

6951 Westminster Highway, Richmond, BC
 Mailing Address: PO Box 5350, Vancouver BC, V6B 5L5
 Telephone 604 276-3100 Toll Free 1-888-621-7233 Fax 604 276-3247

The *Workers Compensation Act* requires that the employer must post a copy of this report in a conspicuous place at or near the workplace inspected for at least seven days, or until compliance has been achieved, whichever is the longer period. A copy of this report must also be given to the joint committee or worker health and safety representative, as applicable.

Inspection Report #201615891019A		
Employer Name	Jobsite Inspected	Scope of Inspection
PROVINCIAL GOVERNMENT (WORKERS'COMP CO-ORDINATOR)	Fraser Regional Correct. Centre 13777 - 256 St. Maple Ridge BC	Meeting

Date of Initiating Inspection	Date of This Inspection	Delivery Date of This Report	Delivery Method
Mar 21, 2016	Mar 21, 2016	Mar 31, 2016	Email

THERE IS ONE (1) ORDER OR OTHER ITEM OUTSTANDING

ACTION REQUIRED

Summary of Orders or other Items		
See "Orders/Items – Full Details" section of this Inspection Report for orders/items cited		
Order/Item No.1 <input checked="" type="checkbox"/>	Status: Closed	Cited: OHS32.3(1)
Order/Item No.2 <input checked="" type="checkbox"/>	Status: Closed	Cited: OHS32.2(1)
Order/Item No.3 <input type="checkbox"/>	Status: Outstanding	Cited: WCA115(2)(e)
Notice of Compliance Required.		

ORDER STATUS LEGEND	
Order Status	Description
Outstanding	Order Outstanding - Action Required to Achieve Compliance
Complied	Compliance Achieved - No Further Action Required
Closed	Order is Closed
Rescinded	Order has been cancelled – No Further Action Required

INSPECTION NOTES

This Inspection report results from a meeting conducted with the employer and worker representatives on March 21, 2016, review of the circumstances related to a fire that occurred in the Segregation Unit on January 20, 2016, review of applicable SOPs and the employer's incident investigation report.

As a result of the above meeting and review, 3 violation orders are issued on this report. Refer to the order text for observations and specific compliance requirements. Note: Order #3 on this report requires the employer to provide a Notice of Compliance to me by April 21, 2016, outlining the steps to be taken, and the time frame required, to comply with this order.

Background:

B.C. Corrections Branch has determined that Self-Contained Breathing Apparatus (SCBA) will not be available to workers at this site, at this time. In October, 2012 the employer provided the following Notice of Compliance documentation to WorkSafeBC regarding their fire response procedures:

"... A change in policy is being implemented regarding FRCCs fire response procedures. The policy is being amended to reflect that in the event of a fire, staff will follow the one extinguisher rule, if safe to do so. Following the deployment of product from the extinguisher if the fire is not extinguished and/or staff assess the fire cannot be extinguished with the use of a fire extinguisher they will evacuate from the fire location. Full fire contingency plans will come into effect; suppression of the fire will be the responsibility of the local fire department.

Evacuation protocols for inmates remaining on the unit will be in compliance with our standard operating procedures, where the living units will be asked to evacuate to a safe area (opposite living unit and courtyard). Inmates will be directed off the living units through the use of intercoms, CCTV, remote door access, etc. Officers will not be present and on the unit, safeguarding them from exposure to smoke and fire...."

Determination of Appropriate Personal Protective Equipment (PPE):

OHS Regulation 5.55 states that if there is a risk to a worker from exposure to a hazardous substance by any route of exposure the employer must eliminate the exposure, or otherwise control it below harmful levels and below the applicable exposure limit established under section 5.48 by substitution, engineering control, administrative control or personal protective equipment. Since the nature of many fire and smoke occurrences, which may contain unknown concentrations of gases or vapours, does not allow for substitution, engineering or administrative controls, the employer must ensure appropriate PPE is selected and used.

OHS Regulation 8.3 states personal protective equipment must be selected and used in accordance with recognized standards, and provide effective protection. In accordance with OHS Regulation 8.33 the recognized standard for the selection and use of an appropriate respirator is CSA Standard CAN/CSA-Z94.4-93. Section 6.3.2.3 of this standard states that if a worker is entering into an area with an unknown concentration of gases or vapours, such as what occurred during the fire incident on January 20, 2016, then the appropriate respiratory protection is positive-pressure SCBA or combination positive-pressure supplied-air respirator with positive-pressure SCBA.

One Fire Extinguisher Rule:

The employer's fire response procedures allow for the deployment of product from a single fire extinguisher, if safe to do so. It is understood that the worker deploying the fire extinguisher may not be wearing an appropriate respirator, therefore, depending on the nature of the fire and smoke a worker may be exposed to harmful concentrations of gases, vapours, or particulates.

