



WORKING TO MAKE A DIFFERENCE

WORKERS' COMPENSATION BOARD OF BRITISH COLUMBIA
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

INSPECTION REPORT

WORKER AND EMPLOYER
SERVICES DIVISION

An employer who fails to comply with the Occupational Health & Safety Regulation or Board orders or directions is subject to sanctions as prescribed in the Workers Compensation Act.

The Occupational Health & Safety Regulation requires that one copy of this report remain posted in a conspicuous place at or near the operation inspected for at least seven days, or until compliance has been achieved, whichever is the longer period.

An affected employer, worker, owner, supplier, union or member of a deceased worker's family may, within 90 calendar days of this report, in writing, request the Review Division of the WCB to conduct a review of an order, or the non-issuance of an order, in this report by contacting the Review Division at the Board's Richmond Office. The time limit may be extended in certain circumstances. Employers requiring assistance can contact the Employers' Advisers at 1-800-925-2233--workers can contact the Workers' Advisers at 1-800-663-4261.

Date of Issue	Number	Number of Orders	Employer	Location	Classification Unit Number	Activity Time Recorded*	Travel Time Recorded*
2009/10/08	2009129920231	5	121460	002	753004	1.5	3.5

*The Time Recorded reflects only that time which has been charged to this inspection up until the document was printed for delivery. Subsequent time may be added for additional activity related to this inspection.

Number of Workers	Project Number	Site Visit Date	Lab Samples Taken	Direct Readings	Results Presented	Sampling Inspection(s)
11 - 50		2009/10/08	N	N	N	

Head Office	Job Site
MAYNE ISLAND IMPROVEMENT DISTRICT ATTN: MOIRA MCCULLOCH PO BOX 19 MAYNE BC V0N2J0	Mayne Island Firehall 520 Felix Jack Road Mayne Island BC

Portion Inspected	Jobsite
Violations	REFER TO ORDERS ON FOLLOWING PAGE(S)

Employer Representative Name	Accompanied by Employer Representative
	Steve DeRousie (Asst. Chief)
Employer Representative Position	Accompanied by Worker Representative
	not applicable
Phone Number	Organization
	not applicable
Signature	Officer of the Board / Signature
	MacFadgen, Don

Regulation(s) Referenced in Inspection Text

OHS5.38.(2), OHS6.34.(1)

An employer who fails to comply with the Occupational Health & Safety Regulation or Board orders or directions is subject to sanctions as prescribed in the Workers Compensation Act.

The Occupational Health & Safety Regulation requires that one copy of this report remain posted in a conspicuous place at or near the operation inspected for at least seven days, or until compliance has been achieved, whichever is the longer period.

An affected employer, worker, owner, supplier, union or member of a deceased worker's family may, within 90 calendar days of this report, in writing, request the Review Division of the WCB to conduct a review of an order, or the non-issuance of an order, in this report by contacting the Review Division at the Board's Richmond Office. The time limit may be extended in certain circumstances. Employers requiring assistance can contact the Employers' Advisers at 1-800-925-2233--workers can contact the Workers' Advisers at 1-800-663-4261.

Date of Issue	Number	Number of Orders	Employer	Location	Classification Unit Number	Activity Time Recorded*	Travel Time Recorded*
2009/10/08	2009129920231	5	121460	002	753004	1.5	3.5

Inspection Text

This inspection report documents the findings of a site inspection performed on Thursday, October 8th, 2009.

Items reviewed during the course of the inspection included:

- =====
- Brief review of standard operational guidelines.

The following areas were inspected:

=====

- Firehall including hose tower, ready room and apparatus bay.

Discussions and recommendations

=====

Items discussed included:

- developing an Operational Guideline for H1N1 (sample guideline provided);
- the employer indicated that they are in the process of completing the Office of the Fire Commissioner's Fire Department health and safety checklist and audit. Provide a copy of the completed audit to this Officer's attention;
- tight space constraints with apparatus projections (ladder on Tender 1, rear dump chute on tender 2) presenting a risk of injury to firefighters. The rear dump chute was approximately 5 feet high and restricted the passageway to 2 feet in width. Middle Bay between Rapid Attack truck (towards Engine #1 and vertical wood posts had a 2 feet width. See order 1);
- this hall requires apparatus to back in. Ensure that adequate procedures and assistance is provided to minimize the likelihood of inadvertent impact to the building support posts. Ensure high visibility vests are worn by firefighters backing apparatus into bays;
- no vehicle exhaust ventilation was in place and evidence (exhaust on streaks on floor near Rapid Attack truck, settled dust in areas) suggests diesel particulate is not effectively removed. No monitoring of vehicle emissions (carbon monoxide, nitrogen dioxide), particularly those associated with turbo charged diesels, has occurred (see order #2);
- unsecured compressed gas cylinders in front driver compartment of Engine #1. Occupational Health and Safety Regulation (OHS5.38.(2)) 'A compressed gas cylinder must be secured to prevent falling or rolling during storage, transportation and use, and where practicable, must be kept in the upright position.';

Employer Representative	Officer of the Board
	MacFadgen, Don



An employer who fails to comply with the Occupational Health & Safety Regulation or Board orders or directions is subject to sanctions as prescribed in the Workers Compensation Act.

