

4725.0650 EXPERIENCE REQUIREMENTS; CERTIFIED REPRESENTATIVE AND INDIVIDUAL WELL CONTRACTOR.

Subpart 1. **Well contractor certified representative and individual well contractor.** Anyone applying to be certified as a representative of a well contractor or to be an individual well contractor must have four years of experience. A year of experience is a year in which the applicant personally, and under the supervision of a licensed well contractor:

A. worked for a minimum of 1,000 hours. The applicant's 1,000 hours of experience must include drilling water-supply wells, grouting, sealing wells, repairing wells, installing pumps, disinfecting wells, and completing well construction and sealing records; and

B. constructed a minimum of ten water-supply wells; or

C. constructed at least one or more multiple cased water-supply wells with an outer casing diameter of ten inches or more and a well depth or cumulative depth of 700 feet or more.

An applicant with experience prior to 2006 must have constructed a minimum of five water-supply wells per year.

An applicant shall be deemed to have one year of experience if the applicant has successfully completed one year of education in well construction practices at an accredited college, university, or postsecondary institution. An applicant shall be deemed to have up to a maximum of two years of experience if the applicant has successfully completed an associate or technical degree in well construction practices at an accredited college, university, or postsecondary institution.

Supervision is not equivalent to personally doing the work.

Subp. 2. **Monitoring well contractor certified representative.** Anyone applying to be certified as a representative of a monitoring well contractor must meet the requirements in items A to C, or meet the requirements in item D.

A. The applicant must be:

(1) a professional engineer licensed by the Minnesota State Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience, and Interior Design according to Minnesota Statutes, sections 326.02 to 326.15;

(2) a hydrologist or hydrogeologist certified by the American Institute of Hydrology; or

(3) a geologist certified by the American Institute of Professional Geologists, or a geoscientist licensed by the Minnesota State Board of Architecture, Engineering, Land

Surveying, Landscape Architecture, Geoscience, and Interior Design under Minnesota Statutes, sections 326.02 to 326.15.

B. The applicant must have three years of experience. A year of experience is a year in which the applicant worked a minimum of 500 hours in construction, repair, and sealing of monitoring wells, or environmental bore holes including design, field supervision, or actual construction.

C. The applicant must have designed, field supervised, or actually constructed 50 monitoring wells or environmental bore holes.

D. The applicant must have three years of experience in construction, repair, and sealing of monitoring wells and environmental bore holes. A year of experience is a year in which the applicant, personally and under the supervision of a registered monitoring well contractor or licensed well contractor, constructed a minimum of 20 monitoring wells or environmental bore holes, of which at least five must be monitoring wells, and constructed, sealed, and repaired monitoring wells or environmental bore holes for 1,000 hours.

Subp. 3. **Limited well/boring contractor certified representative; drive-point wells or dug wells.** Anyone applying to be certified as a representative for a limited well/boring contractor licensed to construct, repair, and seal dug wells and drive-point wells must have three years of experience. A year of experience is a year in which the applicant personally constructed five dug wells or drive-point wells and worked for a minimum of 1,000 hours constructing, repairing, or sealing dug wells or drive-point wells, and installing pumps in dug wells or drive-point wells. An applicant must have gained the experience under a licensed well contractor or a licensed drive-point well or dug well contractor.

Subp. 4. **Limited well/boring contractor certified representative; well screens, pitless adapters, and pitless units.** Anyone applying to be certified as a representative for a limited well/boring contractor licensed to install or repair well screens or pitless adapters or units and well casing from the pitless device to the upper termination of the well must have two years of experience. A year of experience is a year in which the applicant worked a minimum of 1,000 hours and personally installed or repaired five well screens or pitless units or adapters and well casings from the pitless unit or adapter to the upper termination of the well. The experience must have been gained under the supervision of a licensed well contractor or limited well/boring contractor licensed to install or repair well screens or pitless units or adapters and well casings from the pitless unit or adapter to the upper termination of the well.

Subp. 5. **Limited well/boring contractor certified representative; pumps and pumping equipment.** Anyone applying to be certified as a representative for a limited well/boring contractor licensed to install a pump or pumping equipment must have two years of experience in pump installation and repair. The applicant must have personally

installed 20 pumps. The work must include a minimum of 1,000 hours installing well pumps or pumping equipment.

Subp. 6. Limited well/boring contractor certified representative; well sealing.

A. Anyone applying to be certified as a representative for a limited well/boring contractor licensed to seal wells must have three years of experience. A year of experience is a year in which the applicant:

- (1) personally sealed a minimum of five wells; and
- (2) worked a minimum of 1,000 hours constructing wells, clearing obstructions, removing or perforating well casings, and grouting wells.

B. The applicant must have gained the experience under a licensed well contractor or limited well/boring sealing contractor.

Subp. 7. Limited well/boring contractor certified representative; dewatering wells. Anyone applying to be certified as a representative for a limited well/boring contractor licensed to construct, repair, or seal dewatering wells must have two years of experience. A year of experience is a year in which the applicant:

A. worked a minimum of 500 hours designing, constructing, or field supervising the construction, repair, or sealing of dewatering wells; and

B. designed, constructed, or field supervised the construction of a minimum of five dewatering wells.

Subp. 7a. Limited well/boring contractor certified representative; vertical heat exchanger. Anyone applying to be certified as a representative for a limited well/boring contractor licensed to construct, repair, or seal vertical heat exchangers must meet the requirements in item A or meet the requirements in items B and C.

A. The applicant must have two years of experience. A year of experience is a year in which the applicant personally, and under the supervision of a licensed well contractor or licensed vertical heat exchanger contractor, constructed a minimum of three separate permitted vertical heat exchanger systems, with a minimum total footage of 2,000 feet of vertical heat exchanger, and worked a minimum of 500 hours designing, constructing, or field supervising the construction, repair, or sealing of vertical heat exchangers.

B. The applicant must have a minimum of two years experience in well drilling. A year of experience is a year in which the applicant personally and under the supervision of a licensed well contractor constructed a minimum of five water- supply wells and constructed, repaired, or sealed wells and environmental bore holes for 500 hours.

C. The applicant must be certified by the International Ground Source Heat Pump Association or have an equivalent certification, as determined by the commissioner, based on number of hours of training, subject material, and testing.

Subp. 8. **Elevator boring contractor certified representative.** Anyone applying to be certified as a representative for an elevator boring contractor licensed to construct, repair, or seal an elevator boring must have two years of experience related to the construction, repair, and sealing of elevator borings. A year of experience is a year in which the applicant designed, supervised, or actually constructed three elevator borings.

Subp. 9. **Experience outside state.** If all or part of the experience required in this part was gained by an applicant outside Minnesota, the applicant must provide the commissioner with information satisfactorily demonstrating that the experience was gained constructing, repairing, and sealing wells or borings in geological conditions substantially similar to conditions in Minnesota and in a jurisdiction with certification, licensing, or registration requirements comparable to those in Minnesota.

Statutory Authority: *MS s 103I.101; 103I.111; 103I.205; 103I.221; 103I.301; 103I.401; 103I.451; 103I.501; 103I.525; 103I.531; 103I.535; 103I.541; 103I.621; 144.05; 144.12; 144.383; 157.04; 157.08; 157.09; 157.13*

History: *17 SR 2773; L 1992 c 507 s 2; 25 SR 1207; 33 SR 211*

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