



Name of applicant _____ S.I.N. _____

Facility Working For: _____

Operator Classification	Wastewater Treatment	Indicate which operator classification is being applied for.			
		Class I <input type="checkbox"/>	Class II <input type="checkbox"/>	Class III <input type="checkbox"/>	Class IV <input type="checkbox"/>
Mandatory Skills Water and Wastewater Operator Wastewater - Treatment (178)					Employer/Designate Initials
Mandatory for all Classes					
For the purpose of this form, "working knowledge" means that although the candidate may not perform the skill as part of regular work duties, he or she has the necessary skills and knowledge that the skill could be performed if required.					
(a) Working knowledge of safety practices pertaining to the industry (i.e. confined space, WHMIS, lockout and tagout).					
(b) Working knowledge of principles related to wastewater treatment (i.e. hydraulics, flow, chemistry and biology)					
(c) Working knowledge of standards and requirements relating to effluent and wastewater treatment systems.					
(d) Working knowledge of operational tests and monitoring of wastewater treatment processes.					
(e) Monitor (directly or indirectly) and/or repair of wastewater treatment system components (i.e. piping, valves, aeration)					
(f) Working knowledge of maintenance requirements for wastewater treatment systems and components (i.e. pumps, motors, drives, lab equipment, instrument calibration)					
(g) Knowledge of procedures and protocols for emergency response relating to compromised water quality situations.					
(h) Knowledge of the requirements relating to conditions of the Certificate of Approval to Operate (CAO) the wastewater treatment system.					
(i) Interpret drawings and/or plans related to wastewater treatment system components.					
(j) Complete reports and maintain accurate records.					
(k) Communicates with internal and external personnel.					
(l) Working knowledge of sampling protocol, sampling procedure/calibration of instruments (i.e. chlorine, DO, PH)					
Mandatory for Class III and IV only					
(m) Monitor wastewater treatment system operation to ensure proper operation and detect problems (i.e. changes in parameters, analyze wastewater test results and adjust flow or treatment operation, Supervisory Control and Data Acquisition (SCADA) monitoring)					
(n) Understand pump operation (i.e. pump curves, amperage, cavitation) and troubleshoot system to identify pump related deficiencies or issues.					
(o) Have the ability to perform calculations necessary to effectively operate and maintain wastewater treatment systems.					
Name and position of individual initialing for mandatory skills:					
Name _____ Position _____					

By signing this form, I am attesting that the applicant has been employed with the company indicated for the time specified and has performed the practical skills indicated above, at or above industry standards. I also understand that my support may allow for the candidate to challenge the Certification examination and upon passing will be recognized across Canada as a certified journey person.

I recommend that he/she be approved to challenge the certification examination Yes _____ No _____

Employer Use Only (Please Print)															
TIME ACCUMULATED PERFORMING THE SCOPE OF THE TRADE AS IDENTIFIED ABOVE 20% OF THE TIME REQUIRED MUST HAVE BEEN WORKED DURING THE LAST 5 YEARS															
TOTAL HOURS ACCUMULATED				FROM (YYYY/MM/DD)				TO (YYYY/MM/DD)				HOURS DURING THE LAST 5 YEARS			

Name of Employer and Address										Telephone											
City or Town										Province		Postal Code				Cell					
Please print name and position										Fax											
Signature										Email											

For Apprenticeship and Occupational Certification Use Only		
I have confirmed that the employer signing this form for the period(s) indicated above has employed the applicant and that the initials and signature provided are indeed those of the employer or designate.		
AOC Counsellor	Regional Office	Date