The Occupational Health & Safety Regulation requires that one copy of this report remain posted in a conspicuous place at or near the operation inspected for at least seven days, or until compliance has been achieved, whichever is the longer period.

An affected employer, worker, owner, supplier, union or member of a deceased worker's family may, within 90 calendar days of this report, in writing, request the Review Division of the WCB to conduct a review of an order, or the non-issuance of an order, in this report by contacting the Review Division at the Board's Richmond Office. The time limit may be extended in certain circumstances. Employers requiring assistance can contact the Employers' Advisers at 1-800-925-2233--workers can contact the Workers' Advisers at 1-800-663-4261.

Date of Issue	Number	Number of Orders	Employer	Location	Classification Unit Number	Activity Time Recorded*	Travel Time Recorded*
2009/10/08	2009129920231	5	121460	002	753004	1.5	3.5

- electrical issues associated with location of main panel, missing cover plate on electrical panel, storage of buckets underneath electrical panel, missing GFCI circuit in hose tower, missing cover plate in electrical room; (see order # 4)
- guarding of elevated mezzanines, storage areas in hose tower and apparatus bay (see order #3);
- ensure that the exit stairs are not used to store flammable/combustible material;
- ensure that the emergency escape ladder at the front of the buildings plywood cover (on the bottom 4 rungs) is readily removable in the event of an emergency;
- review the arrangement of the outdoor roof area adjacent to the kitchen to ensure that it is adequately guarded and/or a control zone setup;
- concerns related to stability of building in the event of a moderate earthquake. Seismic stability issues are predominately addressed by the BC Building Code and are not in WorksafeBC jurisdiction.

Material Provided to the Employer

=====

Sample H1N1 Guideline provided to the fire chief (Occupational Health and Safety Regulation 6.34 applies).

Employer Representative	Officer of the Board
	MacFadgen, Don

An employer who fails to comply with the Occupational Health & Safety Regulation or Board orders or directions is subject to sanctions as prescribed in the Workers Compensation Act.

The Occupational Health & Safety Regulation requires that one copy of this report remain posted in a conspicuous place at or near the operation inspected for at least seven days, or until compliance has been achieved, whichever is the longer period.

An affected employer, worker, owner, supplier, union or member of a deceased worker's family may, within 90 calendar days of this report, in writing, request the Review Division of the WCB to conduct a review of an order, or the non-issuance of an order, in this report by contacting the Review Division at the Board's Richmond Office. The time limit may be extended in certain circumstances. Employers requiring assistance can contact the Employers' Advisers at 1-800-925-2233--workers can contact the Workers' Advisers at 1-800-663-4261.

Date of Issue	Number	Activity Time Recorded*	Travel Time Recorded*	Employer
2009/10/08	2009129920231	1.5	3.5	MAYNE ISLAND IMPROVEMENT DISTRICT

Order No.	1	Decision	DN	WCB Reference	OHS4.33.(1)	
-----------	---	----------	----	---------------	-------------	--

The work area has not been arranged to allow the safe movement of people, equipment and materials. This order refers to the following:

- tight space constraints with apparatus projections (ladder on Tender 1, rear dump chute on tender 2) presenting a risk of injury to firefighters. The rear dump chute was approximately 5 feet high and restricted the passageway to 2 feet in width;
- middle Bay between Rapid Attack truck and Engine #1 had vertical wood posts that restricted the walkway width to 2 feet width. See order 1);
- vehicle heater electrical cord for Engine #1, strung at approximately 5 feet high, presents a hazard.

This is in contravention of the Occupational Health and Safety Regulation Section 4.33(1).

A work area must be arranged to allow the safe movement of people, equipment and materials.

Employer's Compliance Action	Date		Decision		Initials	
------------------------------	------	--	----------	--	----------	--

Employer Representative	Officer of the Board
	MacFadgen, Don



An employer who fails to comply with the Occupational Health & Safety Regulation or Board orders or directions is subject to sanctions as prescribed in the Workers Compensation Act.

