

**Toxic Reduction Plan Summary  
under the Requirements of O. Reg 455/09 –  
Toxics Reduction Act**

**Substance : Lead (and its compounds), CAS # NA-08**

December 20, 2012

Canadian Babbitt Bearings Ltd.  
64 Dalkeith Drive  
Brantford, Ontario  
N3P 1N6

**1. FACILITY INFORMATION**

**Substance: Lead (and its compounds)**

**CAS# NA-08**

Table 1: Basic Facility Information

<b>Facility Identification and Site Address</b>		
Company Name	Canadian Babbitt Bearings Ltd.	
Facility Address	Physical Address	Mailing Address
	64 Dalkeith Drive Brantford, Ontario N3P 1N6	Same as Physical Address
Spatial Coordinates	Easting: 562148	Northing: 4780902
Number of Employees	38	
Business Number	132216862	
NPRI ID	10938	
Ontario MOE ID	9943	
<b>Parent Company Information</b>		
Parent Company Name	Not Applicable – No Parent Company	
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
2 Digit NAICS Code	33	
4 Digit NAICS Code	3327	
6 Digit NAICS Code	332710	
<b>Company Contact Information</b>		
Facility Public Contact	Brian Wilson Phone: 519-752-5471 Fax: 519-752-7890 Email: brian@cbb.ca	Same Address as Facility
Facility Technical Contact	Brian Wilson Phone: 519-752-5471 Fax: 519-752-7890 Email: brian@cbb.ca	Same Address as Facility
Company Coordinator Contact	Brian Wilson Phone: 519-752-5471 Fax: 519-752-7890 Email: brian@cbb.ca	Same Address as Facility
Highest Ranking Employee	Brian Wilson Phone: 519-752-5471 Fax: 519-752-7890 Email: brian@cbb.ca	Same Address as Facility
<b>Planner Information</b>		
Planner	Scott Manser, P.Eng. Phone: 519-966-8798 Fax: 519-966-8014 Email: smanser@ortech.ca	ORTECH Environmental 804 Southdown Rd. Mississauga, Ontario L5J 2Y4

## **2. STATEMENT OF INTENT AND OBJECTIVE**

### **Statement of Intent:**

CBB is committed to playing a leadership role in protecting the environment. Whenever feasible, CBB will reduce or eliminate the use and discharge of lead (and its compounds) in compliance with all federal and provincial regulations. CBB does not create lead (and its compounds), therefore this plan will not address reducing its creation.

### **Objective:**

CBB will strive to eliminate the use of lead (and its compounds) 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.

## **3. PROCESS DESCRIPTION**

CBB manufactures and services babbitt bearings. Babbitt alloy is deposited onto bearing casings or shells by centrifugal casting, static casting, TIG welding and metal spraying. The facility also machines both the shell surfaces and the babbitt surfaces to specific tolerances.

Lead (and its compounds) is present in the manufacture and service of babbitt bearings in the receiving stage, production stage and shipping stage. In the production stage, lead (and its compounds) is present in the Bearing Process which involves the following activities:

- Babbitt melting;
- Casting; and
- Machining.

Lead is not present in the Metal Casing Process in the production stage.

## **4. REDUCTION OPTIONS TO BE IMPLEMENTED**

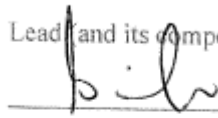
CBB was unable to identify an option to reduce the use of lead (and its compounds) that was both technically and economically feasible. Therefore, CBB will not be implementing any options at this time.

CBB will continue to investigate options to reduce the use of lead (and its compounds). If any options are identified in the future CBB will perform a technical and economical feasibility analysis to determine if the option can be implemented.

## 5. COPY OF PLAN CERTIFICATION

As of December 19, 2012, I, Brain Wilson, 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.

Lead (and its compounds) CAS # NA-08

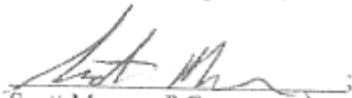


December 19, 2012

Brain Wilson  
Operations Manager, Canadian Babbitt Bearings Ltd.

As of December 19, 2012, I, Scott Manser certify that I am familiar with the processes at Canadian Babbitt Bearings Ltd 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 16, 2012 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

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December 19, 2012

Scott Manser, P.Eng.  
Toxic Substance Reduction Planner  
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