



FINAL

Toxics Substance Reduction Plan Summary for Metals

9 & 24 Napoleon Road
Barrie, ON
L4M 0G8

Prepared for:

**Andrew Monkman,
Environmental Coordinator**

Wolf Steel Ltd.
9 & 24 Napoleon Road
Barrie, ON L4M 0G8

December 14, 2014

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EXECUTIVE SUMMARY

Wolf Steel Ltd., located at 9 and 24 Napoleon Road, Barrie, manufactures fireplaces, stoves, furnaces, and ceramic fireplace logs. Raw materials are received at 24 Napoleon. Individual fireplace and furnace components are manufactured at 24 Napoleon and then transferred to 9 Napoleon for assembly. Processes at the facility include welding, laser cutting, grinding, painting, and baking.

The substance requiring a plan are Chromium, Copper, Manganese, Nickel and Zinc based on 2012 Toxics Reduction Act accounting information. Chromium, Copper, Manganese, Nickel and Zinc are received by Wolf Steel, as part of the steel processed at the facility.



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1.0 BASIC FACILITY INFORMATION

Substance Information		
Substance 1	Chromium (and its compounds) (CAS# NA – 04)	
Substance 2	Copper (and its compounds) (CAS# NA – 06)	
Substance 3	Manganese (and its compounds) (CAS# NA – 09)	
Substance 4	Nickel (and its compounds) (CAS# NA –11)	
Substance 5	Zinc (and its compounds) (CAS# NA – 14)	
Facility Information		
Company Name	Wolf Steel Ltd.	
Facility Address	9 & 24 Napoleon Road, Barrie, ON	
Site Coordinates (main entrance of site)	608244 E, 4921178 N; Zone 17	
NPRI ID	11165	
MOE ID	NA	
Number of Full-Time Employees in 2012	375	
2-Digit NAICS Code	33 – Manufacturing	
4-Digit NAICS Code	3334 - Ventilation, Heating, Air-Conditioning and Commercial Refrigeration Equipment Manufacturing	
6-Digit NAICS Code	333416 - Heating Equipment and Commercial Refrigeration Equipment Manufacturing	
Facility Contact Information		
Public Contact	Andrew Monkman Environmental Coordinator Phone: 705-721-1212 ext. 715	amonkman@napoleonproducts.com Same as Facility

2.0 STATEMENT OF INTENT

Wolf Steel Ltd. is committed to playing a leadership role in protecting the environment. The use of Chromium, Copper, Manganese, Nickel and Zinc is an integral part of the products that we manufacture,



and it is not technically or economically feasible to reduce. We will continue to use these substances in strict accordance with all applicable environmental regulations.

3.0 SUBSTANCES REQUIRING PLANS

The substance requiring a plan are Chromium, Copper, Manganese, Nickel and Zinc based on 2012 Toxics Reduction Act accounting information. Chromium, Copper, Manganese, Nickel and Zinc are received by Wolf Steel, as part of the steel processed at the facility.

4.0 OBJECTIVES OF THE PLAN & ANY TARGETS

While no options have been identified, as part of the continuous improvement practices at the facility, technical advances will be monitored for new opportunities to reduce the use of Chromium, Copper, Manganese, Nickel and Zinc at the facility.

5.0 OPTIONS TO BE IMPLEMENTED (OR STATEMENT THAT NONE ARE TO BE IMPLEMENTED)

Wolf Steel Ltd.'s commitment to continuous improvement has resulted in an extraordinary lean and efficient manufacturing facility. The facility's continuous improvement measures, coupled with the acknowledgment that customer demand drives the specifications for the parts produced at the site mean that there are no additional options for the facility to implement. However, the facility will continue to make improvements to processes and programs when feasible.



7.0 CERTIFICATION BY HIGHEST RANKING EMPLOYEE

As of December 23, 2014, I, Julian Hewitt, 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.

Chromium, Copper, Manganese, Nickel and Zinc December 23, 2014

A handwritten signature in blue ink, appearing to read "Julian Hewitt", is written over a horizontal line.

Julian Hewitt
Director of Canadian Operations
Wolf Steel Ltd.



7.0 CERTIFICATION BY LICENSED PLANNER

As of December 23, 2014, I, Ajay Madan, TSRP# 0010 certify that I am familiar with the processes at Wolf Steel Ltd. that use or create the toxic substances 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 toxic substance reduction plans referred to below for the toxic substances and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

Chromium, Copper, Manganese, Nickel and Zinc December 23, 2014

Ajay Madan, TSRP# 0010
Senior Project Engineer
Pinchin Ltd.
amadan@pinchin.com

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