The Occupational Health & Safety Regulation requires that one copy of this report remain posted in a conspicuous place at or near the operation inspected for at least seven days, or until compliance has been achieved, whichever is the longer period.

An affected employer, worker, owner, supplier, union or member of a deceased worker's family may, within 90 calendar days of this report, in writing, request the Review Division of the WCB to conduct a review of an order, or the non-issuance of an order, in this report by contacting the Review Division at the Board's Richmond Office. The time limit may be extended in certain circumstances. Employers requiring assistance can contact the Employers' Advisers at 1-800-925-2233--workers can contact the Workers' Advisers at 1-800-663-4261.

Date of Issue	Number	Activity Time Recorded*	Travel Time Recorded*	Employer
2009/10/08	2009129920231	1.5	3.5	MAYNE ISLAND IMPROVEMENT DISTRICT

Order No.	2	Decision	DN	WCB Reference	OHS31.32
-----------	---	----------	----	---------------	----------

The employer has not ensured that the vehicle area in the firehall is provided with effective local venting of exhaust gases. This order refers to the absence of local exhaust ventilation for fire apparatus. No air monitoring for exhaust constituents (carbon monoxide, nitrous oxide) has been performed.

This is in contravention of the Occupational Health and Safety Regulation Section 31.32.

Unless air monitoring shows that levels of vehicle exhaust gas components are below the exposure limits established under section 5.48, effective local venting for the exhaust gases must be provided in vehicle areas in firehalls.

Employer's Compliance Action	Date	Decision	Initials
------------------------------	------	----------	----------

Order No.	3	Decision	DN	WCB Reference	OHS4.55.(a)
-----------	---	----------	----	---------------	-------------

An area accessible to workers, and which has a raised floor, open-sided floor, mezzanine, gallery, balcony, work platform, ramp, walkway, or runway that is 122 cm (4 ft) or more above the adjacent floor or grade level, does not have guards or guardrails installed. This order refers to

Employer Representative	Officer of the Board
	MacFadgen, Don

An employer who fails to comply with the Occupational Health & Safety Regulation or Board orders or directions is subject to sanctions as prescribed in the Workers Compensation Act.

The Occupational Health & Safety Regulation requires that one copy of this report remain posted in a conspicuous place at or near the operation inspected for at least seven days, or until compliance has been achieved, whichever is the longer period.

An affected employer, worker, owner, supplier, union or member of a deceased worker's family may, within 90 calendar days of this report, in writing, request the Review Division of the WCB to conduct a review of an order, or the non-issuance of an order, in this report by contacting the Review Division at the Board's Richmond Office. The time limit may be extended in certain circumstances. Employers requiring assistance can contact the Employers' Advisers at 1-800-925-2233--workers can contact the Workers' Advisers at 1-800-663-4261.

Date of Issue	Number	Activity Time Recorded*	Travel Time Recorded*	Employer
2009/10/08	2009129920231	1.5	3.5	MAYNE ISLAND IMPROVEMENT DISTRICT

the absence of guardrails on mid-level hose tower platform, and in the storage mezzanines in the apparatus bay.

This is in contravention of the Occupational Health and Safety Regulation Section 4.55(a).

An area accessible to workers must have guards or guardrails installed if a raised floor, open-sided floor, mezzanine, gallery, balcony, work platform, ramp, walkway, or runway is 122 cm (4 ft) or more above the adjacent floor or grade level.

Employer's Compliance Action	Date	Decision	Initials
------------------------------	------	----------	----------

Order No.	4	Decision	DN	WCB Reference	OHS19.7.(1)
-----------	---	----------	----	---------------	-------------

Passageways and working space around electrical equipment (circuit panel in apparatus bay) is not kept clear of obstructions, or arranged so as to give authorized persons ready access to all parts requiring attention, and/or is used for storage. This order refers to the storage of material (buckets) under the electrical panels.

This is in contravention of the Occupational Health and Safety Regulation Section 19.7(1).

Employer Representative	Officer of the Board
	MacFadgen, Don



An employer who fails to comply with the Occupational Health & Safety Regulation or Board orders or directions is subject to sanctions as prescribed in the Workers Compensation Act.

The Occupational Health & Safety Regulation requires that one copy of this report remain posted in a conspicuous place at or near the operation inspected for at least seven days, or until compliance has been achieved, whichever is the longer period.

An affected employer, worker, owner, supplier, union or member of a deceased worker's family may, within 90 calendar days of this report, in writing, request the Review Division of the WCB to conduct a review of an order, or the non-issuance of an order, in this report by contacting the Review Division at the Board's Richmond Office. The time limit may be extended in certain circumstances. Employers requiring assistance can contact the Employers' Advisers at 1-800-925-2233--workers can contact the Workers' Advisers at 1-800-663-4261.

