WELL PUMP INSTALLER

EMPLOYER DECLARATION OF WORK EXPERIENCE

SkilledTradesBC Customer Service
800 – 8100 Granville Ave.
Richmond, BC V6Y 3T6
Tel: 778-328-8700
Fax: 778-328-8701
Toll Free: 1-866-660-6011
customerservice@skilledtradesbc.ca

This form is used to declare work experience for periods of employment and must be completed by a **direct supervisor of the applicant**, who will be contacted by SkilledTradesBC.

Note: An Employer Declaration of Work Experience form must be completed for each period of employment.

This form is not to be used for periods of self-employment. For more information, see Instructions for Certification Challenge.

"Well pump installers" install, test, maintain and repair water well pumps, piping systems and equipment, and perform pumping tests to assess well performance. Well pump installers typically work in an outdoor environment where the worker is exposed to variations in weather conditions and seasonal weather patterns. Work involves contact with water and other liquids. Well pump installers are often employed by well drilling companies, or plumbing companies, and they may be self-employed. Well pump installers can also work for larger construction companies or public works departments. Work can be seasonal, as there is more demand for well drilling in the spring, summer and fall. Well pump installers work near or with a variety of equipment, instruments, machinery or tools, and must maintain a focus on safety at all times.

To qualify to challenge certification in this trade, individuals must have:

- worked a minimum of **4,860 hours** performing the tasks listed in Section D, and
- experience performing at least **70%** of the job tasks listed in Section D.

Holders of a Certificate of Qualification in **Geotechnical/Environmental Driller** will be eligible to challenge this certification by documenting **4,370 hours** of directly related work experience.

Holders of a Certificate of Qualification in **Geoexchange Driller** will be eligible to challenge this certification by documenting **3,880 hours** of directly related work experience.

Holders of a Certificate of Qualification in **Water Well Driller** will be eligible to challenge this certification by documenting **2,920 hours** of directly related work experience.

A. Applicant Name

Enter the name of the individual for whom this form is being completed.

Legal First Name:	Legal Middle Name(s):	Legal Last Name:

B. Employment Information of Applicant

Enter the business information for the applicant's period of employment declared for this trade.

Name of Organization/Employer/Business:		
Business Address (Street Name/Number, Building/Unit Number):		City:
Province/ State:	Country:	Postal Code/ Zip Code:
Business Phone Number: ( )	Website:	

Enter the dates and number of hours for this period of employment.

Dates of Applicant's Employment (MM/DD/YYYY): From: To:	Total Number Hours of **Well Pump Installer** Experience Accumulated in Period:
Job Title of Applicant:	

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C. Supervisor Contact Information

Enter the name and contact information for the person who directly supervised the applicant during this employment period. Ensure the information given is current as the application will be denied if this person cannot be contacted by SkilledTradesBC.

First and Last Name of Applicant's Direct Supervisor:	Supervisor Position or Title:
Supervisor's Phone Number: ( )	Supervisor E-Mail Address:
Language(s) that the employer/supervisor can communicate: (check all that apply) ☐ English ☐ Other (please specify): _____	

D. Supervisor Declaration of Job Task Performance of Applicant

By checking "Yes" or "No" in the Declaration Response column, indicate whether you, as the direct supervisor of the applicant, have personally witnessed the applicant performing the job tasks listed.

JOB TASKS (58)	SUPERVISOR DECLARATION RESPONSE	
Industry Overview and Professional Work Practices		
Describes the scope of the trade in B.C	☐ Yes	☐ No
Describes the B.C. Certification System	☐ Yes	☐ No
Describes professional work practices	☐ Yes	☐ No
Applies trade math	☐ Yes	☐ No
Workplace Safety		
Describes common safety hazards associated with the trade	☐ Yes	☐ No
Uses safety equipment and procedures when dealing with hazards	☐ Yes	☐ No
Uses the WHMIS System to practice safe care and control of hazardous products	☐ Yes	☐ No
Recognizes and describes hazards to the environment associated with the trade	☐ Yes	☐ No
Recognizes and complies with WorkSafeBC Regulations	☐ Yes	☐ No
Recognizes and complies with the B.C. Wellhead Protection Regulations	☐ Yes	☐ No
Recognizes and complies with the B.C. Safety Authority Electrical Regulations	☐ Yes	☐ No
States the safety considerations when working in close proximity to a well head	☐ Yes	☐ No

Supervisor must enter name and initials on every page of this form

Supervisor First and Last Name (Please Print):	
I hereby certify, that to the best of my knowledge, the information I am providing as a current or past supervisor of the applicant (as named on page 1 of this document), is true and accurate.	Supervisor's Initials:

