

**FINAL REPORT**

**SANDVIK MATERIALS TECHNOLOGY CANADA**

**425 MCCARTNEY STREET,  
ARNPRIOR, ONTARIO**

**TOXIC SUSTANCE REDUCTION PLAN  
SUMMARY (NICKEL)**

**REF.: 12-XXX**



**Submitted:  
December 21, 2012**

**Prepared by:  
SNC-Lavalin Environment  
Ottawa, Ontario**



**SNC•LAVALIN  
Environment**

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**TABLE OF CONTENTS**

1.	Introduction .....	2
2.	Basic Facility Information .....	2
3.	Toxic Reduction Policy Statement Of Intent.....	3
4.	Reduction Objectives .....	3
5.	Description Of Substance .....	4
6.	Toxic Substance Reduction Option To Be Implemented .....	4
7.	Plan Summary Statement .....	4
8.	Certification By Highest Ranking Employee.....	5
9.	Certification By Licensed Planner .....	5

## 1. INTRODUCTION

SNC-Lavalin Environment, Division of SNC-Lavalin Inc. (SLE) was retained by Sandvik Materials Technology Canada (Sandvik), formerly Sandvik Steel Canada, (a Division of Sandvik Canada Inc.) to complete a Toxic Substances Reduction Plan for the use of nickel at 425 McCartney Street, Arnprior, Ontario (the Facility). This report summarizes the general Facility information, statement of intent, reduction options and Plan Certifications.

SNC-Lavalin Environment, Division of SNC-Lavalin Inc. (SLE), has prepared this Plan Summary, on behalf of Sandvik. The following information meets the requirements of s. 24 of O. Reg 455/09 for the 2011 reporting year.

## 2. BASIC FACILITY INFORMATION

<b>Toxic Substances:</b>	<b>Nickel</b>
<b>CAS Numbers:</b>	7440-02-0
<b>Facility Identification</b>	
Company Name:	Sandvik Materials Technology Canada
Facility Name:	Sandvik Tube Production Facility
Address:	425 McCartney Street, Arnprior, Ontario, K7S 3P3
UTM Spatial Coordinates:	UTM Easting: 394954 UTM Northing: 5030913 Map Datum: NAD83 Zone: 17
Number of Full Time Employees:	185
NPRI Identification Number:	4524
Ontario MOE ID Number:	5785
<b>Parent Company Information</b>	
Legal Name of the Parent Company:	Sandvik Canada Inc.
Address of the Parent Company:	2250 Meadowvale Blvd., Mississauga, ON
Percentage of Facility Owned by Company:	100%
CCRA Business Number:	121 024 244 RT0002
<b>Primary North American Industrial Classification System Code (NAICS)</b>	
Two Digit NAICS Code:	33
Four Digit NAICS Code:	3312
Six Digit NAICS Code:	331210

**Company Contact Information**

Name:	Michael Hall
Position:	General Manager
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**3. TOXIC REDUCTION POLICY STATEMENT OF INTENT**

Sandvik is committed to playing a leadership role in protecting the environment. Concern for the environment, health and safety is a fundamental consideration in all operations. Whenever feasible, Sandvik will eliminate, or reduce the use, creation, or discharge of toxic substances in full compliance with all federal and provincial regulations. Sandvik's employees are encouraged to participate in all types of toxic use reduction activities. Toxic use reduction will be an ongoing effort for Sandvik, and Sandvik will continue to monitor technological advancements to ensure that reduction options that are both technological and financially viable are implemented at the Facility.

**4. REDUCTION OBJECTIVES**

All employees at Sandvik will be involved in toxic use reduction. Toxic substance use and reduction of waste is a priority. Where technically and economically feasible, Sandvik's goal is to reduce toxic substance use and waste streams to the greatest extent possible. Reduction activities will include:

- Ongoing improvement of the current spill and leak prevention procedures with specific emphasis on steel dust handling;
- Ongoing improvement to the current safe handling training;
- Continued improvement to the objective of recycling 100% of all metals on-site; and,
- Optimizing the use of waste steel to decrease the net negative impact on the environment of other wastes from Sandvik.

These objectives do not have a specific timeline but undergo annual review for improvement. These objectives will be accomplished while providing a safe working environment for Sandvik's employees.

## **5. DESCRIPTION OF SUBSTANCE**

In the production of steel tubing, chromium, nickel and manganese are contained in the various grades of steel processed at the Facility. These toxic substances are included in steel to improve resistance to corrosion, rust and staining. Nickel is contained in the raw steel received by the Facility and is contained in the final product leaving the Facility.

## **6. TOXIC SUBSTANCE REDUCTION OPTION TO BE IMPLEMENTED**

No options have been identified as technically or economically feasible for the reduction of nickel. This substance is required as an article component of the steel product. Sandvik has made significant progress in reducing the use and waste of metals in the past.

## **7. PLAN SUMMARY STATEMENT**

This plan summary accurately reflects the content of the toxic substance reduction plan for nickel, prepared on behalf of Sandvik, dated December 21, 2012.



**8. CERTIFICATION BY HIGHEST RANKING EMPLOYEE**

As of December 21, 2012, I, Michael Hall, certify that I have read the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the plans are factually accurate and comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Chromium  
Nickel  
Manganese

Michael Hall  
General Manager  
Sandvik Materials Technology Canada

21 December 2012  
Date

**9. CERTIFICATION BY LICENSED PLANNER**

As of December 21, 2012, I, Chris Bestfather certify that I am familiar with the processes at Sandvik 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 plans dated December 21, 2012 and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

Chromium  
Nickel  
Manganese

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December 21, 2012  
Date



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