

## Appendix E: Class 4

### COMPLETE ONLY IF APPLYING FOR A CLASS 4 CERTIFICATE

Applicant is required to have a Manitoba High School Diploma, a GED-12 or have comparable academic qualifications; Achieved

**AND**

Applicant is required to have 4 years of post-high school education in water or wastewater works operations, engineering, science or a related field. Achieved

**Alternatively check box(es) below that are applicable and complete corresponding blanks:**

Applicant wishes to substitute \_\_\_\_\_ year(s) operating experience for academic achievement.  
[1 year of operating experience for 2 grades of grade school (K-8) level achievement]

Applicant wishes to substitute \_\_\_\_\_ year(s) operating experience for academic achievement.  
[1 year of operating experience for 1 grade of high school (9-12) level achievement]

Applicant wishes to substitute \_\_\_\_\_ CEUs for academic achievement.  
[45 CEU in water or wastewater works operations, engineering, science or a related field for 1 grade of high school (9-12) level achievement]

Applicant wishes to substitute \_\_\_\_ year(s) of DRC experience in a class 3 or higher facility.  
[1 year DRC experience for 1 year of post-high school education, **maximum 2 years** can be substituted.  
This option applies only to operators employed at water treatment and wastewater treatment facilities.]

#### **FOR WATER DISTRIBUTION, WASTEWATER COLLECTION AND WASTEWATER TREATMENT OPERATORS ONLY:**

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Applicant wishes to substitute \_\_\_\_\_ CEUs of training in water distribution works operations, wastewater works operations, engineering, science or a related field for post-high school education subject to the following conditions:  
[45 CEUs = 1 year of post-high school education]

Conditions:

- CEUs must be acceptable to the director;
- CEUs must be completed and the application for the certificate made before December 31, 2010;
- On the day this subsection comes into force, the applicant must be employed at a class 4 facility of the category of the certificate applied for and, must continue that employment until they qualify for the certificate;
- If the certificate applied for is for a wastewater treatment facility, the certificate only authorizes its holder to operate a facility that is in operation on the day this subsection comes into force.

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<p><b>Applicant is required to have 4 years operating experience in a class 3 or higher facility of the category applied for. Check applicable option under the category.</b> Applicants must fall into one of the options listed below to achieve certification at this class.</p>	
<p>Water Treatment Facility</p>	<p>Option WT 4a)</p> <ul style="list-style-type: none"> <li>• 2 years experience as a DRC at a class 3 or higher facility and</li> <li>• an additional 2 years experience as an operator at a class 3 or higher facility.</li> </ul>
	<p>Option WT 4b)</p> <ul style="list-style-type: none"> <li>• 1 year experience as a DRC at a class 3 or higher facility and</li> <li>• substitute 45 CEUs or 1 year of post-high school education in water or wastewater works operations, engineering, science or a related field for 1 year of DRC, plus</li> <li>• an additional 2 years experience as an operator at a class 3 or higher facility.</li> </ul>
	<p>Option WT 4c)</p> <ul style="list-style-type: none"> <li>• 2 years experience as a DRC at a class 3 or higher facility and</li> <li>• substitute 45 CEUs or 1 year of post-high school education in water or wastewater works operations, engineering, science or a related field for 1 year of non-DRC,</li> <li>• plus an additional 1 year experience as an operator at a class 3 or higher facility.</li> </ul>
	<p>Option WT 4d)</p> <ul style="list-style-type: none"> <li>• 2 years experience as a DRC at a class 3 or higher facility and</li> <li>• substitute 90 CEUs or 2 year of post-high school education in water or wastewater works operations, engineering, science or a related field for 2 years of non-DRC at a class 3 or higher facility.</li> </ul>
<p>Wastewater Treatment Facility</p>	<p>Option WWT 4a)</p> <ul style="list-style-type: none"> <li>• 2 years experience as a DRC at a class 3 or higher facility and</li> <li>• an additional 2 years experience as an operator at a class 3 or higher facility.</li> </ul>
	<p>Option WWT 4b)</p> <ul style="list-style-type: none"> <li>• 1 year experience as a DRC at a class 3 or higher facility and</li> <li>• substitute 45 CEUs or 1 year of post-high school education in water or wastewater works operations, engineering, science or a related field for 1 year of DRC, plus</li> <li>• an additional 2 years experience as an operator at a class 3 or higher facility.</li> </ul>
	<p>Option WWT 4c)</p> <ul style="list-style-type: none"> <li>• 2 years experience as a DRC at a class 3 or higher facility and</li> <li>• substitute 45 CEUs or 1 year of post-high school education in water or waste water works operations, engineering, science or a related field for 1 year of non-DRC,</li> <li>• plus an additional 1 year experience as an operator at a class 3 or higher facility.</li> </ul>
	<p>Option WWT 4d)</p> <ul style="list-style-type: none"> <li>• 2 years experience as a DRC at a class 3 or higher facility and</li> <li>• substitute 90 CEUs or 2 years of post-high school education in water or wastewater works operations, engineering, science or a related field for 2 years of non DRC</li> </ul>

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Water Distribution Facility	Option WD 4a) <ul style="list-style-type: none"> <li>• 4 or more years experience at a class 3 or higher facility</li> </ul>
	Option WD 4b) <ul style="list-style-type: none"> <li>• 3 years experience at a class 3 or higher facility and</li> <li>• substitute 45 CEUs or 1 year of post-high school education in water or wastewater works operations, engineering, science or a related field for 1 year of experience.</li> </ul>
	Option WD 4c) <ul style="list-style-type: none"> <li>• 2 years experience at a class 3 or higher facility and</li> <li>• substitute 90 CEUs or 2 years of post-high school education in water or wastewater works operations, engineering, science or a related field for 2 years of experience.</li> </ul>
Wastewater Collection Facility	Option WWC 4a) <ul style="list-style-type: none"> <li>• 4 or more years experience at a class 3 or higher facility</li> </ul>
	Option WWC 4b) <ul style="list-style-type: none"> <li>• 3 years experience at a class 3 or higher facility and</li> <li>• substitute 45 CEUs or 1 year of post-high school education in water or wastewater works operations, engineering, science or a related field for 1 year of experience.</li> </ul>
	Option WWC 4c) <ul style="list-style-type: none"> <li>• 2 years experience at a class 3 or higher facility and</li> <li>• substitute 90 CEUs or 2 years of post-high school education in water or wastewater works operations, engineering, science or a related field for 2 years of experience.</li> </ul>

<b>Operator has completed the examination(s) checked below and has been notified of a passing mark.</b>	
Water Treatment Class 4 Examination	Wastewater Treatment Class 4 Examination
Water Distribution Class 4 Examination	Wastewater Collection Class 4 Examination