address
Facility Latitude	42° 48' 00"	
Facility Longitude	80° 06' 00"	
Number of Employees	1721	
NPRI ID	3855	
Ontario MOE ID Number	5110	

Parent Company (PC) Information	
PC Name & Address	United States Steel Corporation
Percent Ownership for each PC	100 per cent
Business Number for PC	171240948

Primary North American Industrial Classification System Code (NAICS)	
2 Digit NAICS Code	31-33 - Manufacturing
4 Digit NAICS Code	3311 - Iron & Steel Mills & Ferro-Alloy Manufacturing
6 Digit NAICS Code	331110 - Iron & Steel Mills & Ferro-Alloy Manufacturing

Company Contact Information	
Facility Public Contact	Trevor D Harris
	tdharris@uss.com
	Phone: (905) 577-4447
	Fax: (905) 308-7002

PLAN SUMMARY STATEMENT

The plan summary accurately reflects the content of the toxic substance reduction plan for chlorine, prepared by U. S. Steel Canada - Lake Erie Works, dated November 8, 2012.

STATEMENT OF INTENT

U. S. Steel Canada – Lake Erie Works is committed to reducing or, where possible, eliminating the usage of chlorine providing that circumstances permit it, while complying with all Federal and Provincial Regulations.

REDUCTION OBJECTIVES

Our objective is to reduce the usage of chlorine to the extent that circumstances permit.

DESCRIPTION OF SUBSTANCE

Chlorine is required for the oxidation of organic and inorganic compounds at the wastewater treatment process.

TOXIC SUBSTANCE REDUCTION OPTION TO BE IMPLEMENTED

No such options exist because no other non-toxic substance is capable of performing the same task.



U. S. Steel Canada
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Lake Erie Works
Toxic Substance Reduction Summary Plans -
Chromium
(O. Reg. 455/09)

Issued December 16, 2012

BASIC FACILITY INFORMATION

Name & CAS # of Substance	Chromium	N/A
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Facility Identification and Site Address		
Company Name	U. S. Steel Canada Inc.	
Facility Name	Lake Erie Works	
Facility Address	Physical Address: 2330 RR#3, Nanticoke, Ontario N0A 1L0	Mailing Address: Same as physical address
Facility Latitude	42° 48' 00"	
Facility Longitude	80° 06' 00"	
Number of Employees	1721	
NPRI ID	3855	
Ontario MOE ID Number	5110	

Parent Company (PC) Information	
PC Name & Address	United States Steel Corporation
Percent Ownership for each PC	100 per cent
Business Number for PC	171240948

Primary North American Industrial Classification System Code (NAICS)	
2 Digit NAICS Code	31-33 – Manufacturing
4 Digit NAICS Code	3311 - Iron & Steel Mills & Ferro-Alloy Manufacturing
6 Digit NAICS Code	331110 - Iron & Steel Mills & Ferro-Alloy Manufacturing

Company Contact Information	
Facility Public Contact	Trevor D Harris
	tdharris@uss.com
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	Fax: (905) 308-7002

PLAN SUMMARY STATEMENT

The plan summary accurately reflects the content of the toxic substance reduction plan for chromium, prepared by U. S. Steel Canada - Lake Erie Works, dated November 8, 2012.

STATEMENT OF INTENT

U. S. Steel Canada – Lake Erie Works is committed to reducing or, where possible, eliminating the usage of chromium providing that circumstances permit it, while complying with all Federal and Provincial Regulations.

REDUCTION OBJECTIVES

Our objective is to reduce the usage of chromium to the extent that circumstances permit.

DESCRIPTION OF SUBSTANCE

Chromium is introduced into the plant's processes both incidentally, as an impurity, primarily through the utilization of coal and iron ore pellets and as a desired substance at the steelmaking process as a constituent of scrap and alloys.

TOXIC SUBSTANCE REDUCTION OPTION TO BE IMPLEMENTED

No such options exist because chromium is a trace component of coal and iron ore or is used to achieve required steel properties. As far as the incidental usage is concerned both coal and iron ore are crucial to our operations and cannot be replaced by other materials free of impurities.



U. S. Steel Canada
A Subsidiary of United States Steel

Lake Erie Works
Toxic Substance Reduction Summary Plans - Copper
(O. Reg. 455/09)

Issued December 16, 2012

BASIC FACILITY INFORMATION

Name & CAS # of Substance	Copper	N/A
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Facility Identification and Site Address		
Company Name	U. S. Steel Canada Inc.	
Facility Name	Lake Erie Works	
Facility Address	Physical Address: 2330 RR#3, Nanticoke, Ontario N0A 1L0	Mailing Address: Same as physical address
Facility Latitude	42° 48' 00"	
Facility Longitude	80° 06' 00"	
Number of Employees	1721	
NPRI ID	3855	
Ontario MOE ID Number	5110	

Parent Company (PC) Information	
PC Name & Address	United States Steel Corporation
Percent Ownership for each PC	100 per cent
Business Number for PC	171240948

Primary North American Industrial Classification System Code (NAICS)	
2 Digit NAICS Code	31-33 – Manufacturing
4 Digit NAICS Code	3311 - Iron & Steel Mills & Ferro-Alloy Manufacturing
6 Digit NAICS Code	331110 - Iron & Steel Mills & Ferro-Alloy Manufacturing

Company Contact Information	
Facility Public Contact	Trevor D Harris
	tdharris@uss.com
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	Fax: (905) 308-7002

PLAN SUMMARY STATEMENT

The plan summary accurately reflects the content of the toxic substance reduction plan for copper, prepared by U. S. Steel Canada - Lake Erie Works, dated November 8, 2012.

STATEMENT OF INTENT

U. S. Steel Canada – Lake Erie Works is committed to reducing or, where possible, eliminating the usage of copper providing that circumstances permit it, while complying with all Federal and Provincial Regulations.

REDUCTION OBJECTIVES

Our objective is to reduce the usage of copper to the extent that circumstances permit.

DESCRIPTION OF SUBSTANCE

Copper is introduced into the plant's processes both incidentally, as an impurity, through the utilization of iron ore pellets and coal and as a preferred substance through the consumption of scrap and alloys.

TOXIC SUBSTANCE REDUCTION OPTION TO BE IMPLEMENTED

No such options exist because copper is a trace component of coal and iron ore or is used to achieve required steel properties.



U. S. Steel Canada
A Subsidiary of United States Steel

Lake Erie Works
Toxic Substance Reduction Summary Plans - Lead
(O. Reg. 455/09)

Issued December 16, 2012

BASIC FACILITY INFORMATION

Name & CAS # of Substance	Lead	N/A
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Facility Identification and Site Address		
Company Name	U. S. Steel Canada Inc.	
Facility Name	Lake Erie Works	
Facility Address	Physical Address: 2330 RR#3, Nanticoke, Ontario N0A 1L0	Mailing Address: Same as physical address
Facility Latitude	42° 48' 00"	
Facility Longitude	80° 06' 00"	
Number of Employees	1721	
NPRI ID	3855	
Ontario MOE ID Number	5110	

Parent Company (PC) Information	
PC Name & Address	United States Steel Corporation
Percent Ownership for each PC	100 per cent
Business Number for PC	171240948

Primary North American Industrial Classification System Code (NAICS)	
2 Digit NAICS Code	31-33 - Manufacturing
4 Digit NAICS Code	3311 - Iron & Steel Mills & Ferro-Alloy Manufacturing
6 Digit NAICS Code	331110 - Iron & Steel Mills & Ferro-Alloy Manufacturing

Company Contact Information	
Facility Public Contact	Trevor D Harris
	tdharris@uss.com
	Phone: (905) 577-4447
	Fax: (905) 308-7002

PLAN SUMMARY STATEMENT

The plan summary accurately reflects the content of the toxic substance reduction plan for lead, prepared by U. S. Steel Canada - Lake Erie Works, dated November 8, 2012.

STATEMENT OF INTENT

U. S. Steel Canada – Lake Erie Works is committed to reducing or, where possible, eliminating the usage of lead providing that circumstances permit it, while complying with all Federal and Provincial Regulations.

REDUCTION OBJECTIVES

Our objective is to reduce the usage of lead to the extent that circumstances permit.

DESCRIPTION OF SUBSTANCE

Lead is introduced into the plant's processes incidentally, as an impurity, primarily through the utilization of alloys however minor quantities are also contributed by coal and iron ore pellets.

TOXIC SUBSTANCE REDUCTION OPTION TO BE IMPLEMENTED

No such options exist because lead is a trace component of coal, iron ore pellets and alloys. Since the abovementioned raw materials are crucial to our operations and cannot be replaced by other materials free of impurities, it is virtually impossible to eliminate the "usage" of lead.



U. S. Steel Canada
A Subsidiary of United States Steel

Lake Erie Works
Toxic Substance Reduction Summary Plans -
Manganese
(O. Reg. 455/09)

Issued December 16, 2012

BASIC FACILITY INFORMATION

Name & CAS # of Substance	Manganese	N/A
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Facility Identification and Site Address		
Company Name	U. S. Steel Canada Inc.	
Facility Name	Lake Erie Works	
Facility Address	Physical Address: 2330 RR#3, Nanticoke, Ontario N0A 1L0	Mailing Address: Same as physical address
Facility Latitude	42° 48' 00"	
Facility Longitude	80° 06' 00"	
Number of Employees	1721	
NPRI ID	3855	
Ontario MOE ID Number	5110	

Parent Company (PC) Information	
PC Name & Address	United States Steel Corporation
Percent Ownership for each PC	100 per cent
Business Number for PC	171240948

Primary North American Industrial Classification System Code (NAICS)	
2 Digit NAICS Code	31-33 – Manufacturing
4 Digit NAICS Code	3311 - Iron & Steel Mills & Ferro-Alloy Manufacturing
6 Digit NAICS Code	331110 - Iron & Steel Mills & Ferro-Alloy Manufacturing

Company Contact Information	
Facility Public Contact	Trevor D Harris
	tdharris@uss.com
	Phone: (905) 577-4447
	Fax: (905) 308-7002

PLAN SUMMARY STATEMENT

The plan summary accurately reflects the content of the toxic substance reduction plan for manganese, prepared by U. S. Steel Canada - Lake Erie Works, dated November 8, 2012.

STATEMENT OF INTENT

U. S. Steel Canada – Lake Erie Works is committed to reducing or, where possible, eliminating the usage of manganese providing that circumstances permit it, while complying with all Federal and Provincial Regulations.

REDUCTION OBJECTIVES

Our objective is to reduce the usage of manganese to the extent that circumstances permit.

DESCRIPTION OF SUBSTANCE

Manganese is introduced into the plant's processes both incidentally, as an impurity, primarily through the utilization of iron ore pellets and as a desired substance through the consumption of scrap and alloys.

TOXIC SUBSTANCE REDUCTION OPTION TO BE IMPLEMENTED

No such options exist because manganese is a trace component of coal and iron ore or is used to achieve required steel properties.



U. S. Steel Canada
A Subsidiary of United States Steel

Lake Erie Works
Toxic Substance Reduction Summary Plans - Mercury
(O. Reg. 455/09)

Issued December 16, 2012

BASIC FACILITY INFORMATION

Name & CAS # of Substance	Mercury	N/A
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Facility Identification and Site Address		
Company Name	U. S. Steel Canada Inc.	
Facility Name	Lake Erie Works	
Facility Address	Physical Address: 2330 RR#3, Nanticoke, Ontario N0A 1L0	Mailing Address: Same as physical address
Facility Latitude	42° 48' 00"	
Facility Longitude	80° 06' 00"	
Number of Employees	1721	
NPRI ID	3855	
Ontario MOE ID Number	5110	

Parent Company (PC) Information	
PC Name & Address	United States Steel Corporation
Percent Ownership for each PC	100 per cent
Business Number for PC	171240948

Primary North American Industrial Classification System Code (NAICS)	
2 Digit NAICS Code	31-33 - Manufacturing
4 Digit NAICS Code	3311 - Iron & Steel Mills & Ferro-Alloy Manufacturing
6 Digit NAICS Code	331110 - Iron & Steel Mills & Ferro-Alloy Manufacturing

Company Contact Information	
Facility Public Contact	Trevor D Harris
	tdharris@uss.com
	Phone: (905) 577-4447
	Fax: (905) 308-7002

PLAN SUMMARY STATEMENT

The plan summary accurately reflects the content of the toxic substance reduction plan for mercury, prepared by U. S. Steel Canada - Lake Erie Works, dated November 8, 2012.

STATEMENT OF INTENT

U. S. Steel Canada – Lake Erie Works is committed to reducing or, where possible, eliminating the usage of mercury providing that circumstances permit it, while complying with all Federal and Provincial Regulations.

REDUCTION OBJECTIVES

Our objective is to reduce the usage of mercury to the extent that circumstances permit.

DESCRIPTION OF SUBSTANCE

Mercury is introduced into the plant's processes incidentally, as an impurity, primarily through the utilization of alloys and fluxes however minor quantities are also contributed by coal and iron ore pellets.

TOXIC SUBSTANCE REDUCTION OPTION TO BE IMPLEMENTED

Mercury is introduced into the plant's processes incidentally, as an impurity, primarily through the utilization of alloys and fluxes however minor quantities are also contributed by coal and iron ore pellets. Since the abovementioned raw materials are crucial to our operations and cannot be replaced by other materials free of impurities, it is virtually impossible to eliminate the "usage" of mercury.



Lake Erie Works

Toxic Substance Reduction Summary Plans – Methanol

(O. Reg. 455/09)

Issued December 16, 2012

BASIC FACILITY INFORMATION

Name & CAS # of Substance	Methanol	67-56-1
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Facility Identification and Site Address		
Company Name	U. S. Steel Canada Inc.	
Facility Name	Lake Erie Works	
Facility Address	Physical Address: 2330 RR#3, Nanticoke, Ontario N0A 1L0	Mailing Address: Same as physical address
Facility Latitude	42° 48' 00"	
Facility Longitude	80° 06' 00"	
Number of Employees	1721	
NPRI ID	3855	
Ontario MOE ID Number	5110	

Parent Company (PC) Information	
PC Name & Address	United States Steel Corporation
Percent Ownership for each PC	100 per cent
Business Number for PC	171240948

Primary North American Industrial Classification System Code (NAICS)	
2 Digit NAICS Code	31-33 - Manufacturing
4 Digit NAICS Code	3311 - Iron & Steel Mills & Ferro-Alloy Manufacturing
6 Digit NAICS Code	331110 - Iron & Steel Mills & Ferro-Alloy Manufacturing

Company Contact Information	
Facility Public Contact	Trevor D Harris
	tdharris@uss.com
	Phone: (905) 577-4447
	Fax: (905) 308-7002

PLAN SUMMARY STATEMENT

The plan summary accurately reflects the content of the toxic substance reduction plan for methanol, prepared by U. S. Steel Canada - Lake Erie Works, dated November 8, 2012.

STATEMENT OF INTENT

U. S. Steel Canada – Lake Erie Works is committed to reducing or, where possible, eliminating the creation of methanol providing that circumstances permit it, while complying with all Federal and Provincial Regulations.

REDUCTION OBJECTIVES

Our objective is to reduce the creation of methanol to the extent that circumstances permit.

DESCRIPTION OF SUBSTANCE

Methanol is introduced into the process incidentally, formed through pyrolysis of coal in the absence of oxygen in the coke ovens which, in addition to coke, produces a range of other compounds from hydrogen and methane through heavy organic compounds.

TOXIC SUBSTANCE REDUCTION OPTION TO BE IMPLEMENTED

No such options exist because methanol is created incidentally in the production of coke from coal as a result of the chemical structure of coal. Since the production of coke is crucial to our cokemaking operations and since coke cannot be replaced by other materials, it is not possible to eliminate the creation of methanol.



U. S. Steel Canada
A Subsidiary of United States Steel

Lake Erie Works

Toxic Substance Reduction Summary Plans – Polycyclic Aromatic Hydrocarbons (O. Reg. 455/09)

Issued December 16, 2012

BASIC FACILITY INFORMATION

Name & CAS # of Substance	Acenaphthylene	208-96-8
	Benzo(a)anthracene	56-55-3
	Benzo(a)phenanthrene	218-01-9
	Benzo(a)pyrene	50-32-8
	Benzo(b)fluoranthene	205-99-2
	Benzo(g,h,i)perylene	191-24-2
	Benzo(j)fluoranthene	205-82-3
	Benzo(k)fluoranthene	207-08-9
	Dibenzo(a,h)anthracene	53-70-3
	Dibenzo(a,i)pyrene	189-55-9
	Fluoranthene	206-44-0
	Indeno(1,2,3-c,d)pyrene	193-39-5
	Naphthalene	91-20-3
	Perylene	198-55-0
	Phenanthrene	85-01-8
	Pyrene	129-00-0

Facility Identification and Site Address		
Company Name	U. S. Steel Canada Inc.	
Facility Name	Lake Erie Works	
Facility Address	Physical Address: 2330 RR#3, Nanticoke, Ontario N0A 1L0	Mailing Address: Same as physical address
Facility Latitude	42° 48' 00"	
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Number of Employees	1721	
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Parent Company (PC) Information	
PC Name & Address	United States Steel Corporation
Percent Ownership for each PC	100 per cent
Business Number for PC	171240948

Primary North American Industrial Classification System Code (NAICS)	
2 Digit NAICS Code	31-33 - Manufacturing
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6 Digit NAICS Code	331110 - Iron & Steel Mills & Ferro-Alloy Manufacturing

BASIC FACILITY INFORMATION (cont.)

Company Contact Information	
Facility Public Contact	Trevor D Harris
	tdharris@uss.com
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PLAN SUMMARY STATEMENT

The plan summary accurately reflects the content of the toxic substance reduction plan for all toxic substances listed in Table 1, prepared by U. S. Steel Canada - Lake Erie Works, dated November 8, 2012.

STATEMENT OF INTENT

U. S. Steel Canada – Lake Erie Works is committed to reducing or, where possible, eliminating the usage and creation of PAH compounds providing that circumstances permit it, while complying with all Federal and Provincial Regulations.

REDUCTION OBJECTIVES

Our objective is to reduce the usage and creation of PAH compounds to the extent that circumstances permit.

DESCRIPTION OF SUBSTANCE

PAHs are introduced into the process incidentally, formed through pyrolysis of coal in the absence of oxygen in the coke ovens.

TOXIC SUBSTANCE REDUCTION OPTION TO BE IMPLEMENTED

No such options exist because PAHs are created incidentally in the production of coke from coal as a result of the chemical structure of coal. Since the production of coke is crucial to our cokemaking operations and since coke cannot be replaced by other materials, it is not possible to eliminate the creation of PAHs.



U. S. Steel Canada
A Subsidiary of United States Steel

Lake Erie Works
Toxic Substance Reduction Summary Plans - Zinc
(O. Reg. 455/09)

Issued December 16, 2012

BASIC FACILITY INFORMATION

Name & CAS # of Substance	Zinc	7440-62-2
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Facility Identification and Site Address		
Company Name	U. S. Steel Canada Inc.	
Facility Name	Lake Erie Works	
Facility Address	Physical Address: 2330 RR#3, Nanticoke, Ontario N0A 1L0	Mailing Address: Same as physical address
Facility Latitude	42° 48' 00"	
Facility Longitude	80° 06' 00"	
Number of Employees	1721	
NPRI ID	3855	
Ontario MOE ID Number	5110	

Parent Company (PC) Information	
PC Name & Address	United States Steel Corporation
Percent Ownership for each PC	100 per cent
Business Number for PC	171240948

Primary North American Industrial Classification System Code (NAICS)	
2 Digit NAICS Code	31-33 - Manufacturing
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6 Digit NAICS Code	331110 - Iron & Steel Mills & Ferro-Alloy Manufacturing

Company Contact Information	
Facility Public Contact	Trevor D Harris
	tdharris@uss.com
	Phone: (905) 577-4447
	Fax: (905) 308-7002

PLAN SUMMARY STATEMENT

The plan summary accurately reflects the content of the toxic substance reduction plan for zinc, prepared by U. S. Steel Canada - Lake Erie Works, dated November 8, 2012.

STATEMENT OF INTENT

U. S. Steel Canada – Lake Erie Works is committed to reducing or, where possible, eliminating the usage of zinc providing that circumstances permit it, while complying with all Federal and Provincial Regulations.

REDUCTION OBJECTIVES

Our objective is to reduce the usage of zinc to the extent that circumstances permit.

DESCRIPTION OF SUBSTANCE

Zinc is introduced into the plant's processes incidentally, as an impurity, primarily through the utilization of alloys and fluxes however minor quantities are also contributed by coal and iron ore pellets.

TOXIC SUBSTANCE REDUCTION OPTION TO BE IMPLEMENTED

Zinc is introduced into the plant's processes incidentally, as an impurity, primarily through the utilization of alloys and fluxes however minor quantities are also contributed by coal and iron ore pellets. Since the abovementioned raw materials are crucial to our operations and cannot be replaced by other materials free of impurities, it is virtually impossible to eliminate the "usage" of zinc.



U. S. Steel Canada
A Subsidiary of United States Steel

Lake Erie Works
Toxic Substance Reduction Plans - Certifications
(O. Reg. 455/09)

Issued December 24, 2012

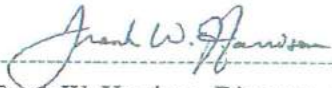
TOXIC SUBSTANCES

Table 1

Name & CAS # of Substance	Arsenic	N/A
	Cadmium	N/A
	Benzene	71-43-2
	Toluene	108-88-3
	Xylene	1330-20-7
	Chlorine	7782-50-5
	Chromium	N/A
	Copper	N/A
	Lead	N/A
	Manganese	N/A
	Mercury	N/A
	Methanol	67-56-1
	Acenaphthylene	208-96-8
	Benzo(a)anthracene	56-55-3
	Benzo(a)phenanthrene	218-01-9
	Benzo(a)pyrene	50-32-8
	Benzo(b)fluoranthene	205-99-2
	Benzo(g,h,i)perylene	191-24-2
	Benzo(j)fluoranthene	205-82-3
	Benzo(k)fluoranthene	207-08-9
	Dibenzo(a,h)anthracene	53-70-3
	Dibenzo(a,i)pyrene	189-55-9
	Fluoranthene	206-44-0
	Indeno(1,2,3-c,d)pyrene	193-39-5
	Naphthalene	91-20-3
	Perylene	198-55-0
	Phenanthrene	85-01-8
	Pyrene	129-00-0
	Zinc	7440-62-2

CERTIFICATION BY HIGHEST RANKING EMPLOYEE

As of 24 December 2012 I certify that I have read the toxic substance reduction plans for all substances listed in Table 1 and am familiar with their contents, and to my knowledge that plans are factually accurate and comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under this Act.



Frank W. Harrison, Director – Environmental & Corporate Affairs
U. S. Steel Canada Inc.

CERTIFICATION BY LICENSED PLANNER

As of 27 December 2012 I, Julie Wedzinga certify that I am familiar with the processes at U. S. Steel Canada – Lake Erie Works that use or create toxic substances listed in Table 1, 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 plans dated [date – refer above] and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under this Act.



Julie Wedzinga [Planner License #TSRP0050]
Environmental Engineer / Toxic Substance Reduction Planner
U. S. Steel Canada – Hamilton Works