

June 8, 2020

Manitoba Conservation and Climate
Environmental Approvals Branch
1007 Century Street
Winnipeg, MB R3H 0W4

ATTN: Director / Dr. Eshetu Beshada / Alvin Dyck

Re: Notice of Alteration for 1844 Sargent Ave – Licence No. 2616 RR / Client File No. 4970.00

Please find attached a Notice of Alteration (NoA) for our Plant 3 facility at 1844 Sargent Avenue.

The alteration involves relocating processes related to compressor case repair from Plant 1 (33 Allen Dyne Road, client file: 4971.00, licence no.: 2615) to Plant 3. The processes are being transferred to Plant 3 due to structural integrity concerns with Plant 1.

Equipment/Processes being relocated:

- Qty 2 – aluminum oxide dry blast cabinets
- Qty 6 – ovens
- Qty 3 – plastic pouring machines
- Qty 1 – small paint booth
- Qty 1 – acetone spray booth
- Qty 1 – downdraft table

The change in environmental impact due to the relocation of these processes from Plant 1 to Plant 3 is insignificant; these processes do not generate wastewater, all hazardous waste generated in Plant 1 is sent to Plant 3 for disposal through a hazardous waste contractor and the equipment is only being moved approximately 90 metres.

There is an urgent business need to move these processes with minimal downtime. I am pleased to provide additional information and respond quickly to any questions you may have - I can be contacted at (204) 318-7746 or Taylor.Kirouac@StandardAero.com.

Sincerely,



Taylor Kirouac, P.Eng.
Environmental Affairs Coordinator
StandardAero

Notice of Alteration Form



Client File No. : 4970.00	Environment Act Licence No. : 2616 RR
Legal name of the Licencee: Standard Aero Limited	
Name of the development: StandardAero Plant 3	
Category and Type of development per Classes of Development Regulation: Manufacturing <SELECT>	
Licencee Contact Person: Taylor Kirouac Mailing address of the Licencee: 33 Allen Dyne Road City: Winnipeg Province: Manitoba Postal Code: R3H1A1 Phone Number: (204) 318-7746 Fax: Email: taylor.kirouac@standardaero.com	
Name of proponent contact person for purposes of the environmental assessment (e.g. consultant): Taylor Kirouac	
Phone: (204) 318-7746 Fax:	Mailing address: 33 Allen Dyne Road Winnipeg, MB R3H 1A1
Email address: taylor.kirouac@standardaero.com	
Short Description of Alteration (<i>max 90 characters</i>): Relocating equipment from Plant 1 (33 Allen Dyne Rd) to Plant 3 (1844 Sargent Ave)	
Alteration fee attached: Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>	
If No, please explain: Dr. Beshada stated that no application fee was necessary for this NoA	
Date: 2020-06-08	Signature: Printed name: Taylor Kirouac
<p>A complete Notice of Alteration (NoA) consists of the following components:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Cover letter <input checked="" type="checkbox"/> Notice of Alteration Form <input type="checkbox"/> 2 hard copies and 1 electronic copy of the NoA detailed report (see "Information Bulletin - Alteration to Developments with Environment Act Licences") <input type="checkbox"/> \$500 Application fee, if applicable (Cheque, payable to the Minister of Finance) 	
<p>Submit the complete NoA to:</p> <p>Director Environmental Approvals Branch Manitoba Sustainable Development 1007 Century Street Winnipeg, Manitoba R3H 0W4</p> <p>For more information:</p> <p>Phone: (204) 945-8321 Fax: (204) 945-5229 http://www.gov.mb.ca/sd/ea/</p>	
<p>Note: Per Section 14(3) of the Environment Act, Major Notices of Alteration must be filed through submission of an Environment Act Proposal Form (see "Information Bulletin – Environment Act Proposal Report Guidelines")</p>	

Notice of Alteration Report

1844 Sargent Avenue
Environmental Act Licence No. 2616 RR
Client File No. 4970.00

June 8, 2020

Prepared by:
Taylor Kirouac, P.Eng.
Environmental Affairs Coordinator
StandardAero



StandardAero

The Licencee, Standard Aero Limited, owns and operates the facility at 1844 Sargent Avenue known as Plant 3. The building is registered under client file No. 4970.00 and Environment Act Licence No. 2616 RR.

Background

StandardAero Winnipeg operates several facilities which are located in close proximity to the Winnipeg Richardson International Airport. Plant 1, located at 33 Allen Dyne Road, is an older building which requires increasing amounts of resources to maintain. Due to structural integrity concerns and increasing costs with building maintenance, preparation has commenced to relocate equipment and processes from Plant 1 to other StandardAero buildings. Plant 3 has been selected as the new location for equipment and processes from the Plant 1 Compressor Case Cell. Plant 1 is physically connected to Plant 3 (1844 Sargent Avenue), the buildings share some utilities, and were previously on the same Environment Act Licence.

