

MSSC – Chatham - Toxic Reduction Plan Summary – Zinc

Basic Facility Information

Name & CAS of Substance	Zinc	NA-14
Substances for which other plans have been prepared	Manganese PM10	NA-09 NA-M09
Facility Identification and Site Address		
Company Name	MSSC	
Facility Name	MSSC	
Facility Address	201 Park Ave. E., Chatham, Ontario N7M 3V7	
Spatial Coordinates of Facility	Latitude: 42.40060 Longitude: -82.17390	<i>Expressed in Universal Transverse Mercator (UTM) within a North American Datum 83 (NAD83) datum</i>
Number of Employees	280	
NPRI ID Number	0805	
Ontario MOE ID Number	5779	
Business Number	124266462	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	33	
4 Digit NAICS Code	3363	
6 Digit NAICS Code	336330	
Company Contact Information		
Facility Public Contact	Mr. James Hall	Senior Engineer
	James.Hall@msscna.com	MSSC
	Phone: (519) 354-1100	Same address as facility
	Cell: (519) 401-9531	

Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for Zinc, prepared by MSSC and dated December 20, 2013.

Statement of Intent

MSSC is committed to demonstrating the highest standards of environmental management and employee safety. Zinc is being used by MSSC in their processes. Whenever feasible we plan to eliminate or reduce the use, creation and discharge of manganese in full compliance with all Federal and Provincial Regulations.

Reduction Objectives

Our goal is to continue to investigate ways to reduce the use of Zinc at our facility in the future.

Description of Substance

Zinc is an Element found in the a lubricant, a chemical for pretreatment of steel prior to paint, a component of one of the powder coatings, and a component of a retaining ring formed on certain steel bars produced by MSSC.

Toxic Substance Reduction Option to be Implemented

- Lubricant – Will be replaced by a substitute that does not contain zinc
- Chemical in pretreatment – At this time customer specification require the type of pretreatment that currently in use. No reduction option is planned
- Powder Paint – At this time customer specification requires the type of coating needed to meet corrosion specifications. There is no other technical option that is economically feasible and approved for our products at this time. No reduction option is planned.
- Zinc Rings – There is no reduction option planned, however in the future, on any new business requiring this type of technology, a non-zinc option will be investigated.

Certification by Highest Ranking Employee


As of December 20th 2012, I, John Trapp, 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 Toxic Reductions Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.



John Trapp
President and General Manager
MSSC

Certification by a Licensed Planner

As of December 20th 2012, I, James Hall, certify that I am familiar with the processes at MSSC that uses 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 Toxic Reduction Act, 2009 that are set out in the plan dated December 20, 2012 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.



James Hall (Planner License #TSRP0291)
Senior Engineer
MSSC Canada, Chatham , ON

MSSC – Chatham - Toxic Reduction Plan Summary – PM₁₀

Basic Facility Information

Name & CAS of Substance	PM ₁₀	NA-M09
Substances for which other plans have been prepared	Manganese Zinc	NA-09 NA-14
Facility Identification and Site Address		
Company Name	MSSC	
Facility Name	MSSC	
Facility Address	201 Park Ave. E., Chatham, Ontario N7M 3V7	
Spatial Coordinates of Facility	Latitude: 42.40060 Longitude: -82.17390	<i>Expressed in Universal Transverse Mercator (UTM) within a North American Datum 83 (NAD83) datum</i>
Number of Employees	280	
NPRI ID Number	0805	
Ontario MOE ID Number	5779	
Business Number	124266462	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	33	
4 Digit NAICS Code	3363	
6 Digit NAICS Code	336330	
Company Contact Information		
Facility Public Contact	Mr. James Hall	Senior Engineer
	James.Hall@msscna.com	MSSC
	Phone: (519) 354-1100	Same address as facility
	Cell: (519) 401-9531	

Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for PM₁₀, prepared by MSSC and dated December 23, 2013.

Statement of Intent

MSSC is committed to demonstrating the highest standards of environmental management and employee safety. PM₁₀ is created by MSSC in the combustion of natural gas required for the processes. Whenever feasible we plan to eliminate or reduce the use of natural gas, therefore reducing the creation and discharge of PM₁₀ in full compliance with all Federal and Provincial Regulations.

Reduction Objectives

Our goal is to continue to investigate ways to reduce the creation of PM10 at our facility in the future.

Description of Substance

PM10 is created by the combustion of natural gas required as part of processes of MSSC

Toxic Substance Reduction Option to be implemented

No specific reduction option is to be implemented at this time by MSSC. MSSC will, as part of the continuous improvement programs through both ISO 14001 and TS16949 continue to reduce the use of Natural gas in the operations at the Chatham facility.

Certification by Highest Ranking Employee


As of December 20th 2012, I, John Trapp 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 Toxic Reductions Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.



John Trapp
President and General Manager
MSSC

Certification by a Licensed Planner

As of December 20th 2012, I, James Hall, certify that I am familiar with the processes at MSSC that uses 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 Toxic Reduction Act, 2009 that are set out in the plan dated December 20, 2012 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.



James Hall (Planner License #TSRP0291)
Senior Engineer
MSSC Canada, Chatham , ON