To address this concern the employer must have an assessment conducted by a qualified person(s) to determine the efficacy and limitations for the use of one fire extinguisher in controlling/extinguishing a fire with consideration given to identifying and documenting the types of fires one extinguisher can be safely used on before workers, who may not be wearing an appropriate respirator, are exposed to a risk of injury from exposure to any unknown concentrations of gases, vapours and particulates that may be emitted by the fire and/or smoke. See Order #3 for additional measures required to ensure compliance.

If there are any questions regarding the items noted in this Inspection Report, or to forward any documentation that may be requested in this Inspection report, please contact:

Allan Goodman
Occupational Safety Officer
Prevention Field Services - Burnaby/Coquitlam
WorkSafeBC
#104 - 3020 Lincoln Avenue,
Coquitlam, BC V3B 6B4

Phone: (604) 232-1936
Fax : (604) 232-1946
Email : allan.goodman@worksafebc.com

WorkSafeBC has a wide range of health and safety information. For assistance and information on workplace health and safety visit our website at www.worksafebc.com.

To report a serious accident/incident or major chemical release call:
(604) 276-3100 in the Lower Mainland
1 (888) 621-7233 toll-free within B.C.

To report after hours safety and health emergencies, call 1 866 922-4357

ORDERS/ITEMS**An employer who fails to comply with Part 3 of the *Workers Compensation Act*, the *Occupational Health & Safety Regulation*, or WorkSafeBC orders may be subject to monetary or other sanctions as prescribed by the *Workers Compensation Act*.****Orders/Items - Full Details**

Order/Item No.1 <input checked="" type="checkbox"/>	Status: Closed	Cited: OHS32.3(1)
<p>On January 20, 2016 a fire occurred in one of the Segregation Unit cells at this workplace. Workers assigned to control the fire and assist in the evacuation of inmates from the fire and smoke affected areas, that contained unknown concentrations of gases, vapours and particulates, were not wearing appropriate respirators in accordance with the requirements of CSA Standard Z94.4-93. These workers were at risk of injury from exposure to unknown concentrations of gas and vapours contained in the smoke and fire.</p> <p>As per CSA Standard Z94.4-93 the appropriate respirator in this instance was positive-pressure SCBA or combination positive-pressure supplied-air respirator with positive-pressure SCBA.</p> <p>This is in contravention of the Occupational Health and Safety Regulation Section 32.3(1).</p> <p>Workers performing rescue or evacuation must wear personal protective clothing and equipment appropriate to the hazards likely to be encountered.</p> <p><u>Measures to Ensure Compliance:</u> This order is now closed as the circumstances leading to this violation occurred in the past. Refer to Order #3 for measures to ensure ongoing compliance.</p>		
Order/Item No.2 <input checked="" type="checkbox"/>	Status: Closed	Cited: OHS32.2(1)
<p>On January 20, 2016 a fire occurred in one of the Segregation Unit cells at this workplace. Workers assigned to assist in the control and evacuation of inmates from the fire and smoke affected areas entered these areas without appropriate respiratory protection putting themselves at a risk of injury from exposure to unknown concentrations of the gas, vapours and particulates in the fire and smoke.</p> <p>The employer failed to ensure that the workers assigned to assist in the evacuation of inmates from the fire and smoke affected areas were adequately trained in the employer's existing procedures which specifies that in the event of a fire inmates will be directed off the units through the use of intercoms, CCTV, remote door access, etc. Therefore workers may not have been required to enter these areas beyond the use of one extinguisher, and only if the use of an extinguisher was deemed safe.</p> <p>This is in contravention of the Occupational Health and Safety Regulation Section 32.2(1).</p> <p>Workers designated to provide rescue or evacuation services must be adequately trained.</p> <p><u>Measures to Ensure Compliance:</u> This order is now closed as the circumstances leading to this violation occurred in the past. Refer to Order #3 for measures to ensure ongoing compliance.</p>		

Orders/Items - Full DetailsOrder/Item No.3 Status: **Outstanding**Cited: **WCA115(2)(e)**

With respect to the evacuation of workers and/or inmates from a fire and/or smoke affected area(s), where the concentration of gases, vapours and particulates emitted from the smoke and/or fire may be unknown, the employer has not provided their workers with adequate information, instruction, training and supervision to ensure the health and safety of those workers in carrying out their work.

Evidence of this includes, but is not limited to, the following:

- 1) Workers were permitted to enter a fire and smoke affected area without the use of an appropriate respirator, as documented in Order #1 of this report.
- 2) Workers were permitted to enter a fire and smoke affected area where it was evident there was a lack of training provided to these workers in the employer's existing written procedures, which did not necessarily require workers to enter these areas, as documented in Order #2 on this report.
- 3) In consideration of the fact that:
 - a) SCBAs are no longer available at this workplace,
 - b) The local fire department have stated they will not respond to a fire in an inmate occupied area until the inmates are secured and,
 - c) The employer's procedures for evacuation of inmates from fire and/or smoke affected areas, where there may be unknown concentrations of gases, vapours and particulates, do not address what the procedure will be if the use of intercom, CCTV, remote door access, etc. is compromised by fire damage, to ensure workers, who may be required to enter these areas, are not exposed to potentially harmful gases, vapours and particulates.

