

Appendix B

Annual Maintenance

As part of our annual humidifier maintenance program, the Facilities team performs thorough cleaning and inspection during the off-season. The standard maintenance procedures include the following:

- **Heat Exchanger Cleaning:** The heat exchanger tanks are cleaned by removing accumulated scale. This is done by lightly scraping off any buildup and ensuring the drains are fully cleared to maintain proper flow and efficiency.
- **Ignition System Maintenance:** Both the flame sensor and ignitor are proactively replaced annually to ensure reliable startup and consistent operation throughout the heating season.
- **Solenoid Valve Replacement:** Solenoid valves have been replaced as part of routine maintenance to prevent potential failures and maintain water flow control.
- **Water Level Canister Replacement:** The water level canisters have been replaced in the past as part of our ongoing efforts to maintain system reliability and performance.
- **Burner Tube Cleaning:** Burner tubes are cleaned using a stainless-steel brush to gently remove any buildup, ensuring clean combustion and optimal burner performance.

Water Treatment

The Library has a Fleck 5600SXT downflow water softener system. For maintenance, we regularly add Morton Saltwater Softener Pellets to the brine tank.