

**FORM 9**  
**CERTIFICATE OF SUBSTANTIAL PERFORMANCE OF THE**  
**CONTRACT UNDER SECTION 32 OF THE ACT**

*Construction Act*

\_\_\_\_\_  
(County/District/Regional Municipality/Town/City in which premises are situated)

\_\_\_\_\_  
(street address and city, town, etc., or, if there is no street address, the location of the premises)

This is to certify that the contract for the following improvement:

\_\_\_\_\_  
(short description of the improvement)

to the above premises was substantially performed on \_\_\_\_\_ .  
(date substantially performed)

Date certificate signed: \_\_\_\_\_

\_\_\_\_\_  
(payment certifier where there is one)

\_\_\_\_\_  
(owner and contractor, where there is no payment certifier)

Name of owner: \_\_\_\_\_

Address for service: \_\_\_\_\_

Name of contractor: \_\_\_\_\_

Address for service: \_\_\_\_\_

Name of payment certifier (where applicable): \_\_\_\_\_

Address: \_\_\_\_\_

(Use A or B, whichever is appropriate)

☐ A. Identification of premises for preservation of liens:

\_\_\_\_\_  
(if a lien attaches to the premises, a legal description of the premises,  
including all property identifier numbers and addresses for the premises)

☐ B. Office to which claim for lien must be given to preserve lien:

\_\_\_\_\_  
(if the lien does not attach to the premises, a concise description of the premises, including addresses,  
and the name and address of the person or body to whom the claim for lien must be given)

August 17, 2023

Diefenbunker – Canada's Cold War Museum  
Christine McGuire | Executive Director  
3929 Carp Rd, P.O. Box 466,  
Carp, ON,  
K0A 1L0

via email: [c.mcquire@diefenbunker.ca](mailto:c.mcquire@diefenbunker.ca)

Dear Ms. McGuire

**Re: Substantial Completion for HVAC upgrades at the  
Diefenbunker Cold War Museum, Carp, ON**

Based on the closeout site visit on Monday June 19<sup>th</sup>, 2023, the work performed by Modern Niagara Ottawa for the above project is deemed to be substantial complete as of August 17<sup>th</sup>, 2023.

Listed deficiencies identified upon site visit June 19<sup>th</sup>, 2023, were:

- 1 Ductwork installed on L400 to be sealed and insulated.
- 2 Electrical panel legends to be updated for all non-emergency panels. Maintain existing legend. Provide new typed legend for all affected panels.
- 3 Adjust access door for heating coil access. Currently very difficult to open.
- 4 Add CO2 readings and setpoints to damper graphics.
- 5 Add filter pressure drop monitoring on filter bank in L200 mechanical room.
- 6 Determine minimum practical OA damper position setpoint. The design calls for 30% of total flow. Currently set for 30% position. This was explained to be due to minimum flow requirements for the condenser.
- 7 Adjust the door for new panel DP-M. Currently very difficult to open.
- 8 Confirm old lighting circuits that remained on are not spares and update panel schedules for loading type that remains.
- 9 Fire wall penetration to be sealed around new supply from panel EM-1 to panel EP-1D (previously LP-1D) in the main electrical room on the 100 Level.

All items have since been addressed by Modern Niagara Ottawa.

No operational problems were reported by Diefenbunker personnel, and the systems were left in full operational mode.

Sincerely,  
Morrison Hershfield Limited



Greg Hebb, P. Eng.  
*Department Manager – Ottawa M&E*  
*Project Manager, Mechanical Engineer, Principal*

A handwritten signature in black ink, appearing to read "Léo Paitich".

Léo Paitich, E.I.T.  
*Backup Project Manager,*  
*Mechanical Designer*

CC: Tobie Champion-Demers, Diefenbunker, [t.champion-demers@diefenbunker.ca](mailto:t.champion-demers@diefenbunker.ca) ; Josh Frey, Modern Niagara Ottawa, [JFrey@modernniagara.com](mailto:JFrey@modernniagara.com)

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