Date of Issue	Number	Activity Time Recorded*	Travel Time Recorded*	Employer
2009/10/08	2009129920231	1.5	3.5	MAYNE ISLAND IMPROVEMENT DISTRICT

Passageways and working space around electrical equipment must be kept clear of obstructions, be arranged so as to give authorized persons ready access to all parts requiring attention, and not be used for storage.

Ensure that the space around the electrical panels are kept clear, the breaker panel is covered, a cover plate is placed on the electrical receptacle in the ready room and the electrical receptacle in the hose tower is protected by a ground fault circuit interrupter.

Employer's Compliance Action	Date	Decision	Initials
------------------------------	------	----------	----------

Order No.	5	Decision	DN	WCB Reference	WCA194.(1)
-----------	---	----------	----	---------------	------------

Each of the preceding orders is assigned a decision code with the letter "N", indicating that a compliance report is required to be prepared by the employer in accordance with Workers Compensation Act Section 194 (1). The compliance report must specify what will be done to comply with the order and 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.

The employer must post a copy of the compliance reports and any follow-up compliance reports at the workplace in the area where the related orders are posted and provide a copy of the reports to the joint health & safety committee or worker health & safety representative, as applicable and if

Employer Representative	Officer of the Board
	MacFadgen, Don



WORKING TO MAKE A DIFFERENCE

WORKERS' COMPENSATION BOARD OF BRITISH COLUMBIA

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

INSPECTION REPORT

WORKER AND EMPLOYER
SERVICES DIVISION

An employer who fails to comply with the Occupational Health & Safety Regulation or Board orders or directions is subject to sanctions as prescribed in the Workers Compensation Act.

The Occupational Health & Safety Regulation requires that one copy of this report remain posted in a conspicuous place at or near the operation inspected for at least seven days, or until compliance has been achieved, whichever is the longer period.

An affected employer, worker, owner, supplier, union or member of a deceased worker's family may, within 90 calendar days of this report, in writing, request the Review Division of the WCB to conduct a review of an order, or the non-issuance of an order, in this report by contacting the Review Division at the Board's Richmond Office. The time limit may be extended in certain circumstances. Employers requiring assistance can contact the Employers' Advisers at 1-800-925-2233--workers can contact the Workers' Advisers at 1-800-663-4261.

Date of Issue	Number	Activity Time Recorded*	Travel Time Recorded*	Employer
2009/10/08	2009129920231	1.5	3.5	MAYNE ISLAND IMPROVEMENT DISTRICT

the reports relate to a workplace where the workers are represented by a union, send a copy to the union.

In addition, in accordance with Workers Compensation Act Section 194 (4)(d), the compliance reports must be forwarded to this officer*, on or before November 7th, 2009 (note: if compliance is to be delayed beyond the time-line specified in the original compliance report, this officer must be notified).

*Don MacFadgen

Address: 4514 Chatterton Way, Victoria, V8X 5H2

Fax: 881-3482

e-mail: don.macfadgen@worksafebc.com

Employer's Compliance Action	Date	Decision	Initials
------------------------------	------	----------	----------

Employer Representative	Officer of the Board
	MacFadgen, Don



WORKING TO MAKE A DIFFERENCE

WORKERS' COMPENSATION BOARD OF BRITISH COLUMBIA

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

INSPECTION REPORT

WORKER AND EMPLOYER
SERVICES DIVISION

An employer who fails to comply with the Occupational Health & Safety Regulation or Board orders or directions is subject to sanctions as prescribed in the Workers Compensation Act.

The Occupational Health & Safety Regulation requires that one copy of this report remain posted in a conspicuous place at or near the operation inspected for at least seven days, or until compliance has been achieved, whichever is the longer period.

An affected employer, worker, owner, supplier, union or member of a deceased worker's family may, within 90 calendar days of this report, in writing, request the Review Division of the WCB to conduct a review of an order, or the non-issuance of an order, in this report by contacting the Review Division at the Board's Richmond Office. The time limit may be extended in certain circumstances. Employers requiring assistance can contact the Employers' Advisers at 1-800-925-2233--workers can contact the Workers' Advisers at 1-800-663-4261.

Date of Issue	Number	Activity Time Recorded*	Travel Time Recorded*	Employer
2009/10/08	2009129920231	1.5	3.5	MAYNE ISLAND IMPROVEMENT DISTRICT

Employer Representative	Officer of the Board
	MacFadgen, Don