This is in contravention of the Workers Compensation Act Section 115 (2)(e).

An employer must provide to the employer's workers the information, instruction, training and supervision necessary to ensure the health and safety of those workers in carrying out their work and to ensure the health and safety of other workers at the workplace.

Measures to Ensure Compliance:

The employer is ordered to complete the following:

- 1) Have an assessment conducted by a qualified person(s) to determine the efficacy and limitations for the use of one fire extinguisher in controlling/extinguishing a fire with consideration given to identifying and documenting the types of fires one extinguisher can be safely used on before workers, who may not be wearing an appropriate respirator, are exposed to a risk of injury from exposure to any unknown concentrations of gases, vapours and particulates that may be emitted by the fire and/or smoke.
- 2) Amend their written procedures for the use of fire extinguishers to address the outcome of the assessment conducted above, and provide workers adequate instruction and training in these amended procedures.
- 3) Amend their procedures for the evacuation of inmates from a fire and/or smoke affected area(s) to identify the procedures workers are to follow should the use of intercom, CCTV, remote door access, etc. be compromised, and provide workers required to conduct these tasks adequate instruction and training in these amended procedures.

Pursuant to section 194 (1) of the Workers Compensation Act, the employer must prepare a Notice of Compliance report. In accordance with section 194 (2), this report must detail what has been done to comply with the order, and where compliance has not been achieved by the time the report has been submitted, include a plan of what will be done to comply and when compliance will be achieved. Please submit the report no later than **April 21, 2016**.

See the Inspection Notes section of this report for additional information related to this order.



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INSPECTION REPORT
Worker and Employer Services Division
201615891019A

REFERENCES

In addition to any orders, or other items, and the information provided in the Inspection Notes section in this Inspection Report, the officer may discuss other health and safety issues with the employer arising out of the inspection. The information below sets out the health and safety requirements discussed with the employer, and unless otherwise noted, violations of these requirements were not observed.

Reference	Details Discussed
<p>WCA194(1)</p> <p>This Inspection Report contains one or more orders requiring you to submit a Notice of Compliance report. This report must be prepared in accordance with section 194(2) of the Workers Compensation Act.</p>	Notice of Compliance
<p>WCA194(2)</p> <p>The employer or other person directed by an order under subsection (1) must prepare a compliance report that specifies:</p> <ul style="list-style-type: none"> (a) what has been done to comply with the order, and (b) if compliance has not been achieved at the time of the report, a plan of what will be done to comply and when compliance will be achieved. 	Notice of Compliance
<p>OHS8.33(1)</p> <p>The employer, in consultation with the worker and the occupational health and safety committee, if any, or the worker health and safety representative, if any, must select an appropriate respirator in accordance with CSA Standard CAN/CSA-Z94.4-93, Selection, Use, and Care of Respirators.</p>	See Inspection Notes for discussion.
<p>OHS8.3(1)(a)</p> <p>Personal protective equipment must be selected and used in accordance with recognized standards, and provide effective protection.</p>	See Inspection Notes for discussion.
<p>OHS5.55(1)</p> <p>If there is a risk to a worker from exposure to a hazardous substance by any route of exposure, the employer must eliminate the exposure, or otherwise control it below harmful levels and below the applicable exposure limit established under section 5.48 by</p> <ul style="list-style-type: none"> (a) substitution, (b) engineering control, or (c) administrative control, (d) personal protective equipment. 	See Inspection Notes for discussion

Employer #	Mailing Address	Classification Unit #	Operating Location
4000	WORKERS' COMPENSATION PROGRAMS BC PUBLIC SERVICE AGENCY PO BOX 9404 STN PROV GOVT VICTORIA BC V8W 9V1	841102	031

Lab Samples Taken	Direct Readings	Results Presented	Sampling Inspection(s)	Workers onsite during Inspection	Notice of Project Number
N	N	N		60	

Inspection Report Delivered To	Employer Representative Present During Inspection	Worker Representative Present During Inspection	Labour Organization & Local
Brent Racette	Brent Racette	Jonathan Stevens	BCGEU

WorkSafeBC Officer Conducting Inspection
Allan Goodman

*Inspection Time	*Travel Time
2.75 hrs	0.75 hrs

*The time recorded above reflects the inspection time and travel time associated with this inspection report and includes time spent on pre and post-inspection activities. Additional time may be added for subsequent activity.

Right to Review

Any employer, worker, owner, supplier, union, or a member of a deceased worker's family directly affected may, within 45 calendar days of the delivery date of this report, in writing, request the Review Division of WorkSafeBC to conduct a review of an order, or the non-issuance of an order, by contacting the Review Division. Employers requiring assistance may contact the Employers' Advisers at 1-800-925-2233.

WorkSafeBC values your feedback. To obtain that feedback, an external market research provider may be contacting you to complete a survey.