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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 #201711321009A

Employer Name	Jobsite Inspected	Scope of Inspection
CITY OF PENTICTON	459 Waterloo Avenue Penticton BC V2A 7N1	Waste Water Treatment Plant - AMC Disk Filters

Date of Initiating Inspection	Date of This Inspection	Delivery Date of This Report	Delivery Method
Feb 01, 2017	Feb 01, 2017	Feb 03, 2017	

THERE ARE ZERO (0) ORDERS OR OTHER ITEMS OUTSTANDING

**ACTION MAY STILL BE NECESSARY TO ENSURE COMPLIANCE
PLEASE READ FULL REPORT**

INSPECTION NOTES

The City of Penticton operates Waste Water Treatment facility located at 459 Waterloo Avenue. This plant treats waste water for the City of Penticton. The facility have developed "Alternate Measures" for entry into Disc filters (moderate confined space based on hazard assessment) tank. They are planning to perform regular maintenance for those disc type filters. The city has submitted a request for acceptance of the Alternate Measures under Occupational Health and Safety Regulation 9.22.

The employer states that isolation of the confined space using measures specified in Occupational health and safety Regulation 9.18 is not practicable due to the original design of the facility. The alternative measures has been developed because the space cannot be isolated by "Double block and bleed" or blind flange. According to employer, the worker representatives has been consulted with respect to the alternative measures.

As per employer's submission, no changes have been made to any of the equipment or isolation means originally submitted for year 2016 and no additional hazards have been identified. The following information was not submitted because no changes have been made, however, can be reviewed in IR201611321021A.

- Engineering drawings related to gates and valves associated with entry into disc filters.
- HIRA sheet for hazard assessment
- Lockout information
- Confined space entry procedure
- Rescue plan

The employer has submitted the following to WorkSafeBC:

1. A request for alternative measures under OHS Regulation 9.22.
2. Year 2017 Engineering certification from Pentagon Engineering Ltd. for Sluice gate.
3. Email addressing main elements of the submission which is located in the attachment.
4. Any potential leakage from the upstream gate and water level in the downstream channel will be checked every 20 minutes by the standby person.

Deepak Chadda (OHO) visited the work site on February 1, 2017 and reviewed the submission in accordance with the guideline OHS Regulation 9.22. The City of Penticton request that the acceptance for alternative measures is granted for **2 years** based on Engineer's letter. It is applicable only for workers entering disc filters tank to perform regular maintenance.

Acceptance of the alternative measures is granted, provided:

- The employer ensures compliance with other provisions of the OHS Regulation, such as requirements for lockout, addressing slipping and tripping hazards, electrical hazards, rescue planning, worker training, etc
- WCA Act 115(2)(e): An employer must provide to the workers the information, instruction, training and supervision necessary to ensure the health and safety of those workers in carrying their work and to ensure the health and safety of other workers at the workplace.
- OH&S Reg 9.22: A measure specified in section 9.18 to control or isolate harmful substances contained in adjacent piping from a confined space is not practicable, and the employer implements alternative measures of control or isolation that are acceptable to the Board.
- Clean, respirable air to be shown during pre-entry testing and continuous atmosphere monitoring. The facility must immediately notify WorkSafeBC and conduct an investigation if clean, respirable air is not shown during pre-entry testing and monitoring.
- Disc filter tank is inspected prior to each use and follow the requirements of a professional engineer. Ensure that all gates are capable of tolerating stress imposed on them.
- Rescue Plan is developed, which includes the practice exercise.
- Work permit to be used which must specify fixed time of entry by workers for daily work
- Confined space emergency procedure is developed
- Ensure that OH&S committee was consulted
- Cleanup procedure in case workers get contaminated
- All relevant sections of part 9 apply.

See the attached documents received related to the request in the attachment section.

The decision to accept these alternative measures focuses on the issue of alternate measures for isolation of the confined space under section 9.22 of the OHS Regulation. The decision does not address compliance with other provisions of the Regulation and must not be taken as an endorsement of the overall confined space program for the site.

WorkSafeBC may reconsider the granting of the acceptance, or its terms, if it is later found to have been granted in error, new information is received, or the applicable OHS Regulation provisions are amended.

The employer must post a copy of the inspection report at the work site as required by the OHS Regulation.

WorkSafeBC has a wide range of health and safety information. For general questions regarding workplace health and safety, call toll free within BC 1-888-621-SAFE(7233). For more information, visit www.worksafefbc.com

If you have any questions related to this inspection report, please contact:

Deepak Chadda, Occupational Hygiene Officer

WorkSafeBC

110 - 2045 Enterprise Way

Kelowna, BC

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Email: deepak.chadda@worksafefbc.com

Application for acceptance

The employer has requested that WorkSafeBC accept alternate measures under section 9.22 of the Occupational Health and Safety Regulation. The employer has provided the following documents to support its request:

1. Alternative Measures submission Elements
2. P.Eng certification letter related to Sluice gates for 2 years
3. Safe work procedure to be following during regular maintenance work
4. No changes have been made from last year submission.

Employer is planning to enter disk filters tank to conduct regular maintenance.

In accordance with OHS Guideline G9.22-2, a Prevention Officer may make the decision on behalf of WorkSafeBC in this case.

Decision

The acceptance is granted to the employer, City of Penticton, Firm No. 2047, who has responsibility to ensure that the terms of this acceptance are complied with. The acceptance is only applicable to the worksite at 459 Waterloo Avenue. If the location of the worksite changes or if the acceptance granted to one jobsite is to be applied to another jobsite, the employer must apply for another acceptance.

Special terms

The conditions and procedures set out in the above-noted documents must be complied with as well as the following:

All elements stated in the Alternative Measures of control for entry into Disc filters tank. OH&S committee must be consulted regarding this submission. Entry permit to be used. Instruct workers to follow specific lockout procedure.

Posting

A copy of these terms, along with any documents to which they refer, must be maintained at the worksite and be available for inspection by WorkSafeBC officers. The same documents must be posted on a suitable bulletin board in legible condition for the period of the acceptance. If affected workers will not receive notice by posting on a bulletin board, then the acceptance must be otherwise made known to all affected workers.

Joint committee

A copy of these terms, along with any documents to which they refer, must be given to the Joint Occupational Health and Safety Committee or to the Worker Health and Safety Representative, as applicable.

Time-limited

The acceptance will be valid for the duration of the project, but for no longer than **2 years** from the date of this acceptance.

Verification

The worksite may be inspected by WorkSafeBC officers to confirm these terms are being met.

Failure to comply

If the terms and conditions of this acceptance are not complied with, the acceptance may be deemed to be void. Any non-compliance with the terms and conditions of this acceptance, or other infractions relating to the subject matter of the acceptance, may result in imposition of orders and administrative penalties.

Validity

The granting of this acceptance is based on the completeness and accuracy of the information provided to WorkSafeBC. Any failure to have provided complete and accurate information may result in revocation of the acceptance and imposition of orders and administrative penalties.

Reconsideration

WorkSafeBC may reconsider the granting of the acceptance, or its terms, if it is later found to have been granted in error, new information is received since it was granted or the applicable Occupational Health and Safety Regulation provisions are substantively amended.

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>OHS9.22(1)</p> <hr/> <p>Section 9.18 does not apply if</p> <p>(a) a measure specified in section 9.18 to control or isolate harmful substances contained in adjacent piping from a confined space is not practicable, and</p> <p>(b) the employer implements alternative measures of control or isolation that are acceptable to the Board.</p>	<p>Employer has developed Alternative Measure controls for entering disk filters tank to conduct maintenance work which was submitted for officer review.</p>

Employer #	Mailing Address	Classification Unit #	Operating Location
2074	171 MAIN ST PENTICTON BC V2A 5A9	753004	006

Lab Samples Taken	Direct Readings	Results Presented	Sampling Inspection(s)	Workers onsite during Inspection	Notice of Project Number
N	N	N		10	

Inspection Report Delivered To	Employer Representative Present During Inspection	Worker Representative Present During Inspection	Labour Organization & Local
Randy Craig	Randy Craig	Glenn Robertson	

WorkSafeBC Officer Conducting Inspection
Deepak Chadda

*Inspection Time	*Travel Time
5.50 hrs	1.00 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.