

WELL PUMP INSTALLER

Occupation Description

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. Equipment can also produce sufficient noise to cause distraction or possible loss of hearing. Well pump installers will need to follow safety regulations as they relate to their work. Workers should be physically fit with the ability to conduct demanding outdoor work, and to lift and carry heavy objects.

For detailed information on the scope of knowledge and skills taught and assessed in this program, refer to the Program Outline, available on the ITA website.

Pathways to Certification

In BC, an individual can become certified as a Well Pump Installer by challenging the certification. There is no Apprenticeship pathway for this trade. Apprenticeship programs are for individuals who have an employer to sponsor them and challenge programs are for individuals who have extensive experience working in the occupation and wish to challenge the certification.

Recommended Education

The following education is **recommended** for challengers entering this occupation. These are not prerequisites, but rather a desired level of skill or knowledge that will contribute to success in the industry.

- Grade 10 or equivalent including English 10, Math 10, and Science 10.
- Preferred level of education: Grade 12.

ITA Registration

Individuals who wish to challenge the Well Pump Installer certification must complete the Well Pump Installer Challenge Application and submit it to ITA. Challenge applications are assessed for proof of workplace hours and scope of experience prior to acceptance of the individual into the Challenge pathway.

Apprenticeship Pathway

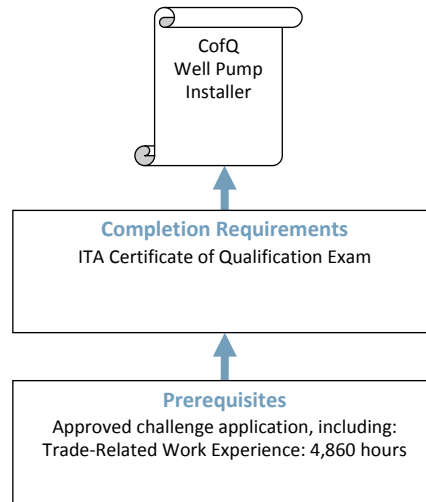
There is currently no apprenticeship pathway for the Well Pump Installer program.

Challenge Pathway

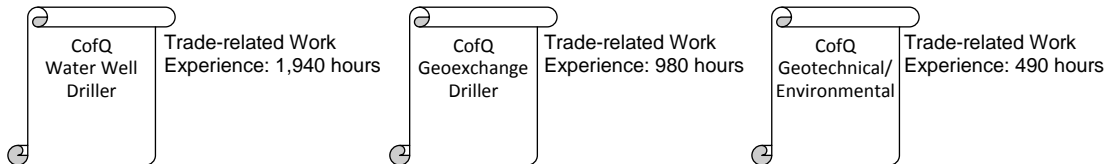
This graphic provides an overview of the Well Pump Installer challenge pathway.

Well Pump Installer

C of Q = Certificate of Qualification



CREDIT FOR PRIOR LEARNING



Challenge Program Standards

Credentials Awarded	Well Pump Installer – Certificate of Qualification								
ITA Registration Prerequisites	An approved Challenge Application, which includes: <ul style="list-style-type: none"> ▪ 4,860 documented hours of directly related experience working in the occupation 								
Credit for Prior Learning	Individuals who hold the credentials listed below are considered to have met, or partially met, the prerequisites for challenging this program: <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Credential</th> <th style="text-align: left;">Credit(s) Granted</th> </tr> </thead> <tbody> <tr> <td>Water Well Driller – Certificate of Qualification</td> <td>▪ Work experience: 1,940 hours</td> </tr> <tr> <td>Geoexchange Driller – Certificate of Qualification</td> <td>▪ Work experience: 980 hours</td> </tr> <tr> <td>Geotechnical/Environmental Driller – Certificate of Qualification</td> <td>▪ Work experience: 490 hours</td> </tr> </tbody> </table>	Credential	Credit(s) Granted	Water Well Driller – Certificate of Qualification	▪ Work experience: 1,940 hours	Geoexchange Driller – Certificate of Qualification	▪ Work experience: 980 hours	Geotechnical/Environmental Driller – Certificate of Qualification	▪ Work experience: 490 hours
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Completion Requirements	Certification as a Well Pump Installer is awarded upon successful completion of: <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Requirement</th> <th style="text-align: left;">Level of Achievement Required</th> </tr> </thead> <tbody> <tr> <td>Well Pump Installer – ITA Certificate of Qualification Exam</td> <td>▪ Minimum 70%</td> </tr> </tbody> </table>	Requirement	Level of Achievement Required	Well Pump Installer – ITA Certificate of Qualification Exam	▪ Minimum 70%				
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Supporting Documents

Well Pump Installer Program Outline (2014) – Defines the full scope of knowledge and skills required to competently perform the occupation in BC. Available from the ITA website.

Well Pump Installer Occupational Analysis Chart (2014) – Defines the full scope of knowledge and skills tested on the ITA Certification Exam. Available from the ITA website.



INDUSTRY TRAINING PROGRAM PROFILE RECOGNIZED PROGRAM

Contacts

The **Industry Training Authority (ITA)** manages B.C.'s industry training and apprenticeship programs. Contact ITA Customer service if you have any questions regarding registration, examinations or certification for this program.

Telephone:	778-328-8700	Fax:	778-328-8701
Toll Free (within B.C.):	1-866-660-6011	Email:	customerservice@itabc.ca
Website:	www.itabc.ca		

BC Ground Water Association works with industry to identify current and emerging knowledge and skill requirements for occupations related to this program, explore training and certification options, and maintain this program.

Telephone:	604-530-8934	Fax:	604-530-8934
Toll Free (within B.C.):	1-855-530-8934	Email:	secretary@bcgwa.org
Website:	www.bcgwa.org		

Revision History

The standards for this program were reviewed and/or updated on the dates below.

Program Standards Approved: September 2014

Program Profiles are updated regularly. Visit www.itabc.ca for the most current version.