Ministry of Labour  Safe At Work

Operations Division
OHS Case ID: 03920KDLQG022 Field Visit no: 03920KDLQG023
Field Date: 2016-FEB-17 Field Visit Type: INITIAL
Workplace Identification: McMaster University
1280 Main Street West, Hamilton, ON, Canada L8S 4K1
Telephone: (905) 525-9140 JHSC Status: Active Work Force #: 4000

Persons Contacted: Chris Hurley - OHS, Lisa Morine - OHS Manager, Scott Bennett - Supervisor, Joe Emberton - Director of Engineering Operations and Jim McAndrew - Worker Representative
Visit Purpose: Enforcement of the Occupational Health and Safety Act and the Regulations
Visit Location: E T Clarke Building
Visit Summary: Orders Issued

Detailed Narrative:
This Inspector attended the workplace and contacted Chris Hurley - OHS, Lisa Morine - OHS Manager, Scott Bennett - Supervisor, Joe Emberton - Director of Engineering Operations and Jim McAndrew - Worker Representative.

The E T Clarke Building houses the power generation for the university.

A proactive inspection of the maintenance areas was conducted using the Guarding Blitz as a guide.

The work area is noisy and hearing protection as well as Safety Eyewear are required.

All visitors attend the Control Room to sign in.

Inspection
On the mezzanine, there is an opening in the grating that presents a hazard to the worker should the worker step there and go through the grating. ORDER ISSUED

There were high voltage panels that were missing screws, bolts while other panels had loose closures and allowed access to the high voltage. It would be reasonable for the employer to take the precaution of ensuring that the high voltage panels are secured to protect the workers from the hazard of electrical shock. ORDER ISSUED.

An eyewash/deluge shower was tested in the chemical storage area and although it worked, some of the features were clogged and less effective.

Formic Acid is used to clean some of the scaling in the pipes. A review of the Material Safety Data Sheet showed it was mutagenic, a skin sensitizer and explosive under certain conditions including exposure to clean
There is a tunnel system. A door leading to this tunnel system indicates that there are Dangers that require authorized personnel and respirators to enter. The door was wide open and the sign on the other side of the door indicates that it should be open at all times. Due to the presence of Mycotoxins, keeping the door open to a restricted area raises questions. The employer had the door closed and will be assessing the requirements for entry into this area.

An annual test for mould is conducted in the tunnels and notes that Stachybotrys Chartarum is present, in a controlled environment, and levels have not changed since the last test.

There are two junction boxes above the door which are missing covers. The employer indicated that these will be replaced.

A discussion concerning the JHSC and monthly inspections took place and how they can identify the hazards in a more timely manner than this Inspector can.
Field Visit Report

Ontario

Page 3 of 3

Ministry of Labour
Operations Division

Safe At Work

OHS Case ID: 03920KDLQ022
Field Visit no.: 03920KDLQ023
Visit Date: 2016-FEB-17
Field Visit Type: INITIAL

Workplace Identification: MCMASTER UNIVERSITY
1280 MAIN STREET WEST, HAMILTON, ON, CANADA L8S 4K1

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

MCMASTER UNIVERSITY

Mailing Address:
1280 MAIN ST WEST, HAMILTON, ON, CANADA L8S 4L8

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

<table>
<thead>
<tr>
<th>No</th>
<th>Type</th>
<th>ActReg</th>
<th>Year</th>
<th>Sec</th>
<th>Sub Sec</th>
<th>Clause</th>
<th>Text of Order/Requirement</th>
<th>Comply by Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Time</td>
<td>OHSA 1990</td>
<td>25</td>
<td>2</td>
<td>h</td>
<td>The employer shall take every precaution reasonable in the circumstances for the protection of a worker. It would be reasonable for the employer to take the precaution of protecting the worker from the hazard of their foot going through the opening in the grating on the mezzanine.</td>
<td>2016-MAR-17</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Time</td>
<td>OHSA 1990</td>
<td>25</td>
<td>2</td>
<td>h</td>
<td>The employer shall take every precaution reasonable in the circumstances for the protection of a worker. At the time of this inspection, there were high voltage panels that were missing screws, bolts while other panels had loose closures and allowed access to the high voltage. It would be reasonable for the employer to take the precaution of ensuring that the high voltage panels are secured to protect the workers from the hazard of electrical shock.</td>
<td>2016-MAR-02</td>
<td></td>
</tr>
</tbody>
</table>

Recipient

Inspector Data
ANDREW TIN
OCCUPATIONAL HEALTH & SAFETY INSPECTOR
PROVINCIAL OFFENCES OFFICER
119 King St W, 14th Fl., Hamilton, ON, L8P 4Y7
MOLHSHamiltonWest@ontario.ca
Tel: (905) 577-8389
Fax: (905) 577-1324

Worker Representative

Name
Title
Signature

You are required under the Occupational Health and Safety Act to post a copy of this report in a conspicuous place of 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 66 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 or decision 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 2P1. You may also contact the Board by phone at (416) 316-7500 or 1-877-359-3938 (toll free), mail or by website at https://www.olrb.gov.on.ca/english/homepage.htm for more information.