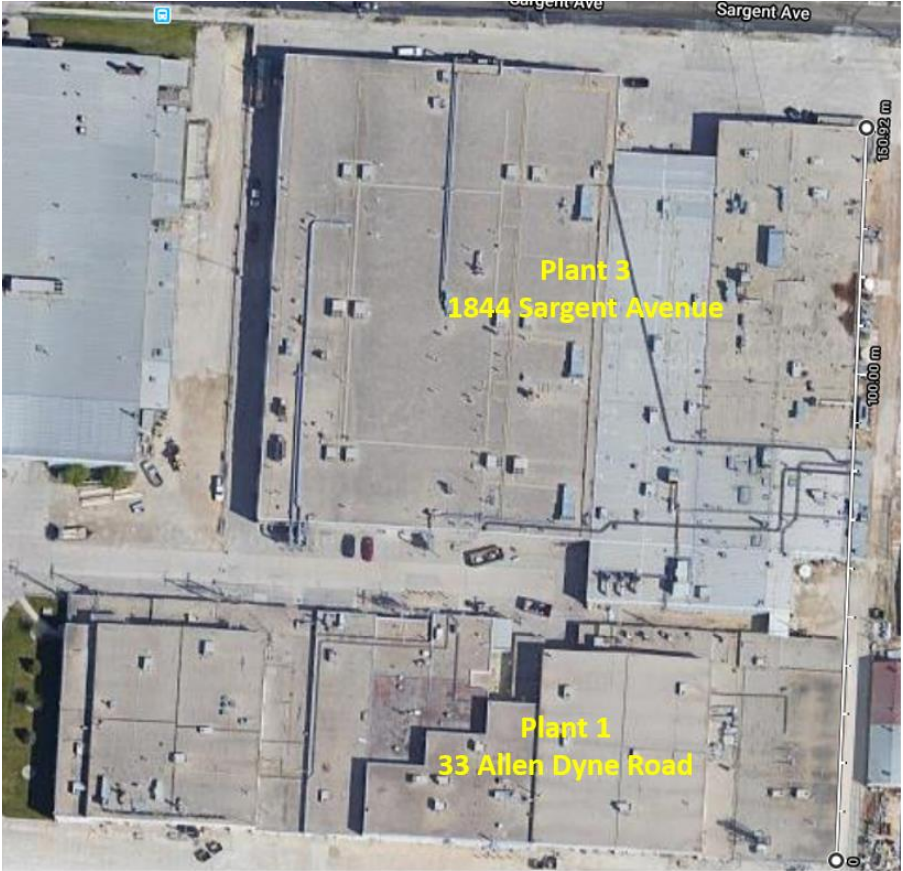


Figure 1 Locations of StandardAero Plant 1 and Plant 3

Equipment/Processes Moving From Plant 1 to Plant 3

The equipment being relocated to Plant 3 is used to repair the compressor case. The equipment is required to prepare the surface of the case, apply protective coatings and promote the curing process.

Process/Category	Equipment	Use
Dry Blast Cleaning	120 grit Aluminum Oxide Blast Cabinet	Used to prepare the case for coating application
	240 grit Aluminum Oxide Blast Cabinet	Used to prepare the case for coating application
Oven	Leak Check Oven (kitchen oven)	Used to cure any plastic added after performing the leak check
	Paint oven	Used to cure paint applied to compressor case
	Air circulating oven	Used to cure plastic compressor case lining
	Kitchen Oven	Used to heat up substrates used in plastic process
	Burn-Off Oven	Used to burn-off previously applied plastic coating
	Air circulating oven	Use to heat treat the cases
Plastic Coating	Plastic Pouring Machine #1	Used to heat and rotate the compressor case as the plastic mixture is applied
	Plastic Pouring Machine #2	Used to heat and rotate the compressor case as the plastic mixture is applied
	Plastic Pouring Machine #3	Used to heat and rotate the compressor case as the plastic mixture is applied
Paint	Small Paint Booth	Used to paint the compressor case
Chemical Cleaning	Acetone Spray Booth	Used to clean the equipment used during the plastic application process and to remove any excess plastic from the compressor case
Dust Control	Downdraft table	Used to control any dust generated from sanding or filing down the plastic on the case

Conclusion

Moving equipment from Plant 1 to Plant 3 will have no impact on our wastewater discharge profiles; all wastewater generated by Plant 1 is currently being pumped to Plant 3 for treatment and the processes being relocated do not generate wastewater. All hazardous waste generated in Plants 1 and 3 is picked up by a licensed hazardous waste contractor from Plant 3. The processes will be relocated approximately 90 metres from their current locations making the change in environmental impact due to air emissions insignificant. Future work volume is expected to remain the same or decrease for these processes. The change in environmental impacts from moving equipment from Plant 1 to Plant 3 are insignificant due to the close proximity of the buildings and the sharing of resources.