

Operations Division Occupational Health and Safety

Field Visit Report

Page 1 of 3

OHS Case ID: **04319RJHN170**  
 Field Visit no. **04319RJHN171** Visit Date: **2022-MAY-05** Field Visit Type: **INITIAL**  
 Workplace Identification: **CARLETON UNIVERSITY: MAINTENANCE BUILDING** Notice #:  
**1125 COLONEL BY DRIVE, OTTAWA, ON, CANADA K1S 5B4**

Telephone: **(613) 231-4321** JHSC Status: **Active** Work Force #: **2** Completed %: **100**

Persons Contacted: **SUE MADLEY, HEAD ENGINEER, JOHN KAVANAGH, JHSC MEMBER**  
 Visit Purpose: **TO GATHER INFORMATION IN REGARDS TO A COMPLAINT RECEIVED AT THIS LOCATION**  
 Visit Location: **NEW BOILER AREA**  
 Visit Summary: **ONE ORDER ISSUED**

**Detailed Narrative:**

I attended this location in response to a complaint that was received by the MLTSD. The complaint alleges that workers were replacing a valve on the boiler and were repelling down to access the boiler.

I met with the workplace parties to discuss the work that was taking place on the boiler. Yesterday the valve was replaced and the work is now complete.

We discussed the work activities that had taken place to replace the valve. There was no evidence or witness to a worker repelling to the valve. There are 4 access ladders to the top of the boiler system. On the west side there is a 12 rung fixed ladder, a fixed ladder with a cage around it and on the east side there is a 11 rung fixed ladder and a 16 rung fixed ladder. The ladders on the east side do not have cages. An order was issued to the employer to ensure the ladder over 5m on the east side has a safety cage commencing not more than 2.2 metres above grade, floor or landing and continuing at least ninety centimetres above the top landing.

While the work is complete at this time, should workers need to access the valves on top of the boiler structure there is no fall protection plan in place to protect workers from a fall. If there are construction activities taking place (see the OHS Act for construction definition) then the following section of O. Reg 213/91 applies:

26.1 (1) A worker shall be adequately protected by a guardrail system that meets the requirements of subsections 26.3 (2) to (8). O. Reg 145/00, s. 12.

(2) Despite subsection (1), if it is not practicable to install a guardrail system as that subsection requires, a worker shall be adequately protected by the highest ranked method that is practicable from the following ranking of fall protection methods:

1. A travel restraint system that meets the requirements of section 26.4.
2. A fall restricting system that meets the requirements of section 26.5.
3. A fall arrest system, other than a fall restricting system designed for use in wood pole climbing, that meets the requirements of section 26.6.
4. A safety net that meets the requirements of section 26.8.

Workers will need both Working at Heights Training and System Specific Training. Two types of fall protection

Recipient	Inspector Data	Worker Representative
Name: _____	<b>ARIS FINNISON</b> O.H.S.A. & B.O.S.T.A. INSPECTOR PROVINCIAL OFFENCES OFFICER 347 Preston St. 4th flr, Ottawa, ON, K1S 3J4 HSOttawaDistrict@ontario.ca Tel: (613) 220-3255 Fax: (613) 777-2700	Name: _____
Title: _____		Title: _____
Signature: _____	Signature: 	Signature: _____

For the purposes of the Occupational Health and Safety Act to post a copy of this report in a conspicuous place at the workplace and provide a copy to the health and safety representative or the joint health and safety committee if any. Failure to comply with an order, decision or requirement of an inspector is an offence under section 32 of the Occupational Health and Safety Act. You have the right to appeal any order or decision within 30 days of the date of the order issued and to request suspension of the order as decided by filing your appeal and request in writing on the appropriate forms with the Ontario Labour Relations Board, 505 University Ave., 2nd Floor, Toronto, Ontario M5G 1S1. You may also contact the board by phone at (416) 593-3500 or 1-877-398-3935 toll free, mail or by website at <https://www.sro.gov.on.ca/eng/ehs/homepage.htm> for more information.

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Notice ID:

training and oral and written instructions for the system in use.

The first type of training [subsection 26.2 (1)] is to ensure that a worker who may use a particular fall protection system is adequately trained by a competent person in the use of that particular system. This would include making sure the worker knows how to:

- Inspect each system component for defects
- Set up the fall protection system correctly
- Use the fall protection system according to manufacturer's instructions
- Identify and respect the fall protection system's limitations
- Determine the total fall distance and the system's deployment distance to avoid bottoming out or striking another object or surface should a fall occur
- Participate in a rescue should a fall be arrested

System Specific Training: Since each fall protection system is unique in its parts and how it is arranged, (depending on the height of the potential fall, the location of available anchor points, obstructions below the work area, potential swing fall hazards, leading edge hazards, the equipment selected, system limitations, rescue procedures, etc.,) the corresponding training and oral and written instructions must address each of these factors.

Should maintenance workers need to access the top of the boiler system, outside of a walk way then the following section from O. Reg 851 applies:

13. (1) Subject to subsection (2), there shall be a guardrail,

(b) at an open side of,

(i) a raised floor, mezzanine, balcony, gallery, landing, platform, walkway, stile, ramp or other surface, and

(2) If there is no guardrail in a situation described in subsection (2), an employer shall develop and implement other measures and procedures to protect workers from the hazard of falling.

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Name _____	<b>ARIS FINNISON</b> O.H.S.A. & B.O.S.T.A. INSPECTOR PROVINCIAL OFFENCES OFFICER 347 Preston St. 4th flr, Ottawa, ON, K1S 3J4 HSOttawaDistrict@ontario.ca Tel: (613) 220-3755 Fax: (613) 777-2900	Name _____
Title _____		Title _____
Signature _____	Signature 	Signature _____

(1) The recipient under the Occupational Health and Safety Act to post a copy of the report in a conspicuous place at the workplace and provide a copy to the health and safety representative or the joint health and safety committee if any, in order to comply with an order, decision or requirement of an inspector is an offence under Section 66 of the Occupational Health and Safety Act. You have the right to appeal an order or decision within 30 days of the date of the order issued and to request suspension of the order or decision by filing an appeal and request in writing on the appropriate forms with the Ontario Labour Relations Board, 505 University Ave., 2nd Floor, Toronto, Ontario M5G 2P1. You may also contact the board by phone at (416) 591-7213 or 1-877-391-8335 (toll free), mail or by internet at <http://www.oltro.gov.on.ca/english/homepage.htm> for more information.

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Notice ID:

Order(s) /Requirement(s) Issued To:

To: **CARLETON UNIVERSITY**

Org/Ind Role  
**Owner**

Mailing Address:

**1125 COLONEL BY DR, 603, OTTAWA, ON, CA K1S 5R1**

Order(s) /Requirement(s) Description:

You are required to comply with the order(s) /requirement(s) by the dates listed below.

No	Type Code	ActReg	Year	Sec.	Sub Sec.	Clause	Text of Order/Requirement	Comply by Date
1	Time	OHSA	1990				At the time of this inspection there was a 16 rung fixed ladder on the east side of the boiler in the maintenance plant (new section) that did not have a cage around the fixed ladder. The employer shall ensure an access ladder fixed in position, where the ladder extends over five metres, above grade, floor or landing, have a safety cage commencing not more than 2.2 metres above grade, floor or landing and continuing at least ninety centimetres above the top landing. This order shall be complied with by the date given.	2022-MAY-13
04319RJHN172	851	1990	18	1	d			

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