



# WORKERS' COMPENSATION BOARD

INDUSTRIAL HYGIENE DEPARTMENT

Telephone 266-0211  
Telex 04-507765

5255 Heather Street,  
Vancouver, B.C., V5Z 3L8

*file*

January 10, 1975

Association of University and College Employees  
Local No. 1  
2162 Western Parkway  
Vancouver 8, B. C.

Dear Sirs:

Enclosed is a copy of Inspection Report No. 750004 issued to the University of British Columbia, Woodward Biomedical Laboratory on January 9, 1975.

Yours truly,

N. D. Heaslip  
Supervising Industrial Hygienist  
Industrial Hygiene Department

NDH:mm

Encl.

RECEIVED

JAN 14 1975

**A. U. C. E.**



**WORKMEN'S  
COMPENSATION  
BOARD**

OF BRITISH  
COLUMBIA  
5255 Heather Street,  
Vancouver 13, B.C.,  
Telephone 266-0211,  
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Woodward Biomedical Laboratory  
The University of British Columbia

Inspection Report 750004

In conformity with requirements of the Workmen's Compensation Act the Board directs that one copy of this statement be posted in a conspicuous place at or near the operation inspected.

The University of British Columbia  
Point Grey Campus  
Vancouver, B. C.

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JAN 14 1975

Portion inspected Circulation Area on

October 1, 1974 and January 6, 1975

Portion inspected appears to conform to the requirements of the Accident Prevention Regulations (except as noted)

A. U. C. E.

A lighting survey was conducted on these visits to inspect the quality and quantity of the lighting in relation to the visual tasks of the employees in the circulation department. Accident Prevention Regulation 8.44 applies.

Results:

1. Visual tasks are a major portion of the activities of the workers in this area. Materials read include much finely printed material such as indices and reduced computer print outs.
2. With the exception of the basement Xerox area, the quantity of lighting is adequate to the visual tasks in all areas inspected. This includes the areas illuminated by the continuous lines of 2 tube, 4 foot, recessed, ceiling, delux white, fluorescent tubes with diffuser shields in the circulation central area and the morgue and mail room in the basement.
3. The basement Xerox area is inadequately lighted with 7 to 10 foot candles on the visual tasks.

Continued ...

**WORKMEN'S COMPENSATION BOARD**

Date January 9, 1975

Per G. Hewitt

Industrial Hygienist

Address all communications to the Director, Industrial Hygiene Department. Please quote your firm number and inspection report number on all correspondence.

Important: You are required to correct the health hazards specified above without delay and within two weeks notify the Board in writing of action taken. Special assessment rates or other penalties may be applied for failure to comply with orders of the Board.

Results: Continued -

4. Contrasts in the light intensity of the visual fields are not excessive with the possible exception of the general open area where the workers are required to look up at long unbroken lines of luminaires. Even here complaints of eye strain are likely the natural consequence of heavy visual tasks rather than lighting faults. Complaints of sore eyes are more predominant in the workers exposed in the open area.

Recommendations:

1. The poor lighting in the basement Xerox area can probably be corrected by the use of a student lamp or other suitable table lamp placed on top of the machine as discussed.
2. Some type of drop-board or other shield might be employed to break the visual effect of the long line of bright luminescence which workers in the open area are subject to in glancing up to check the situation at the service counter.

INSTRUCTIONS:

- Order #1 The lighting in the basement Xerox area shall be increased to a minimum of 70 foot candles on the work surfaces as specified for reading or transcribing tasks in offices.

*Gordon Hewitt*

G. Hewitt  
Industrial Hygienist  
Industrial Hygiene Department  
GH:mm