

Hoxie Implement Co., Inc. Colby Ag Center LC Oakley Ag Center LLC

Irrigation Specialist

For over 25 years, Hoxie Implement, and 15 years, Colby Ag Center, have been selling and servicing Reinke center pivot irrigation systems. Reinke Manufacturing produces high quality electric drive center pivot irrigation systems, and is an industry leader in irrigation technology.

In our history of being a Reinke dealer, we have sold hundreds of new irrigation systems. We also cover a large service area, and work on many other brands of irrigation systems as well. During irrigating season, our customers rely on their systems to keep their crops alive. They know that when there's a break down, they can turn to us to get their system running again quickly. Time is very important when the crops need water, so it takes a skilled irrigation technician to diagnose the problem quickly and find a solution.



As an irrigation specialist, you will have the chance to work on a variety of different projects dealing with irrigation systems. Because most center pivots are driven by electricity, there are times when electronic components go bad. When called to repair a system, an irrigation technician must troubleshoot whether the problem is with the tower drive motors, tower control box, a wire or fuse in the panel, or possibly another cause. To do so, a technician uses instruments such as multi-meters to help determine the cause. There are also many other areas of the system that an irrigation specialist will deal with, which are explained more on the back.



Another problem an irrigation specialist may face is a mechanical issue. Often times systems will need a wheel gearbox, u-joint, driveshaft, and other parts replaced. Pipe fittings may also need to be manufactured or rebuilt. Along with service calls where customers are broke down, we also provide routine maintenance. This includes changing gear-box oil, checking for worn items, or replacing sprinkler packages.



Structural damage is another common theme for irrigation systems. Damage of this nature can consist of simple things such as a hose or water pipe that leaks, to major accidents where a structural part breaks or the system runs into an object. This can result in entire towers and spans to fall.

Weather is also a factor with irrigation systems. As you can see on the left, wind and tornados can damage entire systems, which requires

extensive repairs to be made. To help make structural repairs, we have nice, modern boom trucks to assist in lifting entire sections of the system. We also have nice pickups to drive, stocked full of parts, to take when going on service calls.

Not only do we repair irrigation systems, we also do complete installs of new Reinke center pivots. The process consists of pouring the pivot pad, installing the pivot, hooking up the underground water pipes, assembling the towers and spans, installing the panel, and wiring all the electrical components.

GPS is becoming a large part of irrigation technology today. Systems can now be told when to start, stop, and turn the water on and off, all by it's location. This technology requires the irrigation specialist to install and program the GPS systems, as well as explain to customers how to use them properly.



Being an irrigation specialist is an excellent career for those who love the outdoors. You are able to troubleshoot and repair problems, learn and apply new technologies, and help keep customer's crops watered, all while being outside. Schooling is now available for people interested in becoming irrigation specialists, as well as possible scholarship opportunities. If you're interested in being an irrigation specialist, call or apply online at www.hoxieimplement.com/employment.

Hoxie Implement - (785) 675-3201
Colby Ag Center - (785) 462-6132