

## **BASIC FACILITY INFORMATION**

Company Name: Ainsworth Engineered Canada LP

### Contact Information:

Highest Ranking Employee: Jordain Rheault  
Site Manager  
8074872000  
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Technical Contacts: Chris Walton  
Arbora Management Services Inc.  
807.620.6094  
[chris@arbora.ca](mailto:chris@arbora.ca)

Certified Planner: Tony van der Vooren P.Eng, Ph.D, QEP  
License Number TSRP0051  
Senior Environmental Consultant  
AMEC Americas Limited  
905-403-3536  
[tony.vandervooren@amec.com](mailto:tony.vandervooren@amec.com)

Parent Company: Ainsworth Engineered Canada LP  
100% ownership

Address: 181 Nighswander Road  
Barwick, Ontario  
P0W1A0

Business Number: 899519573  
The facility's NPRI ID: 7170  
160 full time employees (equivalent).

Site Location (UTM Coordinates): Zone 15U 428219.00 m E, 5388203.00 m N

The NAICS codes applicable to the facility are:

32 – Wood product manufacturing  
3212 – Veneer, plywood and engineered wood product manufacturing  
321217 – Waferboard Mills

This Toxic Reduction plan was prepared for nitrogen oxides. Separate toxic reduction plans have been prepared for carbon monoxide, particulates (TPM, PM10, and PM2.5), methylenebis(phenylisocyanate) (MDI), polymeric diphenylmethane diisocyanate (P-MDI), methanol, acetaldehyde, acrolein, formaldehyde, cadmium and lead.

11104-93-1 Nitrogen Oxides

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

Ainsworth Engineered Canada LP (Ainsworth) is committed to playing a leadership role in protecting the environment. Wherever feasible, we will eliminate or reduce the creation and discharge of Nitrogen Dioxides in full compliance with all federal and provincial regulations. Nitrogen Oxides are created and released during the OSB manufacturing process from combustion. They are formed from the operation of the direct fired wood dryers. Nitrogen oxides are not purchased or brought to site as a raw material. Our employees are encouraged to participate in all types of toxic substance reduction activities. Toxic substance reduction will be an ongoing effort at Ainsworth, and we will continue to monitor advancements to ensure that options that are both technologically and financially viable are implemented at our facility. No current options were identified that are technically feasible or economically feasible.

## **REDUCTION OBJECTIVES**

All employees at Ainsworth will be involved in the reduction of toxic substance use, creation and releases. Our goal is to reduce the creation of nitrogen oxides where technically and economically feasible. No current options were identified that are technically or economically feasible because there were no additional viable options to reduce the creation of nitrogen oxides. Nitrogen oxides are formed through combustion from the operation of the direct fired wood dryers. Nitrogen oxides are not purchased or brought to site as a raw material.

Ainsworth is already improving their manufacturing process, on a continuous basis, to reduce their resin and wood use. Every operation has a performance objective that is evaluated on a yearly basis, to reduce resin consumption and optimize wood use. These objectives are built into site performance plans. Ainsworth also has detailed preventative maintenance and inspection program for the Combustor, Dryer and EFB system. Training and operational best practices are constantly being modified to improve efficiency.

## **PLAN SUMMARY STATEMENT**

This plan summary accurately reflects the content of the toxic substance reduction plan for nitrogen oxides prepared on behalf of Ainsworth Engineered Canada LP., dated December 13, 2013.

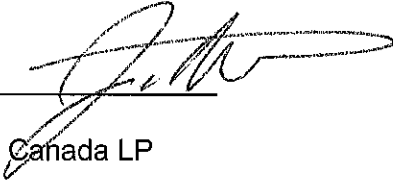
## **DESCRIPTION OF SUBSTANCE**

Nitrogen oxides are created and released during the manufacturing of OSB panels. They are formed through combustion from the direct fired wood dryers. Nitrogen oxides are not purchased or brought to site as a raw material

**CERTIFICATION OF HIGHEST RANKING EMPLOYEE**

As of December 13, 2013, I, Jordain Rheault, 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 .

11104-93-1 Nitrogen Oxides



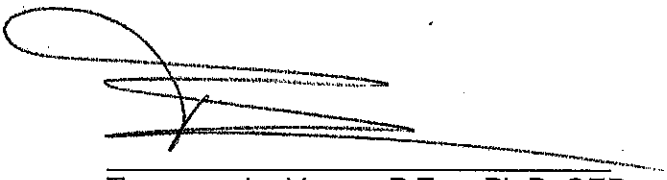
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Jordain Rheault  
Ainsworth Engineered Canada LP  
Site Manager  
Barwick, On

**CERTIFICATION OF LICENSED PLANNER**

As of December 13, 2013, I, Tony van der Vooren certify that I am familiar with the processes at the Ainsworth Engineered Canada LP Barwick facility 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 13, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

11104-93-1 Nitrogen Oxides



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Tony van der Vooren P.Eng, Ph.D, QEP  
Licensed Toxic Reduction Planner (Ontario): License Number TSRP0051  
Senior Environmental Consultant  
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