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JOB TASKS (58)	SUPERVISOR DECLARATION RESPONSE	
Well Drilling Methods		
Describes the different types of well drilling systems applicable to the trade	☐ Yes	☐ No
Uses well drilling methods as applicable to the trade	☐ Yes	☐ No
Geology		
Identifies various rock types and the processes that form them	☐ Yes	☐ No
Describes various soil types found in B.C.	☐ Yes	☐ No
Uses proper terminology to describe geological formations as it applies to the trade	☐ Yes	☐ No
Ground Water		
Describes the Hydrologic Cycle (Water Cycle)	☐ Yes	☐ No
Uses proper terminology to describe various subsurface zones	☐ Yes	☐ No
Uses proper terminology to describe ground water formations	☐ Yes	☐ No
Describes different sources of water	☐ Yes	☐ No
Defines appropriate terms and abbreviations used to report on lithology	☐ Yes	☐ No
Aquifer Potential		
Explains ground water flow as it pertains to various formations	☐ Yes	☐ No
Recognizes hydraulic properties of bedrock and overburden (soil) aquifers	☐ Yes	☐ No
Describes the different types of aquifer tests and the equipment necessary	☐ Yes	☐ No
Performs various aquifer tests	☐ Yes	☐ No
Records the readings and interpret the results	☐ Yes	☐ No
Uses technologies for data acquisition	☐ Yes	☐ No
Describes the use of monitoring wells for data collection	☐ Yes	☐ No
Ground Water Quality		
Interprets detailed chemistry reports	☐ Yes	☐ No
Uses proper techniques for acquiring water samples	☐ Yes	☐ No
Uses proper methods of disinfection	☐ Yes	☐ No
Identifies ground water treatment required for common concerns	☐ Yes	☐ No

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JOB TASKS (58)	SUPERVISOR DECLARATION RESPONSE	
Pumping System		
Describes different types of shallow and deep well pumps	☐ Yes	☐ No
Describes equipment requirements for different pump types	☐ Yes	☐ No
Determines the appropriate electrical wire size for pump installation	☐ Yes	☐ No
Describes the types and sizes of pressure tanks	☐ Yes	☐ No
Selects pump type according to application and sizing	☐ Yes	☐ No
Determines the Total Dynamic Head for a well pumping system	☐ Yes	☐ No
Designs and installs a water pumping system for a well site	☐ Yes	☐ No
Pumping System Electricals		
Recognizes electrical circuits	☐ Yes	☐ No
Uses lockout/tag out procedures	☐ Yes	☐ No
Uses a voltmeter, ampmeter, ohmmeter and megohmmeter	☐ Yes	☐ No
Uses methods for wiring motor controls	☐ Yes	☐ No
Uses procedures for protecting and burying underground cables	☐ Yes	☐ No
Installs a waterproof splice on a submersible pump motor lead in accordance with the electrical code	☐ Yes	☐ No
Identifies the requirements for an electrical disconnect on a pump system	☐ Yes	☐ No
Completes a control box installation	☐ Yes	☐ No
Completes a system ground for a pump installation	☐ Yes	☐ No
Performs electrical tests as required on pumping systems	☐ Yes	☐ No
Describes power supply alternatives for electric motor pumps	☐ Yes	☐ No
System Troubleshooting and Repair		
Performs pump system tests to identify problems	☐ Yes	☐ No
Repairs pump systems	☐ Yes	☐ No
Water Well Systems		
Describes the characteristics of well aquifer	☐ Yes	☐ No

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JOB TASKS (58)	SUPERVISOR DECLARATION RESPONSE	
Describes various water well components	☐ Yes	☐ No
Describes various in-well pump components	☐ Yes	☐ No
Describes pump control systems and components	☐ Yes	☐ No
Uses various methods and equipment for well head completion	☐ Yes	☐ No

E. Supervisor Signature

I certify that the information I, as the current or former direct supervisor of the applicant, have provided is true and accurate. (Note: Collection and protection of personal information on this form is in accordance with the provisions of the Freedom of Information and Protection of Privacy Act.)

Supervisor Signature:	Date Signed: (MM/DD/YYYY)

Supervisor must enter name and initials on every page of this form

Supervisor First and Last Name (Please Print):	
I hereby certify, that to the best of my knowledge, the information I am providing as a current or past supervisor of the applicant (as named on page 1 of this document), is true and accurate.	Supervisor's Initials: