

**567—82.1(455B) Definitions.** In addition to the definitions in Iowa Code sections 455B.171, 455B.190 and 455B.190A, which are hereby adopted by reference, the following definitions shall apply to this chapter:

“*Certified well contractor*” means a well contractor who has successfully passed an examination prescribed by the department to determine the applicant’s qualifications to perform well drilling or pump services or both.

“*Class 1 well*” means a well 100 feet or less in depth and 18 inches or more in diameter.

“*Class 2 well*” means a well more than 100 feet in depth or less than 18 inches in diameter or a bedrock well. Bedrock wells include:

1. Wells completed in a single confined aquifer;
2. Wells completed in a single unconfined aquifer; and
3. Wells completed in multiple aquifers.

“*Class 3 well*” means a sandpoint well 50 feet or less in depth and having a casing inside diameter of 2 inches or less constructed by joining a screened drive point with lengths of pipe and driving the assembly into a shallow sand and gravel aquifer.

“*Classification*” means one of three levels of well contractor certification, designated as certified well contractor, provisionally certified well contractor or well plugging contractor. All three are referred to as “certified well contractor” in the following rules unless specifically identified otherwise.

“*Continuing education unit (CEU)*” means ten contact hours of participation in an organized education experience under responsible sponsorship, capable direction, and qualified instruction.

“*Direct charge*” means the certified well contractor at the well site responsible for ensuring that the well services are performed as required in 567—Chapters 38, 39, 43, 49 and 110.

“*Director*” means the director of the department of natural resources or a designee.

“*Issuing agency*” means a professional, technical/educational organization authorized by the department to provide continuing education for certification renewal in accordance with the commitments and guidelines detailed in the written issuing agency agreement and procedures.

“*Pump installer*” means a person certified by the department to perform pump services.

“*Pump services*” means the installation, repair, and maintenance of water systems; modification of the upper terminus of a well; well plugging; well rehabilitation; or the construction of Class 3 wells.

“*Upper terminus*” means the upper ten feet of the well casing as measured from the finished surface grade.

“*Water systems*” means any part of the mechanical portion of a water well that delivers water from the well to a valve that separates the well from the plumbing system. “Water systems” includes the pump, drop pipe to the well, electrical wire from the pump to the first electrical panel or connection outside the casing, piping from the well to the pressure tank or first valve outside the casing, pitless unit or adapter, and all related miscellaneous fittings necessary to operate the pump. “Water systems” does not include any outside piping to other buildings and does not include the piping that carries the water in the remainder of the distribution system.

“*Water well*” means any excavation that is drilled, cored, bored, augered, washed, driven, dug, jetted, or otherwise constructed for the purpose of exploring for groundwater, monitoring groundwater, utilizing the geothermal properties of the ground, or extracting water from or injecting water into the aquifer. “Water well” does not include an open ditch or drain tiles or an excavation made for obtaining or prospecting for oil, natural gas, minerals, or products mined or quarried.

“*Well construction*” means constructing a water well and installing necessary casing, screen, liners, grout, seals, and other appurtenances.

“*Well driller*” means a person certified by the department to perform well drilling services.

“*Well drilling services*” means new well construction, well reconstruction, well rehabilitation, well repair, installation of pitless equipment, or well plugging.

“*Well plugging*” means the closure of an abandoned well with plugging materials by procedures which will permanently seal the well from contamination by surface drainage and permanently seal off the well from contamination into an aquifer. “Well plugging” involves the proper application of filling and sealing materials.

*“Well plugging contractor”* means a contractor certified to plug only Class 1 or Class 3 wells but not certified to abandon Class 2 wells or perform any other well services.

*“Well reconstruction”* means modifying the original construction of a well. “Well reconstruction” includes, but is not limited to, deepening the well, installing a liner, installing or replacing a screen with one of a different diameter or length, installing a pitless adapter, extending the casing, or hydrofracturing a well. Replacing a screen with one of identical diameter and length or replacing a pitless adapter is considered repair, not reconstruction.

*“Well rehabilitation”* means the physical or chemical cleaning of a well.

*“Well services”* means both well drilling services and pump services.