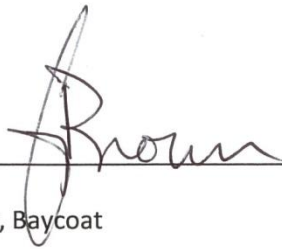


## SUPPLEMENTAL SUMMARY PLAN STATEMENT

Baycoat is required under Ontario Regulation 455/09 "Toxic Reduction Act", to develop Toxic Reduction Plans for reportable substances and to make summaries of these plans available. The Toxic Reduction Plans are updated on a 5 year basis to reflect current operations, new or modified reduction options and other changes which may have occurred at the facility.

Readers are cautioned that the following Toxic Reduction Plan Summary is shown as it existed on the Date of Certification and as such may not fully reflect the current conditions at Baycoat, which will be incorporated in the next Toxic Reduction Plan update. Similarly, reduction options listed in the Toxic Reduction Plan Summary may not reflect changes that occurred during the implementation stage for some options and will be addressed in future updates.

Sincerely,



, February 28, 2018

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Graham Brown  
General Manager, Baycoat

## TOXIC SUBSTANCE REDUCTION PLAN SUMMARY

Substance Name and CAS #	Xylene (1330-20-7) Toluene (108-88-3) Ethylbenzene (100-41-4) Naphthalene (91-20-3) Methanol (67-56-1)
<b>Facility Identification and Site Address</b>	
Legal Company Name:	Dofasco Inc., Stelco Inc.
Facility Name:	Baycoat
Facility Address:	244 Lanark St., Hamilton, ON L8N 3K7
Spatial Coordinates of Facility:	43.24280E -79.75030N NAD82
Number of Full-time Employees:	170
Facility NPRI ID:	15
Ontario MOECC ID Number (if assigned):	
2 Digit NAICS Code:	33
4 Digit NAICS Code:	3328
6 Digit NAICS Code:	332810
<b>Parent Company Information</b>	
Name of Parent Company:	ArcelorMittal Dofasco
Address of Parent Company:	1330 Burlington St. E. Hamilton, ON L8N 3J5
Percentage Ownership of Facility:	50%
Name of Parent Company:	US Steel Canada
Address of Parent Company:	100 King St. W. Hamilton, ON L8N 3T1
Percentage Ownership of Facility:	50%
<b>Company Contact Information</b>	
Public Contact Name:	Lionel Motl
Position / Title:	President and General Manager
Telephone:	905-561-0965
<b>Substances for Which Other Plans Have Been Prepared (Name, CAS #)</b>	
Chromium (NA-01)	Isopropyl Alcohol (67-63-0)
Zinc (NA-14)	1,2,4 Trimethyl Benzene (95-63-6)
Nickel (NA-11)	2-butoxyethanol (111-76-2)
Nitrogen Oxides (11104-93-1)	Solvent Naphtha Light (64742-95-6)
Methyl Isobutyl Ketone (108-10-1)	Butyl Carbitol Solvent (112-34-5)
Methyl Ethyl Ketone (78-93-3)	Medium Aromatic Naphtha (64742-94-5)

## **PLAN SUMMARY STATEMENT**

This plan summary accurately reflects the content of the toxic substance reduction plan for Phase 1 Surface Coating Organics:

- Xylene (1330-20-7)
- Toluene (108-88-3)
- Ethylbenzene (100-41-4)
- Naphthalene (91-20-3)
- Methanol (67-56-1)

## **TOXIC REDUCTION POLICY STATEMENT OF INTENT**

The five surface coating organics are currently used by Baycoat. Baycoat intends to reduce the use/transfer of these VOCs at the facility, if feasible to do so. The facility does not create these substances; therefore, this plan will not address reducing its creation.

## **REDUCTION OBJECTIVES:**

Baycoat will strive to reduce the use of the surface coating organics at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

## **DESCRIPTION OF SUBSTANCE**

All five substances are Phase 1 surface coating organics.

## **TOXIC SUBSTANCE REDUCTION OPTION(S) TO BE IMPLEMENTED**

The following technically and economically feasible option has been identified for implementation to reduce the use of the five Phase 1 surface coating organics:

- Install a paint temperature control system on the Line 3 production line that has proven to reduce solvent usage on the other production line.

The plan is to be implemented by December 31, 2014 and is expected to result in a total reduction of 5 percent.

Option 2: Control Paint Temperatures	Estimate 5% reduction used, in turn, 5% reduction in air emission, recycling and contained in product.									
Estimate of Reduction kg / 5(%)										
Option(s)	Used	Created	On-Site Releases			Disposal		Transferred (recycling)	Contained in product	Transformed
			Air	Land	Water	On-Site	Off-Site			
Xylene (1330- 20-7)	212212.6	0	1514	0	0	0	0	60782	149916.6	0
Estimated Reduction Total	10610.63		75.7					3039.1	7495.85	
Toluene (108- 88-3)	12870.6	0	99	0	0	0	0	11397.86	112373.7 4	0
Estimated Reduction Total	643.53		4.95					569.89	5218.69	
Ethylbenzene (100-41-4)	16399.5	0	164	0	0	0	0	0	16235.5	0
Estimated Reduction Total	819.98		8.2						811.78	
Naphthalene (91-20-3)	43896.5	0	439	0	0	0	0	0	43457.5	0
Estimated Reduction Total	2194.83		21.95						2172.89	
Methanol (67- 56-1)	33095.5	0	26	0	0	0	0	30522.9	2546.6	0
Estimated Reduction Total	1654.76		1.3					1526.15	127.33	

## CERTIFICATION STATEMENTS

### 9. PLAN CERTIFICATION FOR VOCs

As of December 21, 2012, I, LIONEL T. MOTL, BAYCOAT, 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.

- Xylene (1330-20-7)
- Toluene (108-88-3)
- Ethylbenzene (100-41-4)
- Naphthalene (91-20-3)
- Methanol (67-56-1)

Lionel Motl      Dec 21/2012  
Date

Lionel T. Motl, General Manager, Baycoat. (Highest Ranking Employee)

As of December 21, 2012, I, SCOTT MANSER, PLANNER ORTECH ENVIRONMENTAL, certify that I am familiar with the processes at Baycoat 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 December 21, 2012 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Scott Manser      12/21/2012  
Date  
Scott Manser  
Toxic Substance Reduction Planner  
License No